New	STANDARD		Standard Al Act	Mapping		Terminology	Technical Committee	
	The data presented have a value for resear	ch and not a le				new	alopen Hosting develo	
		Terms		Variant	Complementary	Al Act		
d <b>45</b>	4213 -	<sup>269</sup> Machine <sup>253</sup> Classific	•			Article 000		45
	Assessment of Machine learning classification					Article 006		
elationship	performance Article 006 (Classification)							
elationship with Ai Act								
Link	https://www.iso.org/obp/ui/en/#iso:std:iso-iec:	]						
	ts:4213:ed-1:v1:en							
Scope	TS This document specifies methodologies for measuring classification performance of machine							
	learning models, systems and algorithms.							
		OPTIONAL INFO	Affiliation and Qualification		Linkedin			
Full text	Foreword	Surname Observations	Quanication		other			
	Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate	Terms		Variant	Complementary	Al Act		
<b>15</b>	5259 - 1	<sup>30</sup> Data life				Article 017		15
cification	Overview, terminology and examplse		lection processes			Article 015, Article 010		15
lationship		<sup>162</sup> Data us <sup>116</sup> Data qu				Article 010		15
with Ai Act	Article 015, Article 010 (Data collection processes); Article 017 (Data life cycle); Article 010 (Data quality); Article 009 (Measurement)	163 Data qu				Article 010		15
	Imeasurementy	153 Measure	-					
						Article 009		15
		<sup>164</sup> Analitics				Article 009		15 15
		<sup>164</sup> Analitics	ality management			Article 009		
Link	https://www.iso.org/standard/81088.html	<sup>164</sup> Analitics	ality management			Article 009		15
	This document provides the means for	<sup>164</sup> Analitics	ality management vernance			Article 009		15
Scope	This document provides the means for understanding and associating the individual	164 Analitics 165 Data qui 166 Data go	ality management vernance			Article 009		15 15 15
Scope	This document provides the means for understanding and associating the individual documents of the ISO/IEC 5259 series and is the foundation for conceptual understanding of data	164 Analitics 165 Data qui 166 Data go	ality management vernance			Article 009		15 15 15
Scope	This document provides the means for understanding and associating the individual documents of the ISO/IEC 5259 series and is the foundation for conceptual understanding of data quality for analytics and machine learning. It also discusses associated technologies and examples	164 Analitics 165 Data qui 166 Data go	ality management vernance			Article 009		15 15 15
Scope	This document provides the means for understanding and associating the individual documents of the ISO/IEC 5259 series and is the foundation for conceptual understanding of data quality for analytics and machine learning. It also	164 Analitics 165 Data qui 166 Data go	ality management vernance			Article 009		15 15 15
Scope	This document provides the means for understanding and associating the individual documents of the ISO/IEC 5259 series and is the foundation for conceptual understanding of data quality for analytics and machine learning. It also discusses associated technologies and examples	164 Analitics 165 Data qui 166 Data go	ality management vernance			Article 009		15 15 15
Scope	This document provides the means for understanding and associating the individual documents of the ISO/IEC 5259 series and is the foundation for conceptual understanding of data quality for analytics and machine learning. It also discusses associated technologies and examples	164 Analitics 165 Data qui 166 Data go	ality management vernance			Article 009		15 15 15
Scope	This document provides the means for understanding and associating the individual documents of the ISO/IEC 5259 series and is the foundation for conceptual understanding of data quality for analytics and machine learning. It also discusses associated technologies and examples	164 Analitics 165 Data qui 166 Data go	ality management vernance			Article 009		15 15 15
Scope	This document provides the means for understanding and associating the individual documents of the ISO/IEC 5259 series and is the foundation for conceptual understanding of data quality for analytics and machine learning. It also discusses associated technologies and examples	164 Analitics 165 Data qui 166 Data go	ality management vernance			Article 009		15 15 15
Scope	This document provides the means for understanding and associating the individual documents of the ISO/IEC 5259 series and is the foundation for conceptual understanding of data quality for analytics and machine learning. It also discusses associated technologies and examples	164 Analitics 165 Data qui 166 Data go	ality management vernance			Article 009		15 15 15
Scope	This document provides the means for understanding and associating the individual documents of the ISO/IEC 5259 series and is the foundation for conceptual understanding of data quality for analytics and machine learning. It also discusses associated technologies and examples	164 Analitics 165 Data qu 166 Data go 167 Data pro	ality management vernance ovenance					15 15 15 15 15
Scope	This document provides the means for understanding and associating the individual documents of the ISO/IEC 5259 series and is the foundation for conceptual understanding of data quality for analytics and machine learning. It also discusses associated technologies and examples (e.g. use cases and usage scenarios).	164 Analitics 165 Data qu 166 Data go 167 Data pro	ality management vernance ovenance	3 (member) 4 (president)	Linkedin https://www.link	Article 009		15 15 15 15 15
Scope	This document provides the means for understanding and associating the individual documents of the ISO/IEC 5259 series and is the foundation for conceptual understanding of data quality for analytics and machine learning. It also discusses associated technologies and examples (e.g. use cases and usage scenarios).	164 Analitics 165 Data qu 166 Data go 167 Data pro	ality management vernance ovenance	3 (member) 4 (president)	Linkedin https://www.link other originalSubdoma			15 15 15 15 15
Scope Full text	This document provides the means for understanding and associating the individual documents of the ISO/IEC 5259 series and is the foundation for conceptual understanding of data quality for analytics and machine learning. It also discusses associated technologies and examples (e.g. use cases and usage scenarios).	164 Analitics 165 Data qu 166 Data go 167 Data pro	ality management vernance ovenance	3 (member) 4 (president)	Linkedin https://www.linka			15 15 15 15 15
Scope Tull text	This document provides the means for understanding and associating the individual documents of the ISO/IEC 5259 series and is the foundation for conceptual understanding of data quality for analytics and machine learning. It also discusses associated technologies and examples (e.g. use cases and usage scenarios).	164 Analitics 165 Data qu 166 Data go 167 Data pro	ality management vernance ovenance	3 (member) 4 (president)	Linkedin https://www.link		e-a9b99812/?	15 15 15 15 15

lew	STANDARD			I Act Mapping	]	Terminology		
			Number			new	•	ing and
	The data presented have a value for researc	ch and not a Terms	legal value.	Variant			cumind deve	eloping
	5050 0	21 Compl	iance	complete	Complementary	Al Act Article 017		3 🔺
3	5259 - 2	1 Acces		access		Article 017, Article 005,	Article 071	3
ication	Data quality measures	22 Data h		identifiability		Article 017		3
ionship		25 Consis				Article 010		3
with Ai Act	(Accuracy): Article 015, Article 010, Article 017 (Bias detection	11 Balance	-					3
	and correction); Article 017 (Compliance); Article 017 (Data holder); Article 017 (Identifiability); Article 010 (Consistency);		eteness					3
	Article 015 (Data quality reporting); Article 015, Article 010 (Origin of data); Article 010 (Quality criteria); Article 012			de la companya de la				-
	(Traceability); Article 010 (Training, validation, testing datasets); Article 074 (Validation)		ence regarding errors, fau					3
Link			etection and correction	dataset		Article 015, Article 010,	Article 017	3
	https://www.iso.org/standard/81860.html	<sup>26</sup> Credib	ility		complementary			3
Scope	This document specifies a data quality model, data	75 Under	standability		complementary			3
	quality measures and guidance on reporting data	27 Currer	ntness		complementary			3
	quality in the context of analytics and machine learning (ML).	76 Valida	tion		complementary	Article 074		3
	This document is applicable to all types of organizations who want to achieve their data quality objectives.		ncy		complementary			3
			/ criteria		complementary	Article 010		3
	quality objectives.	74 Trainir	ng, validation, testing data	asets	complementary	Article 010		3
		56 Precis	ion		complementary			3
		60 Releva			complementary			3
			mark and measurement	methodologies	complementary			3
			etic or anonymised data	methodologies				3
			-		complementary			3
		37 Docun	nentation of the access, t	to avoid misuse	complementary			Ŭ
		OPTIONAL IN						
		Name and Do Surname	omenico Natale Affiliation an Qualificatio	nd UNI CT 533 (member) on UNI CT 504 (president)	Linkedin https://www.linke other originalSubdom	edin.com/in/domenico-nata ain=it	le-a9b99812/?	
	Artificial intelligence — Data quality for analytics and machine learning (ML) Part 2: Data quality measures Under development This draft is in the approval phase.							
		- -						
		Terms	uality plan	Variant	Complementary	Al Act		16
6	5259 - 3		uality management					16
cation	Data quality management requirements and							16
nnahin	guidelines		uality culture					10
onship with Ai Act	Article 017, Article 009, Article 012, Article 006, Article 007 (Risk management); Article 043 (Management)	170 Manag				Article 043		16
AIACI	1		and assessment					16
		<sup>171</sup> Data o	uality management lifecy	ycle				16
		<sup>173</sup> Horizo	ntal aspects					16
		101 Risk m	nanagement			Article 017, Article 009, Article 007	Article 012, Article 006,	16
LINK	https://www.iso.org/standard/81092.html	174 Data fe	ormat					16
Scope	This document specifies requirements and	175 Manag	jing of data quality deper	ndencies				16
	provides guidance for establishing, implementing, maintaining and continually improving the quality of data used in the areas of analytics and machine	176 Manag	gement system integratio	n				16
	learning. This document does not define a detailed process, methods or metrics. Rather it defines the requirements and guidance for a quality management process along with a reference process and methods that can be tailored to meet the requirements in this document. The requirements and recommendations set out in this document are generic and are intended to be applicable to all organizations, regardless of type,							
	size or nature.							
		OPTIONAL IN Name and De		nd UNI CT 533 (member) on UNI CT 504 (president)	Linkedin https://www.link	edin.com/in/domenico-nata	le-a9b99812/?	
	ISO/IEC 5259-3:2024 Artificial intelligence — Data quality for analytics	Surname Observations	Qualificatio	ON UNI CT 504 (president)	other originalSubdom	ain=it		

New	STANDARD		Standard Number	Al Act	Mapping	[	Terminology	Technical Committee 533 Al
	The data presented have a value for researc			_			new	Hosting and developing
		Terms			Variant	Complementary	Al Act	17
ID <b>17</b>	5259 - 4	177 Outsourcin	•					<i></i>
Specification	Data quality process framework	178 Cloud serv						17
		179 Segmenta	tion					17
Relationship with	Article 017 (Data life cycle)	180 Data qualit	ty process pri	nciples				17
Ai Act		30 Data life cy	ycle				Article 017	17
		181 Data qualit	ty process val	lidation				17
		182 Data requi	irements					17
		183 Data label	ling					17
Link	https://www.iso.org/obp/ui/en/#iso:std:iso-	184 Data gualit	tv assessmen	nt				17
	iec:5259:-4:ed-1:v1:en	185 Data deco	,	-				17
Scope	This document establishes general common organizational approaches, regardless of the type,							
	size or nature of the applying organization, to							
	ensure data quality for training and evaluation in							
	analytics and machine learning (ML). It includes guidance on the data guality process for:							
	- supervised ML with regard to the labelling of							
	data used for training ML systems, including							
	common organizational approaches for training data labelling;							
	- unsupervised ML;							
	— semi-supervised ML; — reinforcement learning;							
	- analytics.							
	This document is applicable to training and							
	evaluation data that come from different sources, including data acquisition and data composition,							▼
	data preparation, data labelling, evaluation and	Name and Domer		liation and UNLCT 533	(member)	Linkedin https://www.linke	edin.com/in/domenico-nata	le-29b90812/2
	Foreword	Surname	Qu	liation and UNI CT 533 ualification UNI CT 504	(president)	other originalSubdoma	ain=it	
	Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate	Terms			Variant	Complementary	Al Act	
ID <b>18</b>	5259 - 5	166 Data gove	rnance		, and the	Complementary	Al Act	18
		111 Governand	ce				Article 010	18
pecification	Data quality governance framework	146 Governand	ce of informati	ion security				18
Relationship	Article 010 (Governance)	186 Data qualit	ty risk manag	ement				18
with Ai Act		187 Responsal	bility of gover	ning body				18
		188 Establish (	enabling envir	ronment for data				18
	https://www.iso.org/obp/ui/en/#iso:std:iso-							
	iec:5259:-5:dis:ed-1:v1:en							
Scope	This document provides a data quality governance framework for analytics and machine learning (ML)							
	to enable governing bodies of organizations to							
	direct and oversee the implementation and							
	operation of data quality measures, management, and related processes with adequate controls							
	throughout the data life cycle (DLC) model							
	according to ISO/IEC 5259-1. This document can be applied to any analytics and ML. This							
	document does not define specific management							
	requirements or process requirements according to ISO/IEC 5259-3 and ISO/IEC 5259-4							
	to ISO/IEC 5259-3 and ISO/IEC 5259-4 respectively.							
								 ▼
		OPTIONAL INFOR	MATION					
		Name and Domer	nico Natale Affil	iliation and UNI CT 533 ualification UNI CT 504	(member)	Linkedin https://www.linke	edin.com/in/domenico-nata	le-a9b99812/?
Full text	PREVIEW		Qu	ualification UNI CT 504	(president)	other originalSubdoma	ain=it	
	Artificial intelligence	Observations						
	<ul> <li>Data quality for analytics and</li> </ul>							
	machine learning (ML)							
	Part							

New	STANDARD		Stand Numb		Mapping	]	Terminology new	UNINFO Technical Committee	
	The data presented have a value for researd	ch and not a leo	gal value.					a Hosting develop	and bing
		Terms			Variant	Complementary	Al Act	~	
ID <b>20</b>	5338 -	189 Knowledg	• •	ion					20
ecification	AI System life cycle process	49 Lifecycle					Article 015, Article 017,	Article 009	20
		122 System							
lationship with Ai Act	Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 071	4 Al system					Article 003, Article 002, Article 007 Article 043	Article 004, Article 006, Article 014 Article 072	20
AIAU	(Al systems); Article 015, Article 017, Article 009 (Lifecycle)			anagement process					
		<sup>191</sup> Quality m	•	•					20
		<sup>192</sup> Knowledg		ement process					20
Link	https://www.iso.org/obp/ui/en/#iso:std:iso-	49 Lifecycle					Article 015, Article 017,	Article 009	20
	https://www.iso.org/obp/ui/en/#iso:std:iso- iec:5338:ed-1:v1:en	<sup>193</sup> Maintena	ince proces	<b>SS</b>					20
Scope	This document defines a set of processes and	1							
	associated concepts for describing the life cycle of								
	AI systems based on machine learning and heuristic systems. It is based on ISO/IEC/IEEE								
	15288 and ISO/IEC/IEEE 12207 with modifications								
	and additions of Al-specific processes from ISO/IEC 22989 and ISO/IEC 23053.								
	This document provides processes that support								
	the definition, control, management, execution and improvement of the AI system in its life cycle								
	stages. These processes can also be used within								
	an organization or a project when developing or								
	acquiring AI systems. When an element of an AI system is traditional software or a traditional								_
	system, the software life cycle processes in								
	ISO/IEC/IEEE 12207 and the system life cycle processes in ISO/IEC/IEEE 15288 can be used to								-
	implement that element.	Name and Dome		Affiliation and UNI CT 533	3 (member)	Linkedin https://www.link	edin.com/in/domenico-nata	ale-a9b99812/?	
Full text	-	Surname		Qualification UNI CT 504	4 (president)	other originalSubdom			
	Foreword ISO (the International Organization for	Observations							
	Standardization) and IEC (the International								
	Electrotechnical Commission) form the specialized								
	system for worldwide standardization. National bodies that are members of ISO or IEC participate								
		Terms			Variant	0	A1 A-4		
50	5339 -	235 Processe	s		, and the	Complementary	Al Act		52
52		113 Stakehold	der						52
ification	Guidance for AI application	49 Lifecycle					Article 015, Article 017,	Article 009	52
ationship	Article 015, Article 017, Article 009 (Lifecycle); Article 017	<sup>178</sup> Cloud ser	rvice						52
with Ai Act	(Accountability)	273 Accounta	ability				Article 017		52
			··· · <b>,</b>						
Link	https://www.iso.org/obp/ui/en/#iso:std:iso-	í ———							
	iec:5339:ed-1:v1:en								
Scope	This document provides guidance for identifying								
	the context, opportunities and processes for developing and applying AI applications. The								
	guidance provides a macro-level view of the AI								
	application context, the stakeholders and their roles, relationship to the life cycle of the system,								
	and common AI application characteristics and								
	considerations.								
									-1
									-1
									-
		OPTIONAL INFO	RMATION	Affiliation and		Linkodia			
		Name and Surname		Attiliation and Qualification		Linkedin other			
Full text	Foreword	Observations							
	ISO (the International Organization for Standardization) and IEC (the International								
	Electrotechnical Commission) form the specialized								
	system for worldwide standardization. National bodies that are members of ISO or IEC participate								
	boules that are members of ISO of IEO participate								

New	STANDARD		Stanc Num		Mapping	[	Terminology new	Technical Committee	533 AI
	The data presented have a value for resear	rch	and not a legal value.					alopen develo	and ping
			Terms		Variant	Complementary			~ 1
ID <b>31</b>	5469 -		<sup>214</sup> Safety <sup>242</sup> Risk factors				Article 001, Article 073, A Article 043 Article 014	Article 006, Article 007,	31
pecification	TR Functional safety and AI systems	ן ך	244 Explainability						31
Relationship	Article 001, Article 073, Article 006, Article 007, Article 043,		<sup>243</sup> Transparency						31
with Ai Act	Article 014 (Safety)								
Link									
	https://www.iso.org/obp/ui/en/#iso:std:iso-iec: tr:5469:ed-1:v1:en								
Scope	This document describes the properties, related								
	risk factors, available methods and processes relating to:								
	<ul> <li>use of AI inside a safety related function to realize the functionality;</li> </ul>								
	- use of non-Al safety related functions to ensure								
	safety for an AI controlled equipment; — use of AI systems to design and develop safety								
	related functions.								
		c	OPTIONAL INFORMATION						
			Name and Surname	Affiliation and Qualification		Linkedin other			
Full text	Foreword		bservations						
	ISO (the International Organization for Standardization) and IEC (the International								
	Electrotechnical Commission) form the specialized system for worldwide standardization. National								
	bodies that are members of ISO or IEC participate								
			Terms		Variant	Complementary	Al Act		
<b>43</b>	6254 -		244 Explainability						43
ecification	Objective and approaches for explainability and	ר	276 Interpretability						43
	interpretability of ML models and AI systems		<sup>113</sup> Stakeholder						43
elationship with Ai Act	Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 071 ( <i>Al systems</i> )		4 AI systems				Article 003, Article 002, Article 007, Article 043	Article 004, Article 006, Article 014 Article 072	43
	(AI systems)								
Link	https://www.iso.org/standard/82148.html								
Scope	CD This document describes approaches and methods that can be used to achieve explainability								
Scope	CD This document describes approaches and methods that can be used to achieve explainability objectives of stakeholders with regards to ML								
Scope	CD This document describes approaches and methods that can be used to achieve explainability								
Scope	CD This document describes approaches and methods that can be used to achieve explainability objectives of stakeholders with regards to ML models and Al systems' behaviours, outputs, and								
Scope	CD This document describes approaches and methods that can be used to achieve explainability objectives of stakeholders with regards to ML models and Al systems' behaviours, outputs, and								
Scope	CD This document describes approaches and methods that can be used to achieve explainability objectives of stakeholders with regards to ML models and Al systems' behaviours, outputs, and								
Scope	CD This document describes approaches and methods that can be used to achieve explainability objectives of stakeholders with regards to ML models and Al systems' behaviours, outputs, and								
Scope	CD This document describes approaches and methods that can be used to achieve explainability objectives of stakeholders with regards to ML models and Al systems' behaviours, outputs, and								
Scope	CD This document describes approaches and methods that can be used to achieve explainability objectives of stakeholders with regards to ML models and Al systems' behaviours, outputs, and								
Scope	CD This document describes approaches and methods that can be used to achieve explainability objectives of stakeholders with regards to ML models and Al systems' behaviours, outputs, and								
Scope	CD This document describes approaches and methods that can be used to achieve explainability objectives of stakeholders with regards to ML models and Al systems' behaviours, outputs, and	C	DPTIONAL INFORMATION	Affiliation and					
Scope	CD This document describes approaches and methods that can be used to achieve explainability objectives of stakeholders with regards to ML models and Al systems' behaviours, outputs, and results.	C	Name and Surname	Affiliation and Qualification		Linkedin other			
Scope Full text	CD This document describes approaches and methods that can be used to achieve explainability objectives of stakeholders with regards to ML models and AI systems' behaviours, outputs, and results.	C	Name and	Affiliation and Qualification		Linkedin other			
Scope	CD This document describes approaches and methods that can be used to achieve explainability objectives of stakeholders with regards to ML models and Al systems' behaviours, outputs, and results.	C	Name and Surname	Affiliation and Qualification		Linkedin other			
Scope	CD This document describes approaches and methods that can be used to achieve explainability objectives of stakeholders with regards to ML models and Al systems' behaviours, outputs, and results.	C	Name and Surname	Affiliation and Qualification		Linkedin other			

New	STANDARD		Stand Numl		Mapping		Terminology new	Technical Committee 533 Al
	The data presented have a value for resear	ch and not a						Hosting and developing
		Terms			Variant	Complementary	Al Act	
ID <b>39</b>	8000 - 1	<sup>116</sup> Data	quality				Article 010	39
Specification		165 Data	quality manag	ement				39
		174 Data	format					39
Relationship with Ai Act	Article 010 (Data quality)	<sup>166</sup> Data	governance					39
Ai Act		235 Proce	esses					39
		261 Maste	er data					39
		113 Stake	holder					39
		262 Indus	trial data					39
LINK	https://www.iso.org/obp/ui/en/#iso:std:iso:8000:	79 Orga	nization					39
Scope	This document provides an overview of the ISO	1						
	8000 series							
								▼
			NFORMATION	Affiliation and		t interdire		
	Foreword	Name and Surname		Qualification		Linkedin other		
	ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical	Observations						
		Terms			Variant			
	0400			secured, protected,	Vanan	Complementary	Al Act	11
ID <b>11</b>	8183 -	93 Prepa			• •			11
Specification	Data life cycle	<sup>30</sup> Data					Article 017	11
Relationship	Article 017 (Data life cycle); Article 074 (Verification and		mmissioning					11
with Ai Act	validation); Article 010 (Governance)	88 Supp	•					11
			ess requireme	nte				11
			cation and vali				Article 074	11
		111 Gove					Article 010	11
Link	https://www.iso.org/obp/ui/en/#iso:std:iso-		mance				Article 010	
	iec:8183:ed-1:v1:en							
Scope	This document defines the stages and identifies associated actions for data processing throughout							
	the artificial intelligence (AI) system life cycle,							
	including acquisition, creation, development,							
	deployment, maintenance and decommissioning. This document does not define specific services,							
	platforms or tools. This document is applicable to							
	all organizations, regardless of type, size or							
	nature, that use data in the development and use of AI systems.							
			NEODMATION					•
		Name and [	NFORMATION Domenico Natale	Affiliation and UNI CT 533 Qualification UNI CT 504	(member)	Linkedin https://www.link	edin.com/in/domenico-nata	le-a9b99812/?
Full text	Foreword	1 .		Qualification UNI CT 504	(president)	other originalSubdom	edin.com/in/domenico-nata ain=it	
	ISO (the International Organization for	Observations						
	Standardization) and IEC (the International							
	Electrotechnical Commission) form the specialized system for worldwide standardization. National							
	bodies that are members of ISO or IEC participate							

New	STANDARD		Standar	rd Al Act	Mapping	[	Terminology	
	•		Numbe	pr			new	Technical Committee 533 Al
	The data presented have a value for research	ch and not a le	egal value.					Hosting and developing
		Terms			Variant	Complementary	Al Act	44
ID <b>44</b>	8200 -	95 Controlla	•					44
Specification	Controllability of automated AI systems	277 Ontolog						44
Relationship		<sup>266</sup> Autonon	•				Article 007	44
with	Article 007 (Autonomy ); Article 014 (Controller)	278 Controlle					Article 014	44
		95 Controlla	•					44
		<sup>275</sup> Function	nai salety					
Link	https://www.iso.org/standard/83012.html							
		-						
Scope	TS This document specifies a basic framework with principles, characteristics and approaches for							
	the realization and enhancement for automated							
	artificial intelligence (AI) systems' controllability. The following areas are covered:	-						
	- state observability and state transition;							
	- control transfer process and cost;							
	<ul> <li>reaction to uncertainty during control transfer;</li> <li>verification and validation approaches.</li> </ul>							
								<b>•</b>
		OPTIONAL INFO		Affiliation and		Linkedin		
Full toxt		Name and Surname	′	Qualification		other		
	ISO/IEC TS 8200:2024 Information technology — Artificial intelligence —	Observations						
	Controllability of automated artificial intelligence							
	systems Published (Edition 1, 2024)							
		Terms			Variant	Complementary	Al Act	
ID 51	9868 -	<sup>290</sup> Biometri	ic data				Article 003, Article 005	51
Specification	Biometric identification systems involving passive	291 Biometri	ic identificatio	n				51
	capture		ic characterist	tic				51
Relationship with	Article 015 (Security); Article 043 (Management); Article 003, Article 005 (Biometric data)	<sup>265</sup> Algorithr						51
Ai Act		15 Bias in A						51
		66 Security					Article 015	51
		<sup>170</sup> Manage					Article 043	51
Link	https://www.iso.org/obp/ui/en/#iso:std:iso-	<sup>293</sup> Biometri	ic algorithm					51
	iec:9868:dis:ed-1:v1:en							
Scope	DIS This document establishes recommendations	-						
	and requirements for the design, development, use and maintenance of biometric identification							
	systems involving passive capture subjects							
	including pre and post deployment evaluation. While the emphasis is on surveillance systems,							
	other types of biometric identification systems involving passive capture subjects are in scope,							
	regardless of biometric characteristic or sensing	-						
	technology. This includes systems involving passive capture of subjects where some capture							
	subjects enrolled voluntarily.							
	Biometric verification systems and biometric							
	identification systems only involving capture subjects deliberately taking part in the capture are							
	not in scope of this document.							<b>•</b>
	This document does not define specific services, platforms or tools.	OPTIONAL INFO		Affiliation and		Linkodin		
E	·	Name and Surname		Qualification		Linkedin other		
ruii text	Foreword ISO (the International Organization for	Observations						
	Standardization) is a worldwide federation of							
	national standards bodies (ISO member bodies). The work of preparing International Standards is							
	normally carried out through ISO technical							

_	STANDARD	Stan		Mapping		Terminology	Technical Committee	
	The data presented have a value for researd	Num				new	a open Hosting develop	
		Terms		Variant	Complementary	Al Act	~	
35	12182 -	252 Categorization		Classification				35
		122 System						35
cation	Framework for categorization of IT systems and software, and guide for applying it	254 Software						35
onship with	Article 002, Article 006 (Service)	255 Service				Article 002, Article 006		35
Ai Act		113 Stakeholder						35
		257 IT system						35
		<sup>118</sup> Quality-in-use						35
Link	https://www.iso.org/obp/ui/en/#iso:std:iso-iec:							
Scope	tr:12182:ed-2:v1:en This TR specifies the manner in which categorizations of IT systems and software are organized and expressed							
								-
		OPTIONAL INFORMATION						
		Name and Trenta Surname	Affiliation and CT 504 Qualification		Linkedin other			
	Foreword ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate	Observations						
		Terms		Variant	Complementary	Al Act		
0	14971 -	159 Risk management	process		complementaly			30
		170 Management						
otion		1/0 Management				Article 043		30
ation	Application of risk management to medical devices	<sup>156</sup> Risk analysis				Article 043		30 30
	Article 009 (Residual risk); Article 009 (Risk evaluation); Article					Article 043 Article 009		
onship with	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 043 (Management): Article 001, Article 073, Article 006, Article 07, Article 043, Article 014 (Safely): Article 005 (Market for	<sup>156</sup> Risk analysis						30
nship with	Article 009 (Residual risk); Article 009 (Risk evaluation); Article 043 (Management); Article 001, Article 073, Article 006, Article 044 (Management); Article 001, Article 073, Article 006, Article 044 (Management); Article 04	<ul> <li><sup>156</sup> Risk analysis</li> <li><sup>158</sup> Risk evaluation</li> </ul>						30
onship with	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 043 (Management): Article 001, Article 073, Article 006, Article 07, Article 043, Article 014 (Safely): Article 005 (Market for	156       Risk analysis         158       Risk evaluation         238       Risk estimation	or safety reasons			Article 009		30 30 30
nship with <mark>\i Act</mark>	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 003 (Management): Article 001, Article 073, Article 006, Article 007, Article 043, Article 014 (Safety): Article 005 (Market for medical or safety reasons)	156       Risk analysis         158       Risk evaluation         238       Risk estimation         154       Residual risk	or safety reasons			Article 009 Article 009 Article 005 Article 001, Article 073, J	Article 006, Article 007,	30 30 30 30
unship with Ai Act	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 003 (Management): Article 001, Article 003, Article 006, Article 007, Article 004, Article 014 (Safety): Article 005 (Market for medical or safety reasons) https://www.iso.org/obp/ui/en/#iso:std:iso:14971:	156       Risk analysis         158       Risk evaluation         238       Risk estimation         154       Residual risk         239       Market for medical				Article 009 Article 009 Article 005	Article 006, Article 007,	30 30 30 30 30
onship with <mark>Ai Act</mark> Link	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 003 (Management): Article 001, Article 073, Article 006, Article 007, Article 043, Article 014 (Safety): Article 005 (Market for medical or safety reasons) https://www.iso.org/obp/ui/en/#iso:std:iso:14971: ed-3:v1:en	156       Risk analysis         158       Risk evaluation         238       Risk estimation         154       Residual risk         239       Market for medical         214       Safety	-			Article 009 Article 009 Article 005 Article 001, Article 073, J	Article 006, Article 007,	30 30 30 30 30 30 30
onship with <mark>Ai Act</mark> Link	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 003 (Management): Article 001, Article 003, Management): Article 014 (Safety): Article 005 (Market for medical or safety reasons) https://www.iso.org/obp/ui/en/#iso:std:iso:14971: ed-3:v1:en This document specifies terminology, principles and a process for risk management of medical	156       Risk analysis         158       Risk evaluation         238       Risk estimation         154       Residual risk         239       Market for medical         214       Safety	-			Article 009 Article 009 Article 005 Article 001, Article 073, J	Article 006, Article 007,	30 30 30 30 30 30 30
onship with Ai Act Link	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 003 (Management): Article 001, Article 003, Article 005, Article 007, Article 004, Article 014 (Safety): Article 005 (Market for medical or safety reasons)           https://www.iso.org/obp/ui/en/#iso:std:iso:14971:           ed.3:v1:en   This document specifies terminology, principles and a process for risk management of medical devicee	156       Risk analysis         158       Risk evaluation         238       Risk estimation         154       Residual risk         239       Market for medical         214       Safety	-			Article 009 Article 009 Article 005 Article 001, Article 073, J	Article 006, Article 007,	30 30 30 30 30 30 30
onship with Ai Act Link	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 003 (Management): Article 001, Article 007, Article 005, Article 007, Article 004, Article 014 (Safety): Article 005 (Market for medical or safety reasons) https://www.iso.org/obp/ui/en/#iso:std:iso:14971: ed-3:v1:en This document specifies terminology, principles and a process for risk management of medical	156       Risk analysis         158       Risk evaluation         238       Risk estimation         154       Residual risk         239       Market for medical         214       Safety	-			Article 009 Article 009 Article 005 Article 001, Article 073, J	Article 006, Article 007,	30 30 30 30 30 30 30
onship with Ai Act Link	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 003 (Management): Article 001, Article 003, Article 005, Article 007, Article 004, Article 014 (Safety): Article 005 (Market for medical or safety reasons)           https://www.iso.org/obp/ui/en/#iso:std:iso:14971:           ed-3:v1:en           This document specifies terminology, principles and a process for risk management of medical devices, including software as a medical devices. The process described in this document intends to assist manufacturers of medical devices to identify	156       Risk analysis         158       Risk evaluation         238       Risk estimation         154       Residual risk         239       Market for medical         214       Safety	-			Article 009 Article 009 Article 005 Article 001, Article 073, J	Article 006, Article 007,	30 30 30 30 30 30 30
onship with Ai Act Link	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 003 (Management): Article 014, Article 013, Article 005, Article 007, Article 014, Article 014 (Safety): Article 005 (Market for medical or safety reasons)           https://www.iso.org/obp/ui/en/#iso:std:iso:14971:           ed.3:v1:en           This document specifies terminology, principles and a process for risk management of medical devices, including software as a medical device and in vitro diagnostic medical devices. The process described in this document intends to assist manufacturers of medical devices to identify the hazards associated with the medical device, to	156       Risk analysis         158       Risk evaluation         238       Risk estimation         154       Residual risk         239       Market for medical         214       Safety	-			Article 009 Article 009 Article 005 Article 001, Article 073, J	Article 006, Article 007,	30 30 30 30 30 30 30
onship with Ai Act Link	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 003 (Management): Article 011, Article 073, Article 005, Article 007, Article 014, Article 014 (Safety): Article 005 (Market for medical or safety reasons)  https://www.iso.org/obp/ui/en/#iso:std:iso:14971:	156       Risk analysis         158       Risk evaluation         238       Risk estimation         154       Residual risk         239       Market for medical         214       Safety	-			Article 009 Article 009 Article 005 Article 001, Article 073, J	Article 006, Article 007,	30 30 30 30 30 30 30
onship with <mark>Ai Act</mark> Link	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 003 (Management): Article 011, Article 013, Article 005, Article 007, Article 014, Article 014, Safety): Article 005 (Market for medical or safety reasons)           https://www.iso.org/obp/ui/en/#iso:std:iso:14971:           ed-3:v1:en           This document specifies terminology, principles and a process for risk management of medical devices, including software as a medical devices and in vitro diagnostic medical devices. The process described in this document intends to assist manufacturers of medical devices to identify the hazards associated with the medical device, to estimate and evaluate the associated risks, to control these risks, and to monitor the effectiveness of the controls.	156       Risk analysis         158       Risk evaluation         238       Risk estimation         154       Residual risk         239       Market for medical         214       Safety	-			Article 009 Article 009 Article 005 Article 001, Article 073, J	Article 006, Article 007,	30 30 30 30 30 30 30
onship with <mark>Ai Act</mark> Link	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 003 (Management): Article 011, Article 073, Article 005, Article 007, Article 014, Article 014 (Safety): Article 005 (Market for medical or safety reasons)  https://www.iso.org/obp/ui/en/#iso:std:iso:14971: ded::vite=005 https://www.iso.org/obp/ui/en/#iso:std:iso:140 https://www.iso.org/obp/ui/en/#iso:std:iso:140 https://www.iso.org/obp/ui/en/#iso:std:iso:140 https://www.iso.org/obp/ui/en/#iso:std:iso:140 https://www.iso.org/obp/ui/en/#iso:std:iso:140 https://www.iso.org/obp/ui/en/#iso:std:iso:140 https://www.iso.org/obp/ui/en/#iso:std:iso:140 https://www.iso.org/obp/ui/en/#iso:std:iso:140 https://www.iso.org/obp/ui/en/#iso:st	156       Risk analysis         158       Risk evaluation         238       Risk estimation         154       Residual risk         239       Market for medical         214       Safety	-			Article 009 Article 009 Article 005 Article 001, Article 073, J	Article 006, Article 007,	30 30 30 30 30 30 30
onship with <mark>Ai Act</mark> Link	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 003 (Management): Article 011, Article 013, Article 005, Article 007, Article 014, Article 014 (Safety): Article 005 (Market for medical or safety reasons)  https://www.iso.org/obp/ui/en/#iso:std:iso:14971: d-3:v1:en This document specifies terminology, principles and a process for risk management of medical devices, including software as a medical device and in vitro diagnostic medical devices. The process described in this document intends to assist manufacturers of medical devices to identify the hazards associated with the medical device, to estimate and evaluate the associated risks, to control these risks, and to monitor the effectiveness of the ife cycle of a medical device. The process described in this document applies to	156       Risk analysis         158       Risk evaluation         238       Risk estimation         154       Residual risk         239       Market for medical         214       Safety	-			Article 009 Article 009 Article 005 Article 001, Article 073, J	Article 006, Article 007,	30 30 30 30 30 30 30
onship with <mark>Ai Act</mark> Link	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 003 (Management): Article 011, Article 013, Article 005, Article 007, Article 014, Article 014 (Safety): Article 005 (Market for medical or safety reasons)           https://www.iso.org/obp/ui/en/#iso:std:iso:14971:           ed.3:v1:en           This document specifies terminology, principles and a process for risk management of medical devices, including software as a medical devices and in vitro diagnostic medical devices to identify the hazards associated with the medical device, to estimate and evaluate the associated risks, to control these risks, and to monitor the effectiveness of the iontorls.           The rocess described in this document are applicable to all phases of the life cycle of a medical device. The process described in this document are applicable to all phases of the infectivenes and the sacciated risks, to control these risks document are applicable to all phases of the life cycle of a medical device.	156       Risk analysis         158       Risk evaluation         238       Risk estimation         154       Residual risk         239       Market for medical         214       Safety	-			Article 009 Article 009 Article 005 Article 001, Article 073, J	Article 006, Article 007,	30 30 30 30 30 30 30 30 30 30
onship with <mark>Ai Act</mark> Link	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 003 (Management): Article 011, Article 073, Article 005, Article 007, Article 013, Article 014 (Safety): Article 005 (Market for medical or safety reasons)  https://www.iso.org/obp/ui/en/#iso:std:iso:14971:	156       Risk analysis         158       Risk evaluation         238       Risk estimation         154       Residual risk         239       Market for medical         214       Safety         240       Safety components	-			Article 009 Article 009 Article 005 Article 001, Article 073, J	Article 006, Article 007,	30 30 30 30 30 30 30
onship with <mark>Ai Act</mark> Link	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 003 (Management): Article 011, Article 073, Article 006, Article 007, Article 013, Article 014 (Safety): Article 005 (Market for medical or safety reasons)  https://www.iso.org/obp/ui/en/#iso:std:iso:14971: ded-3:v1:en This document specifies terminology, principles and a process for risk management of medical devices, including software as a medical device and in vitro diagnostic medical devices. The process described in this document intends to assist manufacturers of medical devices to identify the hazards associated with the medical device, to estimate and evaluate the associated risks, to control these risks, and to monitor the effectiveness of the controls. The requirements of this document are applicable to all phases of the life cycle of a medical device. The process described in this document are applicable to all sassociated with a medical device, such as risks related to biocompatibility, data and systems security, electricity, moving parts, radiation, and usability.	156       Risk analysis         158       Risk evaluation         238       Risk estimation         154       Residual risk         239       Market for medical         214       Safety         240       Safety components	s of devices			Article 009 Article 009 Article 005 Article 001, Article 073, J	Article 006, Article 007,	30 30 30 30 30 30 30 30 30 30
onship with Ai Act Link Scope	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 003 (Management): Article 011, Article 073, Article 005, Article 007, Article 013, Article 014 (Safety): Article 005 (Market for medical or safety reasons)  https://www.iso.org/obp/ui/en/#iso:std:iso:14971:	156       Risk analysis         158       Risk evaluation         238       Risk estimation         154       Residual risk         239       Market for medical         214       Safety         240       Safety components	-		Linkedin other	Article 009 Article 009 Article 005 Article 001, Article 073, J	Article 006, Article 007,	30 30 30 30 30 30 30 30 30 30
ionship with Ai Act Link Scope	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 003 (Management): Article 011, Article 073, Article 005, Article 007, Article 013, Article 014 (Safety): Article 005 (Market for medical or safety reasons)  https://www.iso.org/obp/ui/en/#iso:std:iso:14971:	156       Risk analysis         158       Risk evaluation         238       Risk estimation         154       Residual risk         239       Market for medical         214       Safety         240       Safety components	s of devices			Article 009 Article 009 Article 005 Article 001, Article 073, J	Article 006, Article 007,	30 30 30 30 30 30 30 30 30 30
Unk Scope	Article 009 (Residual risk): Article 009 (Risk evaluation): Article 006, Management): Article 011, Article 013, Article 005, Article 007, Article 014, Article 014, Safety): Article 005 (Market for medical or safety reasons)           https://www.iso.org/obp/ui/en/#iso:std:iso:14971:           ed-3:v1:en           This document specifies terminology, principles and a process for risk management of medical devices, including software as a medical devices and in vitro diagnostic medical devices. The process described in this document intends to assist manufacturers of medical devices to identify the hazards associated with the medical device, to estimate and evaluate the associated risks, to control these risks, and to monitor the effectiveness of the controls.           The requirements of this document are applicable to all phases of the life cycle of a medical device, such as risks related to biocompatibility, data and systems security, electricity, moving parts, radiation, and usability.	156       Risk analysis         158       Risk evaluation         238       Risk estimation         154       Residual risk         239       Market for medical         214       Safety         240       Safety components	s of devices			Article 009 Article 009 Article 005 Article 001, Article 073, J	Article 006, Article 007,	30 30 30 30 30 30 30 30 30 30

	STANDARD			Standard AI Act	Mapping		Terminology	<b>WINFO</b>	
	The data presented have a value for resea	arch		Number			new	aiopen Hosting develop	
		aon	Terms		Variant	Complementary	Al Act		
ID <b>48</b>	17847 -		<sup>110</sup> Verification and	d validation		, ,	Article 074		48
		_	235 Processes						48
pecification	Verification and validation Analysis of AI systems		4 AI systems				Article 003, Article 002, Article 043 Article 043	rticle 004, Article 006,	48
Relationship with	Article 003, Article 002, Article 004, Article 006, Article 007,		282 Formal method				Arnela III7 Arnela IIA3 Ar		48
Ai Act	(Al systems): Article 014, Article 017, Article 014, Article 011 (Al systems): Article 015, Article 017, Article 009 (Lifecycle):		90 Evaluation						48
	Article 074 (Verification and validation)		49 Lifecycle				Article 015, Article 017, Ar	rticle 009	48
			-						
Link	https://www.iso.org/standard/85072.html								
Scono		_							
Scope	AWI TS This document describes approaches and								
	provides guidance on processes for the								
	verification and validation analysis of AI systems								
	(comprising AI system components and the interaction of non-AI components with the AI								
	system components) including formal methods,								
	simulation and evaluation. This document is								
	applicable for AI systems verification and validation in the context of the AI system life cycle								
	stages described in ISO/IEC 22989.								
									▼
			OPTIONAL INFORMATI Name and	Affiliation and		Linkedin			
Full text	ISO/IEC AWI TS 17847	Ξ.	Surname	Qualification		other			
	ISO/IEC AWI IS 17847 Information technology — Artificial intelligence —	OL	bservations						
	Verification and validation analysis of AI systems								
	Under development A working group has prepared a draft.								
	A working group has prepared a drait.								
	Lat		Terms		Variant	Complementary	ALAct		
<b>50</b>	22443 -		250 Societal concer	rns					50
			249 Ethical concern	IS					
citication		_	Ethiota concom						50
	Guidance on addressing sociatal concerns and		<sup>49</sup> Lifecycle				Article 015, Article 017, Ar	rticle 009	50
elationship	Guidance on addressing sociatal concerns and ethical considerations								
elationship	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 077,		49 Lifecycle				Article 015, Article 017, Ar Article 003, Article 002, Ar Article 007, Article 043, Ar		50
lationship	Guidance on addressing sociatal concerns and ethical considerations		49 Lifecycle						50
lationship	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 077,		49 Lifecycle						50
lationship	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 077,		49 Lifecycle						50
elationship with Ai Act	Guidance on addressing sociatal concerns and ethical considerations Article 03, Article 002, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems): Article 015, Article 017, Article 009 (Lifecycle)		49 Lifecycle						50
elationship with Ai Act Link	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems): Article 015, Article 017, Article 009 (Lifecycle) https://www.iso.org/standard/87119.html		49 Lifecycle						50
elationship with Ai Act Link	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems): Article 015, Article 017, Article 009 (Lifecycle) https://www.iso.org/standard/87119.html		49 Lifecycle						50
elationship with Ai Act Link	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems); Article 015, Article 017, Article 009 (Lifecycle) https://www.iso.org/standard/87119.html		49 Lifecycle						50
elationship with Ai Act Link	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074 (Al systems): Article 015, Article 017, Article 009 (Lifecycle) https://www.iso.org/standard/87119.html		49 Lifecycle						50
lationship with Ai Act Link	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 004, Article 006, Article 007, Article 03, Article 014, Article 072, Article 074, Article 071 (Al systems): Article 015, Article 017, Article 009 (Lifecycle) https://www.iso.org/standard/87119.html AWI TS This document provides guidance on how an organization can identify and address societal concerns and ethical considerations during the life cycle of Al systems that can potentially harm individuals and society. The document expands		49 Lifecycle						50
lationship with Ai Act Link	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems); Article 015, Article 017, Article 009 (Lifecycle) https://www.iso.org/standard/87119.html AWI TS This document provides guidance on how an organization can identify and address societal concerns and ethical considerations during the life cycle of Al systems that can potentially harm individuals and society. The document expands existing Al system governance, management		49 Lifecycle						50
lationship with Ai Act Link	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 004, Article 006, Article 007, Article 03, Article 014, Article 072, Article 074, Article 071 (Al systems): Article 015, Article 017, Article 009 (Lifecycle) https://www.iso.org/standard/87119.html AWI TS This document provides guidance on how an organization can identify and address societal concerns and ethical considerations during the life cycle of Al systems that can potentially harm individuals and society. The document expands		49 Lifecycle						50
lationship with Ai Act Link	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems); Article 015, Article 017, Article 009 (Lifecycle) https://www.iso.org/standard/87119.html AWI TS This document provides guidance on how an organization can identify and address societal concerns and ethical considerations during the life cycle of Al systems that can potentially harm individuals and society. The document expands existing Al system governance, management		49 Lifecycle						50
lationship with Ai Act Link	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems); Article 015, Article 017, Article 009 (Lifecycle) https://www.iso.org/standard/87119.html AWI TS This document provides guidance on how an organization can identify and address societal concerns and ethical considerations during the life cycle of Al systems that can potentially harm individuals and society. The document expands existing Al system governance, management		49 Lifecycle						50
lationship with Ai Act Link	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems); Article 015, Article 017, Article 009 (Lifecycle) https://www.iso.org/standard/87119.html AWI TS This document provides guidance on how an organization can identify and address societal concerns and ethical considerations during the life cycle of Al systems that can potentially harm individuals and society. The document expands existing Al system governance, management		49 Lifecycle						50
lationship with Ai Act Link	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems); Article 015, Article 017, Article 009 (Lifecycle) https://www.iso.org/standard/87119.html AWI TS This document provides guidance on how an organization can identify and address societal concerns and ethical considerations during the life cycle of Al systems that can potentially harm individuals and society. The document expands existing Al system governance, management		49 Lifecycle						50
lationship with Ai Act Link	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems); Article 015, Article 017, Article 009 (Lifecycle) https://www.iso.org/standard/87119.html AWI TS This document provides guidance on how an organization can identify and address societal concerns and ethical considerations during the life cycle of Al systems that can potentially harm individuals and society. The document expands existing Al system governance, management		49 Lifecycle						50
lationship with Ai Act Link	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems); Article 015, Article 017, Article 009 (Lifecycle) https://www.iso.org/standard/87119.html AWI TS This document provides guidance on how an organization can identify and address societal concerns and ethical considerations during the life cycle of Al systems that can potentially harm individuals and society. The document expands existing Al system governance, management		49 Lifecycle						50
lationship with Ai Act Link	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems); Article 015, Article 017, Article 009 (Lifecycle) https://www.iso.org/standard/87119.html AWI TS This document provides guidance on how an organization can identify and address societal concerns and ethical considerations during the life cycle of Al systems that can potentially harm individuals and society. The document expands existing Al system governance, management		49 Lifecycle						50
elationship with Ai Act Link Scope	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 002, Article 007, Article 007, Article 03, Article 014, Article 072, Article 074, Article 071 (Al systems): Article 015, Article 017, Article 009 (Lifecycle) https://www.iso.org/standard/87119.html AWI TS This document provides guidance on how an organization can identify and address societal concerns and ethical considerations during the life cycle of Al systems that can potentially harm individuals and society. The document expands existing Al system governance, management system and impact assessment standards.	C	49 Lifecycle 4 Al systems	ON Affiliation and Qualification		Linkedin			50
elationship with Ai Act Link Scope	Guidance on addressing sociatal concerns and ethical considerations Article 03, Article 002, Article 074, Article 077, Article 03, Article 014, Article 072, Article 074, Article 071 (Al systems): Article 015, Article 017, Article 009 (Lifecycle) https://www.iso.org/standard/87119.html AWI TS This document provides guidance on how an organization can identify and address societal concerns and ethical considerations during the life cycle of Al systems that can potentially harm individuals and society. The document expands existing Al system governance, management system and impact assessment standards.	C	49 Lifecycle 4 Al systems	Affiliation and					50
elationship with Ai Act Link Scope	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 002, Article 007, Article 007, Article 03, Article 014, Article 072, Article 074 (Al systems): Article 015, Article 017, Article 009 (Lifecycle) https://www.iso.org/standard/87119.html AWI TS This document provides guidance on how an organization can identify and address societal concerns and ethical considerations during the life cycle of Al systems that can potentially harm individuals and society. The document expands existing Al system governance, management system and impact assessment standards.	C	49 Lifecycle  4 Al systems	Affiliation and					50
elationship with Ai Act Link Scope Full text	Guidance on addressing sociatal concerns and ethical considerations Article 03, Article 002, Article 007, Article 007, Article 03, Article 014, Article 072, Article 074, Article 071 (Al systems): Article 015, Article 017, Article 009 (Liflecycle) https://www.iso.org/standard/87119.html AWI TS This document provides guidance on how an organization can identify and address societal concerns and ethical considerations during the lifle cycle of Al systems that can potentially harm individuals and society. The document expands existing Al system governance, management system and impact assessment standards.	C	49 Lifecycle  4 Al systems	Affiliation and					50
elationship with Ai Act Link Scope Full text	Guidance on addressing sociatal concerns and ethical considerations Article 003, Article 002, Article 007, Article 007, Article 03, Article 014, Article 072, Article 074 (Al systems): Article 015, Article 017, Article 009 (Lifecycle) https://www.iso.org/standard/87119.html AWI TS This document provides guidance on how an organization can identify and address societal concerns and ethical considerations during the life cycle of Al systems that can potentially harm individuals and society. The document expands existing Al system governance, management system and impact assessment standards.	C	49 Lifecycle  4 Al systems	Affiliation and					50

New	STANDARD			Standa Numb		Mapping		Terminology new	UNINFO		
	The data presented have a value for researc	ch ai	nd not	a legal value.					aiopen develo	and ping	
			Term	ns		Variant	Complementary				
ID <b>26</b>	22989 -	19 64		ficial intelligence				Article 003, Article 001		26 26	<b>^</b>
Specification	Artificial intelligence concepts and terminology			ms related to Ai	mputer vision					26	
Relationship	Article 015 (Data quality reporting); Article 074 (Validation);			ms related to dat	-					26	
Ai Act	Article 003, Article 001 (Artificial intelligence); Article 015 (Cybersecurity); Article 004 (Knowledge)	20	2 Terr	ms related to ma	chnine learning					26	
		20	<sup>5</sup> Terr	ms related to nat	tural language proces	ssing				26	
				ms related to neu						26	
Link	https://www.iso.org/obp/ui/en/#iso:std:iso-	í I		ms related to trus						26	
	iec:22989:ed-1:v1:en			a quality reportin	g			Article 015		26	
Scope	This document establishes terminology for AI and describes concepts in the field of AI.			ersecurity wledge				Article 015 Article 004		26	
	This document can be used in the development of			dation				Article 074		26	
	other standards and in support of communications among diverse, interested parties or stakeholders. This document is applicable to all types of organizations (e.g. commercial enterprises, government agencies, not-for-profit organizations).										
				. INFORMATION							•
	Foreword		ne and rname	Domenico Natale	Affiliation and UNI CT 5 Qualification UNI CT 5	33 (member) 04 (president)	Linkedin https://www.link other originalSubdom	edin.com/in/domenico-natal ain=it	e-a9b99812/?		
	Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate		Term			Variant	Complementary				
ID <b>24</b>	23894 -			k management				Article 017, Article 009, A Article 007	Article 012, Article 006,	24	<b>^</b>
pecification	Guidance on risk management		Des	dership				Article 017 Article 010, Article 017		24	
elationship	Article 010, Article 017 (Design); Article 017 (Leadership);			luation				Antoic 010, Antoic 011		24	
Ai Act	Article 017, Article 009, Article 012, Article 06, Article 007 (Risk management); Article 006 (Products)	91	Impi	rovement						24	
		16	<sup>0</sup> Risk	<pre>c treatment</pre>						24	
		11	<sup>2</sup> Mor	nitoring						24	
Link		í		cesses						24	
	https://www.iso.org/obp/ui/en/#iso:std:iso- iec:23894:ed-1:v1:en	23	6 Proc	ducts				Article 006		24	
	This document provides guidance on how organizations that develop, produce, deploy or use products, systems and services that utilize artificial intelligence (AI) can manage risk specifically related to AI. The guidance also aims to assist organizations to integrate risk management into their AI-related activities and functions. It moreover describes processes for the effective implementation and integration of AI risk management. The application of this guidance can be customized to any organization and its context.										
		$  \vdash$									-
		Nan		INFORMATION Domenico Natale	Affiliation and UNI CT 5 Qualification UNI CT 5	33 (member) 04 (president)	Linkedin https://www.link other originalSubdom	edin.com/in/domenico-natal ain=it	e-a9b99812/?		
	Foreword ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate	1	rvations								

	STANDARD		Standar Numbe		Mapping		Terminology new	Technical Committee	
	The data presented have a value for resear	ch and not a						aiopen Hosting develop	and
		Terms	logal value.		Variant	Complementary	Al Act		
ID 13	24027 -	51 Function	onal correctnes	s					13
necification	Bias in AI systems and AI aided decision making	<sup>16</sup> Chara	cteristics of the	data sets may be met	at				13
ooomounon,	bias in Al systems and Al alded decision making	14 Bias							13
Relationship with	Alucie 010, Alucie 017 (Design), Alucie 013, Alucie 017,	<sup>106</sup> Data b	pias						13
Ai Act	Article 009 (Lifecycle)	<sup>34</sup> Desigr	ı				Article 010, Article 017		13
		49 Lifecyc	cle				Article 015, Article 017, Ar	rticle 009	13
		<sup>107</sup> Softwa	are testing						13
		-	responsibility						13
Link	https://www.iso.org/obp/ui/en/#iso:std:iso-iec: tr:24027:ed-1:v1:en								
Scope	This document addresses bias in relation to Al	1							
	systems, especially with regards to Al-aided decision-making. Measurement techniques and methods for assessing bias are described, with the aim to address and treat bias-related								
	vulnerabilities. All Al system lifecycle phases are in								
	scope, including but not limited to data collection, training, continual learning, design, testing,								
	evaluation and use.								
		OPTIONAL IN							
	Foreword	Name and Do Surname	omenico Natale	Affiliation and UNI CT 533 ( Qualification UNI CT 504 (	member) president)	Linkedin https://www.linke other originalSubdom	edin.com/in/domenico-natale ain=it	-a9b99812/?	
	The work of preparing International Standards is normally carried out through ISO technical	Terms			Variant				
			tome			Complementary	AIAct		
<b>42</b>	24028 -	4 AI syst	lems			Complementary	Al Act Article 003, Article 002, Ar Article 007 Article 043 Ar	rticle 004, Article 006, rticle 014 Article 072	42
		4 AI syst				Complementary		rticle 004, Article 006, rticle 014 Article 072	42 42
cification	Overview of trustworhiness in Al	-	vorthiness			Complementary		rticle 004, Article 006, rticle 014 Article 072	
cification lationship with	Overview of trustworhiness in Al Article 003, Article 002, Article 004, Article 006, Article 007,	135 Trustw	vorthiness hm			Complementary		rticle 004, Article 006, ticle 014 Article 079	42
cification lationship	Overview of trustworhiness in Al Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 012, Article 072, Article 071 (Al systems), Article 010 (Consistency), Article 015 (Security);	<sup>135</sup> Trustw <sup>265</sup> Algorit	vorthiness hm omy			Complementary	Article 003, Article 002, Ar Article 007 Article 043 Ar	rticle 004, Article 006, ticle 014 Article 072	42
cification lationship with	Overview of trustworthiness in Al Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems): Article 010 (Consistency): Article 015 (Security): Article 014 (Validation): Article 003, Article 016 (Matilical	135 Trustw 265 Algorit 266 Autono	vorthiness hm omy			Complementary	Article 003, Article 002, An Article 007 Article 043 An Article 007	rticle 004, Article 006, rticle 014 Article 072	42 42 42
cification lationship with	Overview of trustworthiness in Al Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems): Article 010 (Consistency): Article 015 (Security): Article 074 (Validaton): Article 003, Article 001 (Artificial intelligence): Article 006 (Testing): Article 001, Article 073, Article 006, Article 007, Article 003, Article 001, Article 073, Article 006, Article 007, Article 003, Article 001, Article 073, Article 006, Article 007, Article 003, Article 001, Article 073, Article 006, Article 007, Article 003, Article 001, Article 0073, Article 006, Article 007, Article 003, Article 001, Article 0073, Article 006, Article 007, Article 003, Article 014 (SafetV):	135Trustw265Algorit266Autono25Consis	vorthiness hm omy stency			Complementary	Article 003, Article 002, Ar Article 007 Article 007 Article 010	rticle 004, Article 006, rticle 014 Article 072	42 42 42 42
ecification lationship with Ai Act	Overview of trustworhiness in Al Article 003, Article 004, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems): Article 010 (Consistency): Article 015 (Security): Article 074 (Validation): Article 003, Article 010 (Artificial intelligence): Article 060 (Testing): Article 001, Article 073, Article 006, Article 007 (Tabal; Article 001 (Asticle): Article 006 (Article 007, Article 043, Article 007 (Autonomy ): Article 060 (Personal data)	135       Trustw         265       Algorit         266       Autono         25       Consis         260       Data         39       Efficien         267       Human	vorthiness hm pomy stency ncy			Complementary	Article 003, Article 002, Ar Article 007 Article 007 Article 010	rticle 004, Article 006, rticle 014 Article 072	42 42 42 42 42 42
ecification elationship with Ai Act	Overview of trustworhiness in Al Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 012, Article 072, Article 074, Article 071 (Al systems); Article 010, Article 003, Article 015 (Sacurity); Article 0074 (Validation); Article 003, Article 0101 (Artificial Intelligence); Article 006, Article 043, Article 0414 (Safety); Article 006, Article 007, Article 047, Article 007, Article 006, Article 060 (Personal data) https://www.iso.org/obp/uilen/#iso:std:iso-	135       Trustw         265       Algorit         266       Autono         25       Consis         260       Data         39       Efficien         267       Human	vorthiness hm pmy stency ncy n Factor			Complementary	Article 003, Article 002, Ar Article 007 Article 007 Article 010	rticle 004, Article 006, rticle 014 Article 072	42 42 42 42 42 42 42 42
ecification lationship with Ai Act	Overview of trustworhiness in Al Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 012, Article 074, Article 074, Article 071 (Al systems): Article 010 (Socialization): Article 003, Article 001 (Artificial intelligence): Article 000 (Testing): Article 001, Article 007, Article 006, Article 007, Article 043, Article 014 (Safety): Article 004, Training): Article 071 (Data): Article 007 (Autonomy ): Article 006 (Personal data) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:38507.sed-1:v1:en	135Trustw265Algorit266Autono25Consis260Data39Efficient267Human	vorthiness hm omy stency ncy n Factor ation			Complementary	Article 003, Article 002, Ar Article 007 Article 007 Article 010	rticle 004, Article 006, rticle 014 Article 072	42 42 42 42 42 42 42 42 42 42
ecification elationship with Ai Act	Overview of trustworhiness in Al Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 012, Article 072, Article 074, Article 071 (Al systems); Article 010, Article 003, Article 015 (Sacurity); Article 0074 (Validation); Article 003, Article 0101 (Artificial Intelligence); Article 006, Article 043, Article 0414 (Safety); Article 006, Article 007, Article 047, Article 007, Article 006, Article 060 (Personal data) https://www.iso.org/obp/uilen/#iso:std:iso-	135Trustw265Algorit266Autono25Consis260Data39Efficient267Human268Inform	vorthiness hm omy stency ncy n Factor ation ne learning			Complementary	Article 003, Article 002, Ar Article 007 Article 007 Article 010	rticle 004, Article 006, rticle 014 Article 072	42 42 42 42 42 42 42 42 42 42 42
ecification lationship with Ai Act	Overview of trustworhiness in Al Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 012, Article 074, Article 074, Article 043, Article 010 (Consistency): Article 015 (Security): Article 067, Article 000 (Testing): Article 001 (Artificial intelligence): Article 000 (Testing): Article 001, Article 073, Article 004, Article 007, Article 034, Article 14 (Safety): Article 004 (Training): Article 071 (Data): Article 007 (Autonomy ): Article 060 (Personal data) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:38507:ed-1:v1:en This document surveys topics related to	135Trustw265Algorit266Autono25Consis260Data39Efficien267Human268Inform269Machin	vorthiness hm omy stency ncy n Factor ation ne learning I network			Complementary	Article 003, Article 002, Ar Article 007 Article 007 Article 010	rticle 004, Article 006, rticle 014 Article 072	42 42 42 42 42 42 42 42 42 42 42 42 42
ecification elationship with Ai Act	Overview of trustworhiness in Al Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 012, Article 074, Article 074, Article 043, Article 010 (Consistency): Article 015 (Security): Article 067, Article 000 (Testing): Article 001 (Artificial intelligence): Article 000 (Testing): Article 001, Article 073, Article 004, Article 007, Article 034, Article 14 (Safety): Article 004 (Training): Article 071 (Data): Article 007 (Autonomy ): Article 060 (Personal data) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:38507:ed-1:v1:en This document surveys topics related to	135     Trustw       265     Algorit       266     Autono       25     Consis       260     Data       39     Efficien       268     Inform       269     Machin       270     Neural	vorthiness hm omy stency ncy n Factor ation ne learning I network nal data			Complementary	Article 002, Article 002, Ar Article 007 Article 003 Ar Article 007 Article 010 Article 010 Article 071	rticle 004, Article 006, rticle 014 Article 072	42 42 42 42 42 42 42 42 42 42 42 42 42 4
ecification elationship with Ai Act	Overview of trustworhiness in Al Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 012, Article 074, Article 074, Article 043, Article 010 (Consistency): Article 015 (Security): Article 067, Article 000 (Testing): Article 001 (Artificial intelligence): Article 000 (Testing): Article 001, Article 073, Article 004, Article 007, Article 034, Article 14 (Safety): Article 004 (Training): Article 071 (Data): Article 007 (Autonomy ): Article 060 (Personal data) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:38507:ed-1:v1:en This document surveys topics related to	135     Trustw       265     Algorit       266     Autono       25     Consis       260     Data       39     Efficien       267     Human       268     Inform       269     Machin       270     Neural       271     Person	vorthiness hm omy stency ncy n Factor ation ne learning I network nal data			Complementary	Article 002, Article 002, Ar Article 007 Article 003 Ar Article 007 Article 010 Article 010 Article 071	rticle 004, Article 006, rticle 014 Article 072	42 42 42 42 42 42 42 42 42 42 42 42 42 4
cification lationship with Ai Act	Overview of trustworhiness in Al Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 012, Article 074, Article 074, Article 043, Article 010 (Consistency): Article 015 (Security): Article 067, Article 000 (Testing): Article 001 (Artificial intelligence): Article 000 (Testing): Article 001, Article 073, Article 004, Article 007, Article 034, Article 14 (Safety): Article 004 (Training): Article 071 (Data): Article 007 (Autonomy ): Article 060 (Personal data) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:38507:ed-1:v1:en This document surveys topics related to	135Trustw265Algorit266Autono25Consis260Data39Efficient267Human268Inform269Machin270Neural271Person274Robot	vorthiness hm			Complementary	Article 002, Article 002, Ar Article 007 Article 0.03 Ar Article 007 Article 010 Article 010 Article 071 Article 060		42 42 42 42 42 42 42 42 42 42 42 42 42 4
cification lationship with Ai Act	Overview of trustworhiness in Al Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 012, Article 074, Article 074, Article 043, Article 010 (Consistency): Article 015 (Security): Article 067, Article 000 (Testing): Article 001 (Artificial intelligence): Article 000 (Testing): Article 001, Article 073, Article 004, Article 007, Article 034, Article 14 (Safety): Article 004 (Training): Article 071 (Data): Article 007 (Autonomy ): Article 060 (Personal data) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:38507:ed-1:v1:en This document surveys topics related to	135Trustw265Algorit266Autono25Consis260Data39Efficient267Human268Inform269Machin270Neural271Person274Robot119Risk	vorthiness hm pomy stency ncy n Factor ation ne learning I network nal data			Complementary	Article 002, Article 002, Ar Article 007 Article 003 Ar Article 007 Article 010 Article 010 Article 071		42 42 42 42 42 42 42 42 42 42 42 42 42 4
cification lationship with Ai Act	Overview of trustworhiness in Al Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 012, Article 074, Article 074, Article 043, Article 010 (Consistency): Article 015 (Security): Article 067, Article 000 (Testing): Article 001 (Artificial intelligence): Article 000 (Testing): Article 001, Article 073, Article 004, Article 007, Article 034, Article 14 (Safety): Article 004 (Training): Article 071 (Data): Article 007 (Autonomy ): Article 060 (Personal data) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:38507:ed-1:v1:en This document surveys topics related to	135       Trustw         265       Algorit         266       Autono         25       Consis         260       Data         39       Efficient         267       Human         268       Inform         269       Machin         270       Neural         271       Person         274       Robot         119       Risk         214       Safety	vorthiness hm omy stency ncy n Factor ation ne learning I network nal data ty			Complementary	Article 003, Article 002, Ar Article 007 Article 003 Ar Article 007 Article 007 Article 010 Article 071 Article 071 Article 060 Article 060		42 42 42 42 42 42 42 42 42 42 42 42 42 4
cification lationship with Ai Act	Overview of trustworhiness in Al Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 012, Article 074, Article 074, Article 043, Article 010 (Consistency): Article 015 (Security): Article 067, Article 000 (Testing): Article 001 (Artificial intelligence): Article 000 (Testing): Article 001, Article 073, Article 004, Article 007, Article 034, Article 14 (Safety): Article 004 (Training): Article 071 (Data): Article 007 (Autonomy ): Article 060 (Personal data) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:38507:ed-1:v1:en This document surveys topics related to	135       Trustw         265       Algorit         266       Autono         25       Consis         260       Data         39       Efficient         267       Human         268       Inform         269       Machin         270       Neural         271       Person         274       Robot         119       Risk         214       Safety         66       Securit	vorthiness hm omy stency ncy n Factor ation ne learning I network nal data ty ty			Complementary	Article 003, Article 002, Ar Article 007 Article 003 Ar Article 007 Article 007 Article 010 Article 071 Article 071 Article 060 Article 060		42 42 42 42 42 42 42 42 42 42 42 42 42 4
cification lationship with Ai Act	Overview of trustworhiness in Al Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 012, Article 074, Article 074, Article 043, Article 010 (Consistency): Article 015 (Security): Article 067, Article 000 (Testing): Article 001 (Artificial intelligence): Article 000 (Testing): Article 001, Article 073, Article 004, Article 007, Article 034, Article 14 (Safety): Article 004 (Training): Article 071 (Data): Article 007 (Autonomy ): Article 060 (Personal data) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:38507:ed-1:v1:en This document surveys topics related to	135       Trustw         265       Algorit         266       Autono         25       Consis         260       Data         39       Efficient         267       Human         268       Inform         269       Machin         270       Neural         271       Person         274       Robot         119       Risk         214       Safety         66       Securi         113       Stakef	vorthiness hm omy stency ncy n Factor ation ne learning I network nal data				Article 003, Article 02, Ar Article 007 Article 007 Article 007 Article 010 Article 010 Article 010 Article 010 Article 011 Article 060 Article 001, Article 073, Ar Article 013 Article 015		42 42 42 42 42 42 42 42 42 42 42 42 42 4
ecification elationship with Ai Act	Overview of trustworhiness in Al Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 012, Article 074, Article 074, Article 043, Article 010 (Consistency): Article 015 (Security): Article 067, Article 000 (Testing): Article 001 (Artificial intelligence): Article 000 (Testing): Article 001, Article 073, Article 004, Article 007, Article 034, Article 14 (Safety): Article 004 (Training): Article 071 (Data): Article 007 (Autonomy ): Article 060 (Personal data) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:38507:ed-1:v1:en This document surveys topics related to	135       Trustw         265       Algorit         266       Autono         25       Consis         260       Data         39       Efficien         267       Human         268       Inform         269       Machin         270       Neural         271       Person         274       Robot         119       Risk         214       Safety         66       Securi         113       Stakef         233       Trainini         76       Validation	vorthiness hm omy stency ncy n Factor ation ne learning I network nal data				Article 003, Article 002, Ar Article 007 Article 007 Article 007 Article 010 Article 010 Article 010 Article 010 Article 010 Article 010 Article 010 Article 011 Article 013 Article 014 Article 014 Article 014 Article 014 Article 014		42 42 42 42 42 42 42 42 42 42 42 42 42 4
ecification elationship with Ai Act	Overview of trustworhiness in Al Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 012, Article 074, Article 074, Article 043, Article 010 (Consistency): Article 015 (Security): Article 067, Article 000 (Testing): Article 001 (Artificial intelligence): Article 000 (Testing): Article 001, Article 073, Article 004, Article 007, Article 034, Article 14 (Safety): Article 004 (Training): Article 071 (Data): Article 007 (Autonomy ): Article 060 (Personal data) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:38507:ed-1:v1:en This document surveys topics related to	135       Trustw         265       Algorit         266       Autono         25       Consis         260       Data         39       Efficiel         267       Humar         268       Inform         269       Machin         270       Neural         271       Person         274       Robot         119       Risk         214       Safety         66       Securi         113       Stakef         233       Trainin'         76       Validat         194       Artificia	vorthiness hm omy stency ncy n Factor ation ne learning I network nal data ty nolder ty nolder ng tion al intelligence				Article 003, Article 002, Ar Article 007 Article 007 Article 007 Article 010 Article 010 Article 011 Article 011 Article 011 Article 060 Article 001, Article 073, Ar Article 015 Article 015 Article 004 Article 004 Article 074		42 42 42 42 42 42 42 42 42 42 42 42 42 4
ecification elationship with Ai Act	Overview of trustworhiness in Al Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 012, Article 074, Article 074, Article 043, Article 010 (Consistency): Article 015 (Security): Article 067, Article 000 (Testing): Article 001 (Artificial intelligence): Article 000 (Testing): Article 001, Article 073, Article 004, Article 007, Article 034, Article 14 (Safety): Article 004 (Training): Article 071 (Data): Article 007 (Autonomy ): Article 060 (Personal data) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:38507:ed-1:v1:en This document surveys topics related to	135       Trustw         265       Algorit         266       Autono         25       Consis         260       Data         39       Efficien         267       Human         268       Inform         269       Machin         270       Neural         271       Person         274       Robot         119       Risk         214       Safety         66       Securi         113       Stakef         233       Trainin         76       Validai         194       Artificia	rorthiness hm omy stency stency n Factor ation ne learning I network nal data 19 foot data 10 fo	Affiliation and CT E22			Article 003, Article 002, Ar Article 007 Article 007 Article 007 Article 010 Article 010 Article 011 Article 011 Article 011 Article 060 Article 001, Article 073, Ar Article 015 Article 015 Article 004 Article 004 Article 074		42 42 42 42 42 42 42 42 42 42 42 42 42 4
ecification elationship with Ai Act	Overview of trustworhiness in Al Article 003, Article 002, Article 004, Article 006, Article 007, Article 003, Article 002, Article 074, Article 074, Article 074, Article 006, Article 000, Article 003, Article 001 (Article 073, Article 006, Article 007, Article 071, (Data), Article 007 (Autonomy ): Article 007, Article 071, (Data), Article 007 (Autonomy ): Article 007, Orasing), Article 007 (Autonomy ): Article 006, Orasing), Article 007 (Autonomy ): Article 007, Orasing), Article 007 (Autonomy ): Article 006, Orasing), Article 007 (Autonomy ): Article 007	135       Trustw         265       Algorit         266       Autono         25       Consis         260       Data         39       Efficiel         267       Humar         268       Inform         269       Machin         270       Neural         271       Person         274       Robot         119       Risk         214       Safety         66       Securi         113       Stakef         233       Trainin'         76       Validat         194       Artificia	vorthiness hm omy stency ncy n Factor ation ne learning I network nal data ty holder 19 tion al intelligence FORMATION tale	Vfiliation and CT 533 Qualification		Linkedin	Article 003, Article 002, Ar Article 007 Article 007 Article 007 Article 010 Article 010 Article 011 Article 011 Article 011 Article 060 Article 001, Article 073, Ar Article 015 Article 015 Article 004 Article 004 Article 074		42 42 42 42 42 42 42 42 42 42 42 42 42 4
lelationship with Ai Act	Overview of trustworhiness in Al         Article 003, Article 002, Article 004, Article 006, Article 007,         Article 043, Article 014, Article 074, Article 074, Article 071,         Article 066, Article 003, Article 003, Article 001, Article 073,         Article 066, Article 007, Article 043, Article 014, Article 073,         Article 066, Article 007, Article 043, Article 014, Article 073,         Article 066, Article 007, Article 014, Article 014, Article 007,         Article 066, Article 007, Article 014, Article 014, Article 007,         Article 066, Article 007, Article 014, Article 014, Article 007,         Article 066, Article 007, Article 014, Article 014, Caslety);         Article 060, Article 007, Article 014, Caslety);         Article 006, Article 007, Article 014, Article 014, Caslety);         Article 006, Article 007, Article 014, Caslety);         Article 006, Article 007, Article 014, Caslety);         Article 006, Article 007, Article 014, Caslety);         Article 007, Article 007, Article 007, Article 007, (Autonomy );         Article 006, Article 007,	135       Trustw         265       Algorit         266       Autono         25       Consis         260       Data         39       Efficien         267       Human         268       Inform         269       Machin         270       Neural         271       Person         274       Robot         119       Risk         214       Safety         66       Securi         113       Stakef         233       Trainin         76       Validat         194       Artificia         OPTIONAL IN       Name and	vorthiness hm omy stency ncy n Factor ation ne learning I network nal data ty holder 19 tion al intelligence FORMATION tale	Affiliation and CT 533 Qualification		Linkedin	Article 003, Article 002, Ar Article 007 Article 007 Article 007 Article 010 Article 010 Article 011 Article 011 Article 011 Article 060 Article 001, Article 073, Ar Article 015 Article 015 Article 004 Article 004 Article 074		42 42 42 42 42 42 42 42 42 42 42 42 42 4
ecification lelationship with Ai Act	Overview of trustworhiness in Al Article 003, Article 002, Article 004, Article 006, Article 007, Article 003, Article 002, Article 074, Article 074, Article 074, Article 006, Article 000, Article 003, Article 001 (Article 073, Article 006, Article 007, Article 071, (Data), Article 007 (Autonomy ): Article 007, Article 071, (Data), Article 007 (Autonomy ): Article 007, Orasing), Article 007 (Autonomy ): Article 006, Orasing), Article 007 (Autonomy ): Article 007, Orasing), Article 007 (Autonomy ): Article 006, Orasing), Article 007 (Autonomy ): Article 007	135       Trustw         265       Algorit         266       Autono         25       Consis         260       Data         39       Efficien         267       Human         268       Inform         269       Machin         270       Neural         271       Person         274       Robot         119       Risk         214       Safety         66       Securi         113       Stakef         233       Trainini         76       Validat         194       Artificiat         OPTIONAL IN       Name and	vorthiness hm omy stency ncy n Factor ation ne learning I network nal data ty holder 19 tion al intelligence FORMATION tale	Affiliation and CT 533 Qualification		Linkedin	Article 003, Article 002, Ar Article 007 Article 007 Article 007 Article 010 Article 010 Article 011 Article 011 Article 011 Article 060 Article 001, Article 073, Ar Article 015 Article 015 Article 004 Article 004 Article 074		42 42 42 42 42 42 42 42 42 42 42 42 42 4

New	STANDARD		Stand		Mapping		Terminology	UNINFO		
			Numb	ber			new	Hosting and developing		
	The data presented have a value for resear		not a legal value. Terms		Variant	Complementary	ALAct	Continue developing		
ID <b>21</b>	24029 - 1	194	Artificial intelligence				Article 003, Article 001	21	<b></b>	
Specification	Assessment of the robustness of neural networks -		Artificial neural netw	ork				21		
	Part 1 Overview		Testing				Article 060	21		
Relationship with Ai Act			Robusteness Training, validation,	testing datasets			Article 015 Article 010	21	_	
	Article 060 (Testing)		Training, valuation,	testing datasets			Anticle 010		-	
									-	
									-	
Link	https://www.iso.org/obp/ui/en/#iso:std:iso-iec: tr:24029:-1:ed-1:v1:en									
Scope	This document TR provides background about existing methods to assess the robustness of neural networks.									
									_	
									_   _	
									▼	
		Name		Affiliation and Qualification		Linkedin				
	Foreword ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized	Surn Observ				other				
	system for worldwide standardization. National bodies that are members of ISO or IEC participate									
			Terms Domain		Variant	Complementary	Al Act	22		
ID <b>22</b>	24029 - 2		Bounded domain					22		
Specification	Assessment of the robustness of neural networks -		Architecture					22	-	
Relationship with	Part 2 Methodology for the use of formal methods Article 015 (Robusteness)		Time series					22	-	
Ai Act		18	Robusteness				Article 015	22		
Link	https://www.iso.org/obp/ui/en/#iso:std:iso-								_	
	iec:24029:-2:ed-1:v1:en This document provides methodology for the use								-	
	of formal methods to assess robustness properties									
	of neural networks. The document focuses on how to select, apply and manage formal methods to									
	prove robustness properties.									
									_	
									-	
									-	
									<b>_</b>	
			NAL INFORMATION							
		Name Surn	and ame	Affiliation and Qualification		Linkedin other				
Full text	Foreword ISO (the International Organization for	Observ								
	Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National									
	bodies that are members of ISO or IEC participate									

New	STANDARD		Stand		Mapping		Terminology new	Technical Committee	
	The data presented have a value for rese	arch and no					new	a Hosting develop	and
	24029 - 3	Te	rms		Variant	Complementary	Al Act		<b>_</b>
ID 23									
	AWI Assessment of the robustness of neural networks - Part 3 Methodology for the use of formation and the second	1							
Relationship with Ai Act									
Link	https://www.iso.org/standard/86901.html								
	This document AWI provides methodology for the use of statistical methods to assess robustness								
	properties of neural networks. The document focuses on how to select, apply and manage								
	statistical methods to assess robustness properties.								
	AWI is not fully considered								
		ORTIONA	L INFORMATION						<b>_</b>
		Name and Surname	ł	Affiliation and Qualification		Linkedin other			
Full text	ISO/IEC AWI 24029-3 Artificial intelligence (AI) — Assessment of the	Observatio	(						
	robustness of neural networks								
	Part 3: Methodology for the use of statistical methods								
	Under development								
<b>36</b>	24030 -		rms e-cases		Variant	Complementary	Al Act Article 007		36
	Use cases		tificial intelligence				Article 003, Article 001		36
elationship		4 AI	systems				Article 003, Article 002, Article 043	Article 004, Article 006,	36
with	Article 003, Article 002, Article 004, Article 006, Article 007,								
AL AUL	Article 043, Article 014, Article 072, Article 074, Article 071								
	Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems): Article 003, Article 001 (Artificial intelligence): Article 007 (Use-cases)								
	Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems); Article 003, Article 001 (Artificial intelligence);								
	Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems); Article 003, Article 001 (Artificial intelligence); Article 007 (Use-cases)								
Link	Article 043, Article 014, Article 072, Article 074, Article 071 ( <i>Arsystems</i> ): Article 003, Article 001 (Artificial intelligence); Article 007 (Use-cases) https://www.iso.org/obp/ui/en/#iso:std:iso-iec: tr:24030:ed-2:v1:en								
Link Scope	Article 043, Article 014, Article 072, Article 074, Article 071 (A! systems): Article 003, Article 001 (Artificial intelligence); Article 007 (Use-cases) https://www.iso.org/obp/ui/en/#iso:std:iso-iec: tr:24030:ed-2:v1:en This document TR provides a collection of representative use cases of Al applications in a								
Link Scope	Article 043, Article 014, Article 072, Article 074, Article 071 (Artificial intelligence); Article 007 (Use-cases) https://www.iso.org/obp/ui/en/#iso:std:iso-iec: tr:24030:ed-2:v1:en								
Link Scope	Article 043, Article 014, Article 072, Article 074, Article 071 (A! systems): Article 003, Article 001 (Artificial intelligence); Article 007 (Use-cases) https://www.iso.org/obp/ui/en/#iso:std:iso-iec: tr:24030:ed-2:v1:en This document TR provides a collection of representative use cases of Al applications in a								
Link Scope	Article 043, Article 014, Article 072, Article 074, Article 071 (A! systems): Article 003, Article 001 (Artificial intelligence); Article 007 (Use-cases) https://www.iso.org/obp/ui/en/#iso:std:iso-iec: tr:24030:ed-2:v1:en This document TR provides a collection of representative use cases of Al applications in a								
Link Scope	Article 043, Article 014, Article 072, Article 074, Article 071 (A! systems): Article 003, Article 001 (Artificial intelligence); Article 007 (Use-cases) https://www.iso.org/obp/ui/en/#iso:std:iso-iec: tr:24030:ed-2:v1:en This document TR provides a collection of representative use cases of Al applications in a								
Link Scope	Article 043, Article 014, Article 072, Article 074, Article 071 (A! systems): Article 003, Article 001 (Artificial intelligence); Article 007 (Use-cases) https://www.iso.org/obp/ui/en/#iso:std:iso-iec: tr:24030:ed-2:v1:en This document TR provides a collection of representative use cases of Al applications in a								
Link Scope	Article 043, Article 014, Article 072, Article 074, Article 071 (A! systems): Article 003, Article 001 (Artificial intelligence); Article 007 (Use-cases) https://www.iso.org/obp/ui/en/#iso:std:iso-iec: tr:24030:ed-2:v1:en This document TR provides a collection of representative use cases of Al applications in a								
Link Scope	Article 043, Article 014, Article 072, Article 074, Article 071 (A! systems): Article 003, Article 001 (Artificial intelligence); Article 007 (Use-cases) https://www.iso.org/obp/ui/en/#iso:std:iso-iec: tr:24030:ed-2:v1:en This document TR provides a collection of representative use cases of Al applications in a								
Link Scope	Article 043, Article 014, Article 072, Article 074, Article 071 (A! systems): Article 003, Article 001 (Artificial intelligence); Article 007 (Use-cases) https://www.iso.org/obp/ui/en/#iso:std:iso-iec: tr:24030:ed-2:v1:en This document TR provides a collection of representative use cases of Al applications in a								
Link Scope	Article 043, Article 014, Article 072, Article 074, Article 071 (A! systems): Article 003, Article 001 (Artificial intelligence); Article 007 (Use-cases) https://www.iso.org/obp/ui/en/#iso:std:iso-iec: tr:24030:ed-2:v1:en This document TR provides a collection of representative use cases of Al applications in a			Affiliation and Outliference		Linkedin			
Link Scope	Article 043, Article 014, Article 072, Article 074, Article 071 (Artificial intelligence); Article 007 (Use-cases) https://www.iso.org/obp/ui/en/#iso:std:iso-iec: tr:24030:ed-2:v1:en This document TR provides a collection of representative use cases of AI applications in a variety of domains.		e e e e e e e e e e e e e e e e e e e	Affiliation and Qualification		Linkedin other			
Link Scope Full text	Article 043, Article 014, Article 072, Article 074, Article 071 (Artificial intelligence); Article 007 (Use-cases) https://www.iso.org/obp/ui/en/#iso:std:iso-iec: tr:24030:ed-2:v1:en This document TR provides a collection of representative use cases of AI applications in a variety of domains. Foreword ISO (the International Organization for Standardization) and IEC (the International	OPTIONA Surname Observatio	e e e e e e e e e e e e e e e e e e e	Affiliation and Qualification		Linkedin other			
Link Scope Full text	Article 043, Article 014, Article 072, Article 074, Article 071 (Artificial intelligence); Article 007 (Use-cases) https://www.iso.org/obp/ui/en/#iso:std:iso-iec: tr:24030:ed-2:v1:en This document TR provides a collection of representative use cases of AI applications in a variety of domains.	OPTIONA Surname Observatio	e e e e e e e e e e e e e e e e e e e	Affiliation and Qualification		Linkedin other			

New	STANDARD		Stand Numb		Mapping		Terminology new	Technical Committee 533 Al
	The data presented have a value for resear		ot a legal value.					Hosting and developing
ID <b>34</b>	24368 -		ms nical concerns cietal concerns		Variant	Complementary	Al Act	34
	Overview of ethical and societal concerns	251 Eth	nical framework					34
Helationship with <mark>Ai Act</mark>	Article 001, Article 073, Article 006, Article 007, Article 043, Article 014 (Safety)	<sup>214</sup> Sa	fety				Article 001, Article 073, . Article 043 Article 014	Article 006, Article 007, <sup>34</sup>
Link	https://www.iso.org/standard/78507.html							
Scope	TR This document provides a high-level overview of AI ethical and societal concerns.							
		OPTIONA Name and		Affiliation and UNI CT 533		Linkedin		
	ISO/IEC TR 24368:2022 Information technology — Artificial intelligence — Overview of ethical and societal concerns Published (Edition 1, 2022)	Observation	•	Qualification		other		
	Abstract							
ID <b>32</b>	24970 -	Ter 245 Log	gging		Variant	Complementary	Al Act Article 012	32
	AI system logging		aceability sk management				Article 012 Article 017, Article 009, Article 007	Article 012, Article 006, 32
Relationship with Ai Act	Article 012 (Traceability); Article 017, Article 009, Article 012, Article 006, Article 007 (Risk management); Article 012 (Logging)	í —						
Link	https://www.iso.org/standard/88723.html							
	This document describes common capabilities, requirements and a supporting information model							
	for logging of events in AI systems. This document is designed to be used with a risk management system.							
		Name and	L INFORMATION Domenico Natale	Affiliation and UNI Qualification		Linkedin other		
	ISO/IEC AWI 24970 Artificial intelligence — AI system logging Under development A working group has prepared a draft.	Surname Observation		Communol		outer		
	Abstract							

	STANDARD		Stand Num		Mapping		Terminology new	Technical Committee 53	
	The data presented have a value for reseal	urch and					101	Hosting and developing	d
			Terms		Variant	Complementary	Al Act		
D 27	25010 -	207	Functional suitability	ty				27	1
ecification	2 COupPE Draduct quality model	208	Performance efficie	ency				27	
Sindution	SQuaRE - Product quality model	98 (	Compatibility					27	
lationship with	h Hittle 010 (Security), Article 001, Article 010, Article 000,	210	nteraction capabilit	ty				27	
Ai Ac	Article 007, Article 043, Article 014 (Safety)	211	Reliability					27	
		66 5	Security				Article 015	27	
		99	Maintainability					27	
			lexibility					27	
Link	k https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25010:ed-2:v1:en	214 ;	Safety				Article 001, Article 073, Article 043 Article 014	Article 006, Article 007, 27	
Scop	Pe This document defines a product quality model,	¬ ⊢							
	which is applicable to ICT (information and								
	communication technology) products and software products. The product quality model is composed								
	of nine characteristics (which are further								
	subdivided into subcharacteristics) that relate to quality properties of the products. The								
	characteristics and subcharacteristics provide a								
	reference model for the quality of the products to								
	be specified, measured and evaluated. NOTE 1 In this document, a product refers to an ICT product that is part of an information system.								-
									-
	ICT product components include subsystems, software, firmware, hardware, data,								-
	communication infrastructure, and other elements								-
	that are part of the ICT product. This model can be used for requirements								<b>_</b>
	specification and evaluation of the target products'	OPTIOI Name a	NAL INFORMATION	Affiliation and UNI CT 504	(president))	Linkedin iso25000.it			
Full tox		Surna		Qualification	(produciny)	other			
	<sup>rt</sup> Foreword ISO (the International Organization for	Observa	tions						
	Standardization) and IEC (the International								
	Electrotechnical Commission) form the specialized system for worldwide standardization. National								
	bodies that are members of ISO or IEC participate								
			Terms		Variant	Complementary	Al Act		
38	25012 -	2 /	Accuracy			,	Article 015	38	
		20 (	Completeness						_
cification	Detection (Provide)	⊐ 1 <sup>20</sup> `						38	
	Data quality model		Currentness					38	
ationshiµ witi	Article 017, Article 005, Article 071 (Accessibility): Article 015	27 (	Currentness Compliance				Article 017	38	
ationship with <mark>Ai Ac</mark>	Article 017, Article 005, Article 071 (Accessibility); Article 015	27 (					Article 017		
with	Article 017, Article 005, Article 071 (Accessibility): Article 015     Article 017, Article 017 (Compliance): Article 010 (Consistency):	27 ( 21 ( 26 (	Compliance				Article 017 Article 017, Article 005,	38	
with	Article 017, Article 005, Article 071 (Accessibility): Article 015     Article 017, Article 017 (Compliance): Article 010 (Consistency):	27 ( 21 ( 26 ( 1 )	Compliance Credibility					38	
with Ai Ac	Article 017, Article 005, Article 071 (Accessibility); Article 015     Article 017, Article 017 (Compliance); Article 010 (Consistency);     Article 012 (Traceability); Article 010 (Data quality)	27 ( 21 ( 26 ( 1 ) 25 (	Compliance Credibility Accessibility				Article 017, Article 005,	38 38 Article 071 38	
with Ai Ac	Article 017, Article 005, Article 071 (Accessibility); Article 015 th (Accuracy); Article 017 (Compliance); Article 010 (Consistency); Article 012 (Traceability); Article 010 (Data quality) k https://www.iso.org/obp/ui/en/#iso.std:iso-	27 ( 21 ( 26 ( 1 ) 25 ( 39 [	Compliance Credibility Accessibility Consistency				Article 017, Article 005,	38 38 Article 071 98 38	
with Ai Ac Link	Article 017, Article 005, Article 071 (Accessibility); Article 015 of (Accuracy); Article 017 (Compliance); Article 010 (Consistency); Article 012 (Traceability); Article 010 (Data quality)         k         https://www.iso.org/obp/ui/en/#iso.std:iso- iec:25012:ed-1:v1:en	27 ( 21 ( 26 ( 1 / 25 ( 39 [ 75 (	Compliance Credibility Accessibility Consistency Efficiency Understandability				Article 017, Article 005, Article 010	38           38           Article 071         38           38           38           38	
with <mark>Ai Ac</mark> Link	Article 017, Article 005, Article 071 (Accessibility); Article 015 of (Accuracy); Article 017 (Compliance); Article 010 (Consistency); Article 012 (Traccability); Article 010 (Data quality)         k         https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25012:ed-1.v1:en         P         This International Standard defines a general data	27 ( 21 ( 26 ( 1 ) 25 ( 39 E 75 ( 73 )	Compliance Credibility Accessibility Consistency Efficiency Jnderstandability Fraceability				Article 017, Article 005,	Article 071 28 38 38 38 38 38 38	
with <mark>Ai Ac</mark> Link	Article 017, Article 005, Article 071 (Accessibility): Article 015     Article 017 (Compliance): Article 010 (Consistency):     Article 012 (Traceability): Article 010 (Data quality)     Ittps://www.iso.org/obp/ui/en/#iso:std:iso-     iec:25012:ed-1:v1:en     This International Standard defines a general data     quality model for data retained in a structured     format within a computer system.	27 ( 21 ( 26 ( 1 ) 25 ( 39 E 75 ( 73 - 56 f	Compliance Credibility Accessibility Consistency Efficiency Jnderstandability Traceability Precision				Article 017, Article 005, Article 010 Article 012	Article 071 28 38 38 38 38 38 38	
with <mark>Ai Ac</mark> Link	Article 017, Article 005, Article 071 (Accessibility): Article 015     Article 017, (Compliance): Article 010 (Consistency):     Article 012 (Traceability): Article 010 (Data quality)     thtps://www.iso.org/obp/ui/en/#iso:std:iso-     iec:25012:ed-1:v1:en     This International Standard defines a general data     quality model for data retained in a structured     format within a computer system.     This International Standard focuses on the quality	27 ( 21 ( 26 ( 1 ) 25 ( 39 E 75 ( 73 ) 56 F 116 [	Compliance Credibility Accessibility Consistency Efficiency Jnderstandability Traceability Precision Data quality				Article 017, Article 005, Article 010	Article 071 98 38 38 38 38 38 38 38 38 38 38 38 38	
with Ai Ac Link	Article 017, Article 005, Article 017 (Accessibility) Article 015     Article 017 (Compliance), Article 010 (Consistency);     Article 012 (Traceability); Article 010 (Data quality)     thtps://www.iso.org/obp/ui/en/#iso:std:iso-     iec:25012:ed-1v1:en     This International Standard defines a general data     quality model for data retained in a structured     format within a computer system.     This International Standard focuses on the quality     of the data as part of a computer system and     defines quality characteristics for target data used	27 ( 21 ( 26 ( 1 ) 25 ( 39 [ 75 ( 73 - 56 ] 116 [ 163 ]	Compliance Credibility Accessibility Consistency Efficiency Jnderstandability Traceability Precision Data quality Data quality model				Article 017, Article 005, Article 010 Article 012	Article 071 98 098 099 099 099 099 099 099 099 099 0	
with <mark>Ai Ac</mark> Link	Article 017, Article 005, Article 071 (Accessibility); Article 015 (Accuracy); Article 007 (Compliance); Article 010 (Consistency); Article 012 (Traceability); Article 010 (Data quality) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25012:ed-1:v1:en This International Standard defines a general data quality model for data retained in a structured format within a computer system. This International Standard focuses on the quality of the data as part of a computer system and	27 ( 21 ( 26 ( 1 ) 25 ( 39 [ 75 ( 73 ) 56 [ 116 ] 163 [ 259 (	Compliance Credibility Accessibility Consistency Efficiency Jnderstandability Fraceability Precision Data quality Data quality model Quality characterist				Article 017, Article 005, Article 010 Article 012	Article 071 88 98 99 98 98 98 98 98 98 98	
with <mark>Ai Ac</mark> Link	Article 017, Article 005, Article 017 (Accessibility) Article 015     Article 017 (Compliance), Article 010 (Consistency);     Article 012 (Traceability); Article 010 (Data quality)     thtps://www.iso.org/obp/ui/en/#iso:std:iso-     iec:25012:ed-1v1:en     This International Standard defines a general data     quality model for data retained in a structured     format within a computer system.     This International Standard focuses on the quality     of the data as part of a computer system and     defines quality characteristics for target data used	27 ( 21 ( 26 ( 1 ) 25 ( 39 E 39 E 75 ( 73 ) 56 F 116 [ 163 [ 259 ( 23 (	Compliance Credibility Accessibility Consistency Efficiency Jnderstandability Fraceability Precision Data quality Data quality Data quality model Quality characterist Confidentiality				Article 017, Article 005, Article 010 Article 012	Article 071 98 99 99 99 99 98 98 98 99 99 98	
with <mark>Ai Ac</mark> Link	Article 017, Article 005, Article 017 (Accessibility) Article 015     Article 017 (Compliance), Article 010 (Consistency);     Article 012 (Traceability); Article 010 (Data quality)     thtps://www.iso.org/obp/ui/en/#iso:std:iso-     iec:25012:ed-1v1:en     This International Standard defines a general data     quality model for data retained in a structured     format within a computer system.     This International Standard focuses on the quality     of the data as part of a computer system and     defines quality characteristics for target data used	27 ( 21 ( 26 ( 1 ) 25 ( 39 [ 39 [ 39 [ 39 [ 10] 175 ( 73 ] 75 ( 73 ] 75 ( 116 [ 163 [ 259 ( 23 ( 141 )	Compliance Credibility Accessibility Consistency Efficiency Jnderstandability Fraceability Precision Data quality Data quality Data quality model Duality characterist Confidentiality Availability				Article 017, Article 005, Article 010 Article 012	Article 071 98 98 98 98 98 98 98 98 98 98 98 98 98 9	
with Ai Ac	Article 017, Article 005, Article 017 (Accessibility) Article 015     Article 017 (Compliance), Article 010 (Consistency);     Article 012 (Traceability); Article 010 (Data quality)     thtps://www.iso.org/obp/ui/en/#iso:std:iso-     iec:25012:ed-1v1:en     This International Standard defines a general data     quality model for data retained in a structured     format within a computer system.     This International Standard focuses on the quality     of the data as part of a computer system and     defines quality characteristics for target data used	27 ( 21 ( 26 ( 1 ) 25 ( 39 E 39 E 75 ( 73 - 75 ( 116 [ 163 [ 259 ( 23 ( 141 ) 55 F	Compliance Credibility Accessibility Consistency Efficiency Jnderstandability Fraceability Precision Data quality Data quality Data quality Data quality Data quality Confidentiality Availability Portability				Article 017, Article 005, Article 010 Article 012	Article 071 98 98 98 98 98 98 98 98 98 98 98 98 98 9	
with Ai Ac	Article 017, Article 005, Article 017 (Accessibility) Article 015     Article 017 (Compliance), Article 010 (Consistency);     Article 012 (Traceability); Article 010 (Data quality)     thtps://www.iso.org/obp/ui/en/#iso:std:iso-     iec:25012:ed-1v1:en     This International Standard defines a general data     quality model for data retained in a structured     format within a computer system.     This International Standard focuses on the quality     of the data as part of a computer system and     defines quality characteristics for target data used	27 ( 21 ( 26 ( 1 ) 25 ( 39 E 39 E 75 ( 73 - 75 ( 116 [ 163 [ 259 ( 23 ( 141 ) 55 F	Compliance Credibility Accessibility Consistency Efficiency Jnderstandability Fraceability Precision Data quality Data quality Data quality model Duality characterist Confidentiality Availability				Article 017, Article 005, Article 010 Article 012	Article 071 98 98 98 98 98 98 98 98 98 98 98 98 98 9	
with Ai Ac Link	Article 017, Article 005, Article 017 (Accessibility) Article 015     Article 017 (Compliance), Article 010 (Consistency);     Article 012 (Traceability); Article 010 (Data quality)     thtps://www.iso.org/obp/ui/en/#iso:std:iso-     iec:25012:ed-1v1:en     This International Standard defines a general data     quality model for data retained in a structured     format within a computer system.     This International Standard focuses on the quality     of the data as part of a computer system and     defines quality characteristics for target data used	27 ( 21 ( 26 ( 1 ) 25 ( 39 E 39 E 75 ( 73 - 75 ( 116 [ 163 [ 259 ( 23 ( 141 ) 55 F	Compliance Credibility Accessibility Consistency Efficiency Jnderstandability Fraceability Precision Data quality Data quality Data quality Data quality Data quality Confidentiality Availability Portability				Article 017, Article 005, Article 010 Article 012	Article 071 98 98 98 98 98 98 98 98 98 98 98 98 98 9	
with <mark>Ai Ac</mark> Link	Article 017, Article 005, Article 017 (Accessibility) Article 015     Article 017 (Compliance), Article 010 (Consistency);     Article 012 (Traceability); Article 010 (Data quality)     thtps://www.iso.org/obp/ui/en/#iso:std:iso-     iec:25012:ed-1v1:en     This International Standard defines a general data     quality model for data retained in a structured     format within a computer system.     This International Standard focuses on the quality     of the data as part of a computer system and     defines quality characteristics for target data used	27 ( 21 ( 26 ( 1 ) 25 ( 39 E 39 E 75 ( 73 - 75 ( 116 [ 163 [ 259 ( 23 ( 141 ) 55 F	Compliance Credibility Accessibility Consistency Efficiency Jnderstandability Fraceability Precision Data quality Data quality Data quality Data quality Data quality Confidentiality Availability Portability				Article 017, Article 005, Article 010 Article 012	Article 071 98 98 98 98 98 98 98 98 98 98 98 98 98 9	
with Ai Ac Link	Article 017, Article 005, Article 017 (Accessibility) Article 015     Article 017 (Compliance), Article 010 (Consistency);     Article 012 (Traceability); Article 010 (Data quality)     thtps://www.iso.org/obp/ui/en/#iso:std:iso-     iec:25012:ed-1v1:en     This International Standard defines a general data     quality model for data retained in a structured     format within a computer system.     This International Standard focuses on the quality     of the data as part of a computer system and     defines quality characteristics for target data used	27 ( 21 ( 26 ( 1 ) 25 ( 39 [ 75 ( 73 - 56 [ 116 [ 163 [ 259 ( 23 ( 141 ) 55 [ 59 [ 50 ] 50 ] 50 ] 50 [ 50 ] 50 ] 50 ] 50 ] 50 [ 50 ] 50	Compliance Credibility Accessibility Consistency Efficiency Jnderstandability Fraceability Precision Data quality Data quality Data quality Data quality Data quality Confidentiality Availability Portability				Article 017, Article 005, Article 010 Article 012	Article 071 98 98 98 98 98 98 98 98 98 98 98 98 98 9	
with Ai Ac Link	Article 017, Article 005, Article 017 (Accessibility) Article 015     Article 017 (Compliance), Article 010 (Consistency);     Article 012 (Traceability); Article 010 (Data quality)     thtps://www.iso.org/obp/ui/en/#iso:std:iso-     iec:25012:ed-1v1:en     This International Standard defines a general data     quality model for data retained in a structured     format within a computer system.     This International Standard focuses on the quality     of the data as part of a computer system and     defines quality characteristics for target data used	27 ( 21 ( 26 ( 1 ) 25 ( 39 E 75 ( 39 E 75 ( 73 ) 76 F 116 [ 163 [ 259 ( 23 ( 141 ) 55 F 59 F	Compliance Credibility Accessibility Consistency Efficiency Jnderstandability Fraceability Precision Data quality Data quality Data quality model Quality characterist Confidentiality Availability Portability Recoverability Recoverability Aval INFORMATION and	Affiliation and			Article 017, Article 005, Article 010 Article 012	Article 071 98 98 98 98 98 98 98 98 98 98 98 98 98 9	
Ai Ac	Article 017, Article 005, Article 017 (Accessibility) Article 015 (Accuracy): Article 017 (Compliance): Article 010 (Consistency): Article 012 (Traceability): Article 010 (Data quality)  thttps://www.iso.org/obp/ui/en/#iso:std:iso- iec:25012:ed-1:v1:en  This International Standard defines a general data quality model for data retained in a structured format within a computer system. This International Standard focuses on the quality of the data as part of a computer system and defines quality characteristics for target data used by humans and systems.	27 ( 21 ( 26 ( 1 ) 25 ( 39 E 75 ( 73 ) 56 F 116 [ 163 [ 259 ( 23 ( 141 ) 55 F 59 F 59 F 59 F 59 F 59 F 59 F	Compliance Credibility Accessibility Consistency Efficiency Inderstandability Precision Data quality Data quality Confidentiality Availability Portability Recoverability	tics		Linkedin	Article 017, Article 005, Article 010 Article 012	Article 071 98 98 98 98 98 98 98 98 98 98 98 98 98 9	
with Ai Ac	<ul> <li>Article 017, Article 005, Article 071 (Accessibility): Article 015</li> <li>Article 017 (Compliance): Article 010 (Consistency): Article 012 (Traceability): Article 010 (Data quality)</li> <li>https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25012:ed-1:v1:en</li> <li>This International Standard defines a general data quality model for data retained in a structured format within a computer system. This International Standard focuses on the quality of the data as part of a computer system and defines quality characteristics for target data used by humans and systems.</li> <li>Foreword ISO (the International Organization for</li> </ul>	27 ( 21 ( 26 ( 1 ) 25 ( 39 E 75 ( 39 E 75 ( 73 ) 76 F 116 [ 163 [ 259 ( 23 ( 141 ) 55 F 59 F	Compliance Credibility Accessibility Consistency Efficiency Inderstandability Precision Data quality Data quality Confidentiality Availability Portability Recoverability	Affiliation and		Linkedin	Article 017, Article 005, Article 010 Article 012	Article 071 98 98 98 98 98 98 98 98 98 98 98 98 98 9	
with Ai Ac	<ul> <li>Article 017, Article 005, Article 011 (Accessibility): Article 015 (Accuracy): Article 017 (Compliance): Article 010 (Consistency): Article 012 (Traceability): Article 010 (Data quality)</li> <li>https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25012:ed-1:v1:en</li> <li>This International Standard defines a general data quality model for data retained in a structured format within a computer system. This International Standard focuses on the quality of the data as part of a computer system and defines quality characteristics for target data used by humans and systems.</li> <li>Foreword ISO (the International Organization for Standardization) and IEC (the International</li> </ul>	27 ( 21 ( 26 ( 1 ) 25 ( 39 E 75 ( 73 ) 56 F 116 [ 163 [ 259 ( 23 ( 141 ) 55 F 59 F 59 F 59 F 59 F 59 F 59 F	Compliance Credibility Accessibility Consistency Efficiency Inderstandability Precision Data quality Data quality Confidentiality Availability Portability Recoverability	Affiliation and		Linkedin other	Article 017, Article 005, Article 010 Article 012	Article 071 98 98 98 98 98 98 98 98 98 98 98 98 98 9	
with Ai Ac	<ul> <li>Article 017, Article 005, Article 071 (Accessibility): Article 015</li> <li>Article 017 (Compliance): Article 010 (Consistency): Article 012 (Traceability): Article 010 (Data quality)</li> <li>https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25012:ed-1:v1:en</li> <li>This International Standard defines a general data quality model for data retained in a structured format within a computer system. This International Standard focuses on the quality of the data as part of a computer system and defines quality characteristics for target data used by humans and systems.</li> <li>Foreword ISO (the International Organization for</li> </ul>	27 ( 21 ( 26 ( 1 ) 25 ( 39 E 75 ( 73 ) 56 F 116 [ 163 [ 259 ( 23 ( 141 ) 55 F 59 F 59 F 59 F 59 F 59 F 59 F	Compliance Credibility Accessibility Consistency Efficiency Inderstandability Precision Data quality Data quality Confidentiality Availability Portability Recoverability	Affiliation and		Linkedin other	Article 017, Article 005, Article 010 Article 012	Article 071 98 98 98 98 98 98 98 98 98 98 98 98 98 9	

New	STANDARD		Standard Al Act	Mapping	l	Terminology	Technical Committee 533 AI
	The data presented have a value for researc	h and not a legal v					Hosting and developing
		Terms		Variant	Complementary		
ID <b>25</b>	25019 -	<sup>100</sup> Post-market				Article 017, Article 072	25
Specification	Quality-in-use model	112 Monitoring					25
		<sup>113</sup> Stakeholder					26
Relationship with	Article 017, Article 005, Article 071 (Accessibility); Article 017 (Compliance); Article 017, Article 072 (Post-market); Article 010	<sup>90</sup> Evaluation					25
Ai Act	(Data quality); Article 071 (User); Article 004 (Experience); Article 074 (Verification)	1 Accessibility				Article 017, Article 005, A	
		97 Usability					25
		<sup>116</sup> Data quality				Article 010	25
Link	https://www.iso.org/obp/ui/en/#iso:std:iso-	<sup>115</sup> Customer					25
	https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25019:ed-1:v1:en	<sup>117</sup> Information s	system				25
Scope	This document defines a quality-in-use model	79 Organization	1				25
	composed of three characteristics (which are further subdivided into sub-characteristics) that	118 Quality-in-use	e				25
	can influence stakeholders when products or	<sup>119</sup> Risk					25
	systems are used in a specified context of use.	120 Society					25
	This model is applicable to the entire spectrum of information system and IT service system,	121 Software qua	ality				25
	including both computer systems in use and	122 System					25
	software products in use. This document provides a set of quality	123 Target entity	,				25
	characteristics for specifying, measuring,	125 Direct user					25
	evaluating and improving quality-in-use. In this document, because context of use is	124 User				Article 071	25
	specified as prerequisite of quality-in-use, context	126 Beneficialnes	SS				25
	of use is necessary to be re-specified to change	128 Freedom from	m risk				25
	prerequisite when a product or service intend to fulfil to context of use changes.	OPTIONAL INFORMA					•
		Name and Domenico		4 (president)	Linkedin iso25000.it other		
	ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate						
		Terms		Variant	Complementary	Al Act	
ID <b>2</b>	25024 -	<sup>2</sup> Accuracy		free of errors	complementaly	Article 015	2
		21 Compliance		complete		Article 017	2
Specification	Measurement of data quality	1 Accessibility		access		Article 017, Article 005, A	article 071 2
Relationship with	Article 017, Article 005, Article 071 (Accessibility); Article 015	50 Measuremen	nt and method			Article 015	2
Ai Act	(Accuracy); Article 017 (Compliance); Article 010 (Consistency); Article 015 (Measurement and method); Article 010 (Quality	23 Confidentialit	ty	personal data			2
	criteria); Article 012 (Traceability); Article 010 (Training, validation, testing datasets); Article 074 (Validation)	11 Balance					2
		<sup>26</sup> Credibility			complementary		2
		25 Consistency			complementary	Article 010	2
Link	https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25024:ed-1:v1:en	27 Currentness			complementary		2
Scope	This International Standard defines data quality	76 Validation			complementary	Article 074	2
	measures for quantitatively measuring the data	40 Eliminate or 1	reduce biased output		complementary		2
	quality in terms of characteristics defined in ISO/IEC 25012.	57 Quality criteri	ia		complementary	Article 010	2
	This International Standard contains the following:	74 Training, vali	idation, testing datasets		complementary	Article 010	2
	a basic set of data quality measures for each characteristic;	56 Precision			complementary		2
	- a basic set of target entities to which the quality	60 Relevance			complementary		2
	measures are applied during the data-life-cycle; — an explanation of how to apply data quality	50 Measuremen	nt and method			Article 015	2
	measures;	10 Auditability					2
	- a guidance for organizations defining their own	142 Non-repudiat	tion				2
	measures for data quality requirements and evaluation.	73 Traceability				Article 012	2
	It includes, as informative annexes, a synoptic	20 Completenes	SS				2
	table of quality measure elements defined in this International standard (Annex A), a table of quality						•
	measures associated to each quality measure		Natale Affiliation and UNI CT 50	4 (president)	Linkedin iso25000.it		
Full text	Foreword	Surname	Qualification		other		
	Foreword ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate	Observations					

New	STANDARD	Stand		Mapping	Terminology UNINFO	
	The data presented have a value for reason		ber		Tiopen Host	ing and eloping
	The data presented have a value for resear	rch and hot a legal value. Terms	Vari	ant Complementa		oloping
<b>47</b>	25058 -	35 Quality model				47
		90 Evaluation				47
cification	Guidance for quality evaluation of AI systems	51 Functional correctne	ess			47
ationship with	Article 017, Article 009, Article 012, Article 006, Article 007	78 Functional adaptabi	lity			47
Ai Act	(Risk management)	280 Functional appropria	ateness			47
		279 Functional complete	eness			47
		208 Performance efficier	ncy			47
		97 Usability				47
LINK	https://www.iso.org/obp/ui/en/#iso:std:iso-iec: ts:25058:ed-1:v1:en	<sup>207</sup> Functional suitability	y			47
Scope	TS This document provides guidance for	<sup>101</sup> Risk management			Article 017, Article 009, Article 012, Article 006	, 47
	evaluation of artificial intelligence (AI) systems	250 Societal concerns				47
	using an AI system quality model.	131 Societal risk				47
		132 Health risk				47
		130 Environmental risk				47
		129 Economic risk				47
		281 Satisfaction				47
		OPTIONAL INFORMATION				
		Name and Surname	Affiliation and Qualification	Linkedin other		
	The work of preparing International Standards is normally carried out through ISO technical	Terms	Vari	ant Complementa	n, Al Act	
19	25059 -	5 Annotation			Article 010	
		35 Quality model				19
ification		7				19
	Quality model for AI System	4 AI systems			Article 003, Article 002, Article 004, Article 006	19
tionship with	Article 017 Article 005 Article 071 (Accessibility): Article 017				Article 003, Article 002, Article 004, Article 006 Article 007 Article 043 Article 014 Article 072 Article 017	19
tionship with Ai Act	Article 017, Article 005, Article 071 (Accessibility); Article 017 (Al models): Article 003, Article 002, Article 004, Article 006, Article 007, Article 013, Article 014, Article 072, Article 074,	4 AI systems				19
tionship with <mark>Ai Act</mark>	Article 017, Article 005, Article 071 (Accessibility); Article 017 (Al models); Article 003, Article 002, Article 004, Article 006,	4 Al systems 3 Al models			Article 017	19
tionship with <mark>Ai Act</mark>	Article 017, Article 005, Article 071 (Accessibility); Article 017 (Al models): Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 014, Article 074, Article 074, Article 071 (Al systems); Article 010 (Annotation); Article 015	4 Al systems 3 Al models 1 Accessibility	lity		Article 017	19 , 19 , 19 , 19 , 19
Ai Act	Article 017, Article 005, Article 071 (Accessibility): Article 017 (Al models): Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 011 (Al systems): Article 010 (Annotation): Article 015 (Security)	Al systems     Al models     Accessibility     Scontrollability     Functional adaptabi     Acrement of the functional adaptabi     Acrement of the functional adaptabi     Acrement of the functional adaptability	lity		Article 017	19 , 19 19 19 19 19
Ai Act	Article 017, Article 005, Article 071 (Accessibility): Article 017 (Al models): Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 012, Article 072, Article 074, Article 011 (Al systems): Article 010 (Annotation): Article 015 (Security) https://www.iso.org/obp/ui/en/#iso:std:iso-	Al systems     Al models     Accessibility     Scontrollability     Functional adaptabi     Acrement of the functional adaptabi     Acrement of the functional adaptabi     Acrement of the functional adaptability		ersecurity	Article 017	19 , 19 19 19 19 19
Ai Act	Article 017, Article 005, Article 071 (Accessibility): Article 017 (Al models): Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems): Article 010 (Annotation): Article 015 (Security) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25059:ed-1:v1:en	Al systems     Al models     Accessibility     Scontrollability     Functional adaptabi     Ge Security     Y     Usability	Cybe	ersecurity action capability	Article 017 Article 017, Article 005, Article 071	19 , 19 , 19 , 19 , 19 , 19 , 19 , 19 ,
Ai Act Link Scope	Article 017, Article 005, Article 071 (Accessibility): Article 017 (Al models): Article 003, Article 004, Article 006, Article 007, Article 043, Article 014, Article 004, Article 074, Article 017 (Al systems): Article 010 (Annotation): Article 015 (Security) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25059:ed-1:v1:en This document outlines a quality model for Al systems and is an application-specific extension to	Al systems     Al models     Accessibility     Scontrollability     Functional adaptabi     Acress related to Al     Ge Security     Scompatibility     Security     Secu	Cybe	-	Article 017 Article 017, Article 005, Article 071	19 19 19 19 19 19 19 19 19 19
Ai Act Link Scope	Article 017, Article 005, Article 071 (Accessibility): Article 017 (Al models): Article 003, Article 002, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 071 (Al systems): Article 010 (Annotation): Article 015 (Security) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25059:ed-1:v1:en	Al systems     Al models     Accessibility     Scontrollability     Functional adaptabi     Ge Security     Y     Usability	Cybe	-	Article 017 Article 017, Article 005, Article 071	19 19 19 19 19 19 19 19 19 19
Ai Act Link Scope	Article 017, Article 005, Article 071 (Accessibility): Article 017 (Al models): Article 003, Article 004, Article 006, Article 007, Article 043, Article 014, Article 012, Article 074, Article 017 (Al systems): Article 010 (Annotation): Article 015 (Security)         https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25059:ed-1:v1:en         This document outlines a quality model for Al systems and is an application-specific extension to the standards on SQuaRE. The characteristics and sub-characteristics detailed in the model provide consistent terminology for specifying,	Al systems     Al models     Accessibility     Scontrollability     Functional adaptabi     Acress related to Al     Ge Security     Scompatibility     Security     Secu	Cybe	-	Article 017 Article 017, Article 005, Article 071	19 19 19 19 19 19 19 19 19 19
Ai Act Link Scope	Article 017, Article 005, Article 071 (Accessibility): Article 017 (Al models): Article 003, Article 004, Article 006, Article 007, Article 043, Article 012, Article 072, Article 074, Article 017 (Al systems): Article 010 (Annotation): Article 015 (Security) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25059:ed-1:v1:en This document outlines a quality model for Al systems and is an application-specific extension to the standards on SQuaRE. The characteristics and sub-characteristics detailed in the model	Al systems     Al models     Accessibility     Scontrollability     Functional adaptabi     Acress related to Al     Ge Security     Scompatibility     Security     Secu	Cybe	-	Article 017 Article 017, Article 005, Article 071	19 19 19 19 19 19 19 19 19 19
Ai Act Link Scope	Article 017, Article 005, Article 071 (Accessibility): Article 017 (Armodels): Article 003, Article 004, Article 006, Article 007, Article 043, Article 010, Article 072, Article 074, Article 017 (Al systems): Article 010 (Annotation): Article 015 (Security) This document outlines a quality model for Al systems and is an application-specific extension to the standards on SQuaRE. The characteristics and sub-characteristics detailed in the model provide consistent terminology for specifying, measuring and evaluating Al system quality. The characteristics and sub-characteristics detailed in the model also provide a set of quality	Al systems     Al models     Accessibility     Scontrollability     Functional adaptabi     Acress related to Al     Ge Security     Scompatibility     Security     Secu	Cybe	-	Article 017 Article 017, Article 005, Article 071	19 19 19 19 19 19 19 19 19 19
Ai Act Link Scope	Article 017, Article 005, Article 071 (Accessibility): Article 017 (Al models): Article 003, Article 004, Article 006, Article 007, Article 043, Article 012, Article 004, Article 074, Article 071 (Al systems): Article 010 (Annotation): Article 015 (Security) This document outlines a quality model for Al systems and is an application-specific extension to the standards on SQuaRE. The characteristics and sub-characteristics detailed in the model provide consistent terminology for specifying, measuring and evaluating Al system quality. The characteristics and sub-characteristics detailed in	Al systems     Al models     Accessibility     Scontrollability     Functional adaptabi     Acress related to Al     Ge Security     Scompatibility     Security     Secu	Cybe	-	Article 017 Article 017, Article 005, Article 071	19 19 19 19 19 19 19 19 19 19
Ai Act Link Scope	Article 017, Article 005, Article 071 (Accessibility): Article 017 (Ar models): Article 003, Article 004, Article 006, Article 007, Article 003, Article 014, Article 012, Article 074, Article 017 (Al systems): Article 010 (Annotation): Article 015 (Security) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25059:ed-1:v1:en This document outlines a quality model for Al systems and is an application-specific extension to the standards on SQuaRE. The characteristics and sub-characteristics detailed in the model provide consistent terminology for specifying, measuring and evaluating Al system quality. The characteristics against which stated quality	Al systems     Al models     Accessibility     Scontrollability     Functional adaptabi     Acress related to Al     Ge Security     Scompatibility     Security     Secu	Cybe	-	Article 017 Article 017, Article 005, Article 071	19 19 19 19 19 19 19 19 19 19
Ai Act Link Scope	Article 017, Article 005, Article 071 (Accessibility): Article 017 (Ar models): Article 003, Article 004, Article 006, Article 007, Article 003, Article 014, Article 017, Article 017, Article 017 (Al systems): Article 010 (Annotation): Article 015 (Security) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25059:ed-1:v1:en This document outlines a quality model for Al systems and is an application-specific extension to the standards on SQuaRE. The characteristics and sub-characteristics detailed in the model provide consistent terminology for specifying, measuring and evaluating Al system quality. The characteristics against which stated quality	Al systems     Al models     Accessibility     Scontrollability     Functional adaptabi     Acress related to Al     Ge Security     Scompatibility     Security     Secu	Cybe	-	Article 017 Article 017, Article 005, Article 071	19 19 19 19 19 19 19 19 19 19
Ai Act Link Scope	Article 017, Article 005, Article 071 (Accessibility): Article 017 (Ar models): Article 003, Article 004, Article 006, Article 007, Article 003, Article 014, Article 017, Article 017, Article 017 (Al systems): Article 010 (Annotation): Article 015 (Security) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25059:ed-1:v1:en This document outlines a quality model for Al systems and is an application-specific extension to the standards on SQuaRE. The characteristics and sub-characteristics detailed in the model provide consistent terminology for specifying, measuring and evaluating Al system quality. The characteristics against which stated quality	Al systems     Al models     Accessibility     Scontrollability     Functional adaptabi     Acress related to Al     Ge Security     Scompatibility     Security     Secu	Cybe	-	Article 017 Article 017, Article 005, Article 071	19 19 19 19 19 19 19 19 19 19
Ai Act Link Scope	Article 017, Article 005, Article 071 (Accessibility): Article 017 (Ar models): Article 003, Article 004, Article 006, Article 007, Article 003, Article 014, Article 017, Article 017, Article 017 (Al systems): Article 010 (Annotation): Article 015 (Security) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25059:ed-1:v1:en This document outlines a quality model for Al systems and is an application-specific extension to the standards on SQuaRE. The characteristics and sub-characteristics detailed in the model provide consistent terminology for specifying, measuring and evaluating Al system quality. The characteristics against which stated quality	Al systems     Al models     Accessibility     Scontrollability     Functional adaptabi     Acress related to Al     Ge Security     Scompatibility     Be Compatibility	Cybe	-	Article 017 Article 017, Article 005, Article 071	19 19 19 19 19 19 19 19 19 19
Ai Act Link Scope	Article 017, Article 005, Article 071 (Accessibility): Article 017 (Ar models): Article 003, Article 004, Article 006, Article 007, Article 003, Article 014, Article 017, Article 017, Article 017 (Al systems): Article 010 (Annotation): Article 015 (Security) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25059:ed-1:v1:en This document outlines a quality model for Al systems and is an application-specific extension to the standards on SQuaRE. The characteristics and sub-characteristics detailed in the model provide consistent terminology for specifying, measuring and evaluating Al system quality. The characteristics against which stated quality	Al systems     Al models     Accessibility     Scontrollability     Functional adaptabi     Accessibility     Functional adaptabi     Accessibility     Functional adaptabi     Accessibility     Scompatibility     Accessibility     Accessibil	Cybe	-	Article 017 Article 017, Article 005, Article 071	19 19 19 19 19 19 19 19 19 19
Ai Act Link Scope	Article 017, Article 005, Article 071 (Accessibility): Article 017 (Ar models): Article 003, Article 004, Article 006, Article 007, Article 003, Article 014, Article 017, Article 017, Article 017 (Al systems): Article 010 (Annotation): Article 015 (Security) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25059:ed-1:v1:en This document outlines a quality model for Al systems and is an application-specific extension to the standards on SQuaRE. The characteristics and sub-characteristics detailed in the model provide consistent terminology for specifying, measuring and evaluating Al system quality. The characteristics against which stated quality	Al systems     Al models     Accessibility     Scontrollability     Functional adaptabi     Accessibility     Preserve to all adaptabi     Accessibility     Preserve to all adaptability     Preserve to all adaptability     Scompatibility     Accessibility     Accessibility     Preserve to all adaptability     Accessibility     Ac	Cybe	action capability	Article 017 Article 017, Article 005, Article 071 Article 017 Article 015	19 19 19 19 19 19 19 19 19 19
Link Scope	Article 017, Article 005, Article 071 (Accessibility): Article 017 (Article 007, Article 003, Article 004, Article 006, Article 007, Article 033, Article 014, Article 072, Article 074, Article 007, Article 013, Article 014, Article 015 (Security) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25059:ed-1:v1:en This document outlines a quality model for AI systems and is an application-specific extension to the standards on SQuaRE. The characteristics and sub-characteristics detailed in the model provide consistent terminology for specifying, measuring and evaluating AI system quality. The characteristics against which stated quality requirements can be compared for completeness.	Al systems     Al models     Al models     Accessibility     Societal adaptability     Accessibility     Societal adaptability     Accessibility     Societal adaptability     Accessibility     Accessibilit	Cybe	action capability	Article 017 Article 017, Article 005, Article 071	19 19 19 19 19 19 19 19 19 19
Link Scope	Article 017, Article 005, Article 071 (Accessibility): Article 017 (Article 007, Article 003, Article 004, Article 006, Article 007, Article 033, Article 014, Article 072, Article 074, Article 011 (Al systems): Article 010 (Annotation): Article 015 (Security) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25059:ed-1:v1:en This document outlines a quality model for Al systems and is an application-specific extension to the standards on SQuaRE. The characteristics and sub-characteristics detailed in the model provide consistent terminology for specifying, measuring and evaluating Al system quality. The characteristics against which stated quality characteristics against which stated quality requirements can be compared for completeness.	Al systems     Al models     Accessibility     Scontrollability     Functional adaptabi     Accessibility     Preserve to all adaptabi     Accessibility     Preserve to all adaptability     Preserve to all adaptability     Scompatibility     Accessibility     Accessibility     Preserve to all adaptability     Accessibility     Ac	Cybe	action capability	Article 017 Article 017, Article 005, Article 071 Article 017 Article 015	19 19 19 19 19 19 19 19 19 19
Ai Act Link Scope Full text	Article 017, Article 005, Article 071 (Accessibility): Article 017 (Ar models): Article 003, Article 004, Article 006, Article 007, Article 043, Article 014, Article 072, Article 074, Article 017 (Al systems): Article 010 (Annotation): Article 015 (Security)	Al systems     Al models     Al models     Accessibility     Societal adaptability     Accessibility     Societal adaptability     Accessibility     Societal adaptability     Accessibility     Accessibilit	Cybe	action capability	Article 017 Article 017, Article 005, Article 071 Article 017 Article 015	19 19 19 19 19 19 19 19 19 19
Ai Act Link Scope Full text	Article 017, Article 005, Article 071 (Accessibility): Article 017 (Article 007, Article 003, Article 004, Article 006, Article 007, Article 033, Article 014, Article 072, Article 074, Article 011 (Al systems): Article 010 (Annotation): Article 015 (Security) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:25059:ed-1:v1:en This document outlines a quality model for Al systems and is an application-specific extension to the standards on SQuaRE. The characteristics and sub-characteristics detailed in the model provide consistent terminology for specifying, measuring and evaluating Al system quality. The characteristics against which stated quality characteristics against which stated quality requirements can be compared for completeness.	Al systems     Al models     Al models     Accessibility     Societal adaptability     Accessibility     Societal adaptability     Accessibility     Societal adaptability     Accessibility     Accessibilit	Cybe	action capability	Article 017 Article 017, Article 005, Article 071 Article 017 Article 015	19 19 19 19 19 19 19 19 19 19

	STANDARD		Standard AI A	.ct Mapping				
	The data presented have a value for research	rch and not a le	Number			new	Hosting and developing	
		Terms		Variant	Complementary	AI Act	~	
46	26514 -	<sup>34</sup> Design				Article 010, Article 017	46	6
ification		124 User				Article 071	46	6
mounon	P Design and development of information for users	268 Informati	ion				46	6
ationship with	p Article 010, Article 017 (Design); Article 071 (User)	=				-		
Ai Ac	á –							
								_
								_
Link	k https://www.iso.org/obp/ui/en/#iso:std:iso-iec-	1						_
Scope	e This document covers the development process	ר						_
	for designers and developers of information for							_
	users of software. It describes how to establish							_
	what information users need, how to determine the way in which that information should be presented,							_
	and how to prepare the information and make it							
	available. It is not limited to the design and development stage of the life cycle, but includes							_
	information on design throughout the life cycle,							
	such as design strategy and maintaining a design.							
								-
		OPTIONAL INFO						
		Name and Staz	Affiliation and U Qualification	INI TC 504	Linkedin other			
Full text	f Foreword	Observations						
	ISO (the International Organization for Standardization) and IEC (the International							
	Electrotechnical Commission) form the specialized							
	system for worldwide standardization. National							
	bodies that are members of ISO or IEC participate							
		Terms		Variant	Complementary	AI Act		_
28	27000 -	137 Access of	control				28	
ification	Information security management system - Overview	138 Attack					28	
	and vocabulary	<sup>139</sup> Authentie					28	
tionship with		<sup>140</sup> Authentie	-				28	в
Ai Ac	Article 003, Article 043 (Conformity); Article 009, Article 011,	10 Auditabil	ity					
	Article 072 (Documented information): Article 003, Article 071,	/ / wantabi					28	в
	Article 072 (Documented information); Article 008 (Compliance with the requirements); Article 009 (Measurement); Article 009	<sup>105</sup> Compete	ence				28	
	Article 072 (Documented information); Article 008 (Compliance							в
	Article 072 (Documented information); Article 008 (Compliance with the requirements); Article 009 (Measurement); Article 009 (Residual risk); Article 009 (Risk evaluation)	<sup>105</sup> Compete	ntiality				28	B B
Link	Article 072 (Documented information), Article 008 (Compliance with the requirements); Article 009 (Messarement); Article 009 (Residual risk); Article 009 (Risk evaluation)         k       https://www.iso.org/obp/ui/en/#iso:std:iso-	<sup>105</sup> Compete <sup>23</sup> Confider	ntiality uence			Article 003, Article 043	28	B B B
	Article 072 (Documented information), Article 008 (Compliance with the requirements); Article 009 (Residual risk); Article 009 (Residual risk); Article 009 (Risk evaluation)         *       https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en	105 Compete 23 Confider 143 Consequ	ntiality uence iity			Article 003, Article 043	28	B B B
	Article 072 (Documented information), Article 008 (Compliance with the requirements); Article 009 (Measurement); Article 009         (Residual risk); Article 009 (Risk evaluation)         k         https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en         e         This document provides the overview of information security management systems (ISMS).	105       Compete         23       Confider         143       Consequ         144       Conform         143       Consequ	ntiality uence iity			Article 003, Article 043 Article 009, Article 011, Arti	28 28 28 28 28 28 28	B B B B
	Article 072 (Documented information): Article 008 (Compliance with the requirements): Article 009 (Messivement): Article 009 (Residual risk): Article 009 (Risk evaluation)         k       https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en         *       This document provides the overview of information security management systems (ISMS). It also provides terms and definitions commonly	105     Compete       23     Confider       143     Consequ       144     Consequ       145     Docume	ntiality Jence Jity Jence				28 28 28 28 28 28 28	B B B B B
	Article 072 (Documented information), Article 008 (Compliance with the requirements); Article 009 (Residual risk); Article 009 (Residual risk); Article 009 (Risk evaluation)         k       https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en         e       This document provides the overview of information security management systems (ISMS). It also provides terms and definitions commonly used in the ISMS family of standards. This	105     Compete       23     Confider       143     Consequ       144     Consequ       145     Docume	ntiality Jence Jence Inted information Ince of information securit	у			28 28 28 28 28 28 28 28 28 28 28 28 28 2	8 8 8 8 8
	Article 072 (Documented information), Article 003 (Compliance with the requirements); Article 009 (Reiskewament); Article 009         (Residual risk); Article 009 (Risk evaluation)         *         https://www.iso.org/obp/ui/en/#iso:std:iso- iec:27000:ed-5:v1:en         *         This document provides the overview of information security management systems (ISMS). It also provides terms and definitions commonly used in the ISMS family of standards. This document is applicable to all types and sizes of organization (e.g. commercial enterprises,	105       Compete         23       Confider         143       Consequ         144       Conform         143       Consequ         144       Conform         145       Docume         146       Governa         148       Governi	ntiality Jence Jence Inted information Ince of information securit ng body				28 28 28 28 28 28 28 28 28	8 8 8 8 8 8 8 8 8 8
	Article 072 (Documented information), Article 008 (Compliance with the requirements), Article 009 (Residual risk); Article 009 (Residual risk); Article 009 (Risk evaluation)         k       https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en         e       This document provides the overview of information security management systems (ISMS). It also provides terms and definitions commonly used in the ISMS family of standards. This document is applicable to all types and sizes of organization (e.g. commercial enterprises, government agencies, not-for-profit organizations).	105       Compete         23       Confider         143       Consequ         144       Conform         143       Consequ         144       Conform         145       Docume         146       Governa         148       Governir         91       Improver	ntiality Jence Jence Inted information Ince of information securit Ing body ment	 у			28 28 28 28 28 28 icle 072 28 28 28	B B B B B B B B B B B B B B B B B B B
	Article 072 (Documented information), Article 003 (Compliance with the requirements); Article 009 (Reiskewament); Article 009         (Residual risk); Article 009 (Risk evaluation)         *         https://www.iso.org/obp/ui/en/#iso:std:iso- iec:27000:ed-5:v1:en         *         This document provides the overview of information security management systems (ISMS). It also provides terms and definitions commonly used in the ISMS family of standards. This document is applicable to all types and sizes of organization (e.g. commercial enterprises,	105       Compete         23       Confider         143       Consequ         144       Conform         143       Consequ         145       Docume         146       Governar         148       Governir         91       Improver         117       Information	ntiality Jence Jence Inted information Ince of information securit Ing body ment ion system				28 28 28 28 28 28 icle 072 28 28 28 28 28	B B B B B B B B B B B B B B B B B B B
	Article 072 (Documented information): Article 008 (Compliance     with the requirements): Article 009 (Reservement): Article 009     (Residual risk): Article 009 (Risk evaluation)     (Residual risk): Article 009 (Risk evaluation)     (This document provides the overview of     information security management systems (ISMS).     It also provides terms and definitions commonly     used in the ISMS family of standards. This     document is applicable to all types and sizes of     organization (e.g. commercial enterprises,     government agencies, not-for-profit organizations).     The terms and definitions provided in this     document     ocver commonly used terms and definitions in	105       Compete         23       Confider         143       Consequ         144       Conform         145       Docume         146       Governar         148       Governir         91       Improver         117       Informati         79       Organiza	ntiality Jence Jence Inted information Ince of information securit Ing body ment ion system ation	iy			28 28 28 28 28 28 28 28 28 28 28 28	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
	Article 072 (Documented information). Article 008 (Compliance with the requirements). Article 009 (Reisewament): Article 009     (Residual risk): Article 009 (Risk evaluation)     (Risk): Article 009 (Risk	105       Compete         23       Confider         143       Consequ         144       Confider         143       Consequ         144       Consequ         145       Docume         146       Governar         148       Governar         149       Improver         117       Informati         79       Organiza         150       Internal of	ntiality Jence Jence Inted information Ince of information securit ing body ment ion system ation context	y			28 28 29 28 28 28 28 28 28 28 28 28 28 28 28 28	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
	Article 072 (Documented information). Article 008 (Compliance with the requirements): Article 009 (Reisewament): Article 009 (Residual risk): Article 009 (Risk evaluation)	105       Compete         23       Confider         143       Consequ         144       Conform         143       Consequ         144       Consequ         145       Docume         146       Governar         148       Governir         91       Improver         117       Informati         79       Organiza         150       Internal of         151       Level of	ntiality Jence inted information unce of information securit ing body ment ion system ation context risk	ty			28 28 28 28 28 28 28 28 28 28 28 28 28 2	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
	Article 072 (Documented information): Article 008 (Compliance with the requirements): Article 009 (Reservement): Article 009     (Residual risk): Article 009 (Risk evaluation)     (Risk): Article 009 (Risk): Article 019 (	105       Compete         23       Confider         143       Consequ         144       Conform         143       Consequ         144       Conform         145       Docume         146       Governar         148       Governir         91       Improver         117       Informati         79       Organiza         150       Internal of         151       Level of         152       Manager	ntiality Jence inted information unce of information securit ing body ment ion system ation context risk ment system	ly		Article 009, Article 011, Arti	icie 072 28 28 28 28 28 28 28 28 28 28 28 28 28 2	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
	Article 072 (Documented information). Article 008 (Compliance with the requirements): Article 009 (Reisewament): Article 009 (Residual risk): Article 009 (Risk evaluation)	105       Compete         23       Confider         143       Consequ         144       Conform         143       Consequ         144       Consequ         145       Docume         146       Governar         148       Governir         91       Improver         117       Informati         79       Organiza         150       Internal of         151       Level of	ntiality Jence inted information unce of information securit ing body ment ion system ation context risk ment system	ly			28 28 28 28 28 28 28 28 28 28 28 28 28 2	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
	Article 072 (Documented information): Article 008 (Compliance with the requirements): Article 009 (Reservement): Article 009     (Residual risk): Article 009 (Risk evaluation)     (Risk): Article 009 (Risk): Article 019 (	105       Compete         23       Confider         143       Consequ         144       Conform         143       Consequ         144       Conform         145       Docume         146       Governar         148       Governir         91       Improver         117       Informati         79       Organiza         150       Internal of         151       Level of         152       Manager	ntiality Jence Inted information ance of information securit ing body ment ion system ation context risk ment system ament	ty		Article 009, Article 011, Arti	icie 072 28 28 28 28 28 28 28 28 28 28 28 28 28 2	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
Scope	Article 072 (Documented information). Article 008 (Compliance with the requirements): Article 009 (Reisewament): Article 009 (Residual risk): Article 009 (Risk evaluation) * This document provides the overview of information security management systems (ISMS). It also provides terms and definitions commonly used in the ISMS family of standards. This document is applicable to all types and sizes of organization (e.g. commercial enterprises, government agencies, not-for-profit organizations). The terms and definitions provided in this document — cover commonly used terms and definitions in the ISMS family of standards; — do not cover all terms and definitions applied within the ISMS family of standards; and — do not limit the ISMS family of standards in defining new terms for use.	105       Competer         23       Confider         143       Consequ         144       Conform         145       Docume         146       Governar         148       Governir         91       Improver         117       Informati         150       Internal of         151       Level of         152       Manager         153       Measure         OPTIONAL INFCO       Name and	ntiality Jence Inted information ance of information securit ing body ment ion system ation context risk ment system ament	ty	Linkedin	Article 009, Article 011, Arti	icie 072 28 28 28 28 28 28 28 28 28 28 28 28 28 2	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
Scope	Article 072 (Documented information). Article 008 (Compliance with the requirements): Article 009 (Reisewament): Article 009 (Residual risk): Article 009 (Risk evaluation) * This document provides the overview of information security management systems (ISMS). It also provides terms and definitions commonly used in the ISMS family of standards. This document is applicable to all types and sizes of organization (e.g. commercial enterprises, government agencies, not-for-profit organizations). The terms and definitions provided in this document — cover commonly used terms and definitions in the ISMS family of standards; — do not cover all terms and definitions applied within the ISMS family of standards; and — do not limit the ISMS family of standards in defining new terms for use.	105       Compete         23       Confider         143       Consequ         144       Conform         143       Consequ         144       Conform         145       Docume         146       Governa         148       Governir         91       Improver         117       Informati         79       Organiza         150       Internal of         151       Level of         152       Manager         153       Measure         OPTIONAL INFO       Name and	ntiality Jence Inted information Ince of information securit ing body ment ion system ation context risk ment system ament SRMATION Affiliation and	ty	Linkedin other	Article 009, Article 011, Arti	icie 072 28 28 28 28 28 28 28 28 28 28 28 28 28 2	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
Scope	Article 072 (Documented information): Article 008 (Compliance with the requirements): Article 009 (Reservement): Article 009 (Residual risk): Article 009 (Risk evaluation)	105       Competer         23       Confider         143       Consequ         144       Conform         145       Docume         146       Governar         148       Governir         91       Improver         117       Informati         150       Internal of         151       Level of         152       Manager         153       Measure         OPTIONAL INFCO       Name and	ntiality Jence Inted information Ince of information securit ing body ment ion system ation context risk ment system ament SRMATION Affiliation and	ly	Linkedin other	Article 009, Article 011, Arti	icie 072 28 28 28 28 28 28 28 28 28 28 28 28 28 2	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
Scope	Article 072 (Documented information), Article 008 (Compliance with the requirements), Article 009 (Residual risk); Article 009 (Residual risk); Article 009 (Risk evaluation)         **       https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en         **       This document provides the overview of information security management systems (ISMS). It also provides terms and definitions commonly used in the ISMS family of standards. This document is applicable to all types and sizes of organization (e.g. commercial enterprises, government agencies, not-for-profit organizations). The terms and definitions provided in this document — cover commonly used terms and definitions applied within the ISMS family of standards; — do not cover all terms and definitions applied within the ISMS family of standards; and — do not limit the ISMS family of standards; in defining new terms for use.         #       Foreword         ISO (the International Organization for Standardization) is a worldwide federation of	105       Compete         23       Confider         143       Consequ         144       Conform         143       Consequ         144       Conform         145       Docume         146       Governa         148       Governir         91       Improver         117       Informati         79       Organiza         150       Internal of         151       Level of         152       Manager         153       Measure         OPTIONAL INFO       Name and	ntiality Jence Inted information Ince of information securit ing body ment ion system ation context risk ment system ament SRMATION Affiliation and	ly	Linkedin other	Article 009, Article 011, Arti	icie 072 28 28 28 28 28 28 28 28 28 28 28 28 28 2	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
Scope	Article 072 (Documented information): Article 008 (Compliance with the requirements): Article 009 (Reservement): Article 009 (Residual risk): Article 009 (Risk evaluation)	105       Compete         23       Confider         143       Consequ         144       Conform         143       Consequ         144       Conform         145       Docume         146       Governa         148       Governir         91       Improver         117       Informati         79       Organiza         150       Internal of         151       Level of         152       Manager         153       Measure         OPTIONAL INFO       Name and	ntiality Jence Inted information Ince of information securit ing body ment ion system ation context risk ment system ament SRMATION Affiliation and	ly	Linkedin other	Article 009, Article 011, Arti	icie 072 28 28 28 28 28 28 28 28 28 28 28 28 28 2	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8

New	STANDARD		Stand Numb		Mapping	[	Terminology		
	The data presented have a value for researd						new	aiopen develo	g and ping
		Terms			Variant	Complementary			
<b>49</b>	29119 - 11	<sup>2</sup> Accura	,				Article 015		49
cification	Guidelines on the testing of AI-based systems (2020)		om from risk						49
		203 Algori							
lationship with Ai Act	Article 015 (Accuracy); Article 060 (Testing); Article 007 (Autonomy ); Article 043 (Assessment)	<sup>266</sup> Auton	omy				Article 007		49
AI ACI	······	14 Bias							49
		283 Deep	learning						49
		244 Explai	nability						49
1 : 1-		276 Interpr	retability						49
	https://www.iso.org/obp/ui/en/#iso:std:iso-iec: tr:29119:-11:ed-1:v1:en	56 Precis	ion						49
	This document TR (2020) provides an introduction	274 Robot							49
	to Al-based systems. These systems are typically	284 Test d	ata						49
	complex (e.g. deep neural nets), are sometimes	285 Metric	s						49
	based on big data, can be poorly specified and can be non-deterministic, which creates new	196 Testin	q				Article 060		49
	challenges and opportunities for testing them.	286 Asses	-				Article 043		49
	AMU TO under development	///////////////////////////////////////	omont						
	AWI TS under development This document describes testing techniques								
	(including those described in ISO/IEC/IEEE 29119								
	-4) applicable for AI systems in the context of the								
	Al system life cycle model stages defined in ISO/IEC 22989. It describes how Al and ML								
	assessment metrics can be used in the context of								
	those testing techniques. It also maps testing processes, including those described in								•
	ISO/IEC/IEEE 29119-2, to the verification and	OPTIONAL IN	FORMATION						
	validation stages in the AI system life cycle.	Name and		Affiliation and Qualification		Linkedin			
Full text	Foreword	Surname		Qualification		other			
	ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate	Observations							
					N				
		Terms 79 Organ	ization		Variant	Complementary	Al Act		37
37	31000 -		nanagement				Article 017 Article 000	Article 010 Article 000	37
cification	Guidelines		•				Article 017, Article 009, Article 007	Article 012, Article 000,	37
lationship		<sup>113</sup> Stakel	loider						
with Ai Act	Article 017, Article 003, Article 012, Article 000, Article 007								
AIACI									
LINK	https://www.iso.org/obp/ui/en/#iso:std:65694:en								
Scope	ISO 31000 provides guidelines on managing risks	1							
	faced by organizations.								
			EODMATION						
		OPTIONAL IN Name and	FORMATION	Affiliation and		Linkedin			
Full tavt		Name and Surname	FORMATION	Affiliation and Qualification		Linkedin other			
Full text	Foreword ISO (the International Organization for	Name and	FORMATION	Affiliation and Qualification					
	Foreword ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies).	Name and Surname	FORMATION	Affiliation and Qualification					

New	STANDARD		Stand Numb		Mapping		Terminology new	Technical Committee 533 Al
	The data presented have a value for researc		ot a legal value.				new	Hosting and developing
			erms sk assessment te	chniques	Variant	Complementary	Al Act	29
ID <b>29</b>	31010 -		rganization	Siniques				29
Specification	Risk assessment techniques		onitoring					29
Relationshin			-				Article 015 Article 010	29
Relationship with <mark>Ai Act</mark>	Article 015, Article 010 (Data collection processes)	29 Da	ata collection proc	esses			Article 015, Article 010	25
Link	https://www.iso.org/obp/ui/en/#iso:std:iec:31010: ed-2:v1:en,fr							
Scope	Not available							
			AL INFORMATION					
		Name an	d	Affiliation and Qualification		Linkedin		
	IEC 31010 Edition	Surnam Observatio		Quanterior		other		
	2 .0							
	201	Γe	erms		Variant	Complementary	ALAct	
ID <b>40</b>	38500 -	111 G	overnance				Article 010	40 🔺
		170 M	anagement				Article 043	40
specification	Governance of IT for the organization							
Relationship	Article 010 (Governance); Article 043 (Management)							
Relationship with <mark>Ai Act</mark>								
	https://www.iso.org/standard/81684.html							
	This document provides guiding principles for members of governing bodies of organizations and those that support them on the effective, efficient	]						
	and acceptable use of information technology (IT) within their organizations.							
			AL INFORMATION d Natale	Affiliation and		Linkedin		▼
Full toxt		Surnam	le	Affiliation and Qualification		other		
	Information technology — Governance of IT for the organization	Observatio	ons					
	Published (Edition 3, 2024) Abstract							
		J						

New	STANDARD		Standard Al Act	Mapping		rerminology UNINFO	
	The data presented have a value for researd	ch and n <u>ot a lea</u> a	al value.			aiopen Hosti deve	ng and loping
		Terms		Variant	Complementary AI A		
ID <b>41</b>	38507 -	<sup>111</sup> Governance				le 010	41
Specification	Governance implications of the use of AI by	194 Artificial int			Artic	le 003, Article 001	41
	organizations	<sup>79</sup> Organizati	on				41
Relationship with	Article 010 (Governance); Article 003, Article 001 (Artificial intelligence); Article 006 (Decision-making)	<sup>256</sup> Decision-m	naking		Artic	le 006	41
Ai Act	Intelligence); Article 006 (Decision-making)						
Link							
LIIIK	https://www.iso.org/search.html? PROD isoorg en%5Bguery%5D=38507	1					
Scope	This document provides guidance for members of	1					
	the governing body of an organization to enable						
	and govern the use of Artificial Intelligence (AI), in order to ensure its effective, efficient and						
	acceptable use within the organization.						
							<b>-</b>
		OPTIONAL INFOR					
	ISO/IEC 38507:2022	Name and Surname	Affiliation and Qualification		inkedin other		
		Terms		Variant	Complementary AI A	ct	
d <b>14</b>	42001 -	<sup>80</sup> Cleaning			Artic	le 010, Article 017	14
ecification	Management system	87 Planning			Artic	le 017	14
		88 Support					14
elationship with	Article 010 (Wedsulement and method), Article 010, Article 017	<sup>89</sup> Operation					
Ai Act	Article 017, Article 009, Article 012, Article 006, Article 007						14
	(Risk management): Article 017 (Accountability)	90 Evaluation					14
	(Risk management); Article 017 (Accountability)	<sup>91</sup> Improveme					
	(Risk management); Article 017 (Accountability)						14
Link	(Risk management); Article 017 (Accountability)	91 Improveme 92 Acquisition 50 Measurem	n Ient and method		Artic	le 015	14
Link	(Risk management): Article 017 (Accountability) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:42001:ed-1:v1:en	<ul> <li>91 Improveme</li> <li>92 Acquisition</li> <li>50 Measurem</li> <li>79 Organization</li> </ul>	n nent and method on		Artic	le 015	14 14 14
	(Risk management): Article 017 (Accountability) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:42001:ed-1:v1:en This document specifies the requirements and	<ul> <li>91 Improveme</li> <li>92 Acquisition</li> <li>50 Measurem</li> <li>79 Organization</li> <li>86 Leadership</li> </ul>	n ient and method on o		Artic	le 017	14 14 14 14 14 14
	(Risk management): Article 017 (Accountability) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:42001:ed-1:v1:en This document specifies the requirements and provides guidance for establishing, implementing,	<ul> <li>91 Improveme</li> <li>92 Acquisition</li> <li>50 Measurem</li> <li>79 Organization</li> </ul>	n ient and method on o		Artic	le 017	14 14 14 14 14
	(Risk management): Article 017 (Accountability) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:42001:ed-1:v1:en This document specifies the requirements and	<ul> <li>91 Improveme</li> <li>92 Acquisition</li> <li>50 Measurem</li> <li>79 Organization</li> <li>86 Leadership</li> </ul>	n ient and method on igement		Artic		14 14 14 14 14 14
	(Risk management): Article 017 (Accountability) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:42001:ed-1:v1:en This document specifies the requirements and provides guidance for establishing, implementing, maintaining and continually improving an AI (artificial intelligence) management system within the context of an organization.	91         Improvement           92         Acquisition           50         Measurem           79         Organizati           86         Leadership           101         Risk mana	n ient and method on igement ce		Artic	le 017	14 14 14 14 14 14
	(Risk management): Article 017 (Accountability) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:42001:ed-1:v1:en This document specifies the requirements and provides guidance for establishing, implementing, maintaining and continually improving an Al (artificial intelligence) management system within the context of an organization. This document is intended for use by an	<ul> <li><sup>91</sup> Improveme</li> <li><sup>92</sup> Acquisition</li> <li><sup>50</sup> Measurem</li> <li><sup>79</sup> Organizati</li> <li><sup>86</sup> Leadership</li> <li><sup>101</sup> Risk mana</li> <li><sup>105</sup> Competent</li> </ul>	n eent and method on o ugement ce ent system		Artic Artic	le 017	14 14 14 14 14 14 14 14
	(Risk management): Article 017 (Accountability) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:42001:ed-1:v1:en This document specifies the requirements and provides guidance for establishing, implementing, maintaining and continually improving an AI (artificial intelligence) management system within the context of an organization. This document is intended for use by an organization providing or using products or services that utilize AI systems. This document is	91         Improveme           92         Acquisition           50         Measurem           79         Organizati           86         Leadership           101         Risk mana           105         Competen           152         Manageme	n eent and method on o ugement ce ent system		Artic Artic	le 017 le 017, Article 009, Article 012, Article 006, le 007	14 14 14 14 14 14 14 14 14 14
	(Risk management): Article 017 (Accountability) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:42001:ed-1:v1:en This document specifies the requirements and provides guidance for establishing, implementing, maintaining and continually improving an AI (artificial intelligence) management system within the context of an organization. This document is intended for use by an organization providing or using products or services that utilize AI systems. This document is intended to help the organization develop, provide	91         Improveme           92         Acquisition           50         Measurem           79         Organizati           86         Leadership           101         Risk mana           105         Competen           152         Manageme	n eent and method on o ugement ce ent system		Artic Artic	le 017 le 017, Article 009, Article 012, Article 006, le 007	14 14 14 14 14 14 14 14 14 14
	(Risk management): Article 017 (Accountability) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:42001:ed-1:v1:en This document specifies the requirements and provides guidance for establishing, implementing, maintaining and continually improving an AI (artificial intelligence) management system within the context of an organization. This document is intended for use by an organization providing or using products or services that utilize AI systems. This document is	91         Improveme           92         Acquisition           50         Measurem           79         Organizati           86         Leadership           101         Risk mana           105         Competen           152         Manageme	n eent and method on o ugement ce ent system		Artic Artic	le 017 le 017, Article 009, Article 012, Article 006, le 007	14 14 14 14 14 14 14 14 14 14
	(Risk management): Article 017 (Accountability) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:42001:ed-1:v1:en This document specifies the requirements and provides guidance for establishing, implementing, maintaining and continually improving an AI (artificial intelligence) management system within the context of an organization. This document is intended for use by an organization providing or using products or services that utilize AI systems. This document is intended to help the organization develop, provide or use AI systems responsibly in pursuing its objectives and meet applicable requirements, obligations related to interested parties and	91         Improveme           92         Acquisition           50         Measurem           79         Organizati           86         Leadership           101         Risk mana           105         Competen           152         Manageme	n eent and method on o ugement ce ent system		Artic Artic	le 017 le 017, Article 009, Article 012, Article 006, le 007	14 14 14 14 14 14 14 14 14 14
	(Risk management): Article 017 (Accountability) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:42001:ed-1:v1:en This document specifies the requirements and provides guidance for establishing, implementing, maintaining and continually improving an AI (artificial intelligence) management system within the context of an organization. This document is intended for use by an organization providing or using products or services that utilize AI systems. This document is intended to help the organization develop, provide or use AI systems responsibly in pursuing its objectives and meet applicable requirements, obligations related to interested parties and expectations from them.	91         Improveme           92         Acquisition           50         Measurem           79         Organizati           86         Leadership           101         Risk mana           105         Competen           152         Manageme	n eent and method on o ugement ce ent system		Artic Artic	le 017 le 017, Article 009, Article 012, Article 006, le 007	14 14 14 14 14 14 14 14 14 14
	(Risk management): Article 017 (Accountability) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:42001:ed-1:v1:en This document specifies the requirements and provides guidance for establishing, implementing, maintaining and continually improving an AI (artificial intelligence) management system within the context of an organization. This document is intended for use by an organization providing or using products or services that utilize AI systems. This document is intended to help the organization develop, provide or use AI systems responsibly in pursuing its objectives and meet applicable requirements, obligations related to interested parties and expectations from them. This document is applicable to any organization, regardless of size, type and nature, that provides	91         Improveme           92         Acquisition           50         Measurem           79         Organizati           86         Leadership           101         Risk mana           105         Competen           152         Manageme	n eent and method on o ugement ce ent system		Artic Artic	le 017 le 017, Article 009, Article 012, Article 006, le 007	14 14 14 14 14 14 14 14 14 14
	(Risk management): Article 017 (Accountability) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:42001:ed-1:v1:en This document specifies the requirements and provides guidance for establishing, implementing, maintaining and continually improving an AI (artificial intelligence) management system within the context of an organization. This document is intended for use by an organization providing or using products or services that utilize AI systems. This document is intended to help the organization develop, provide or use AI systems responsibly in pursuing its objectives and meet applicable requirements, obligations related to interested parties and expectations from them. This document is applicable to any organization, regardless of size, type and nature, that provides or uses products or services that utilize AI	91       Improveme         92       Acquisition         50       Measurem         79       Organizatii         86       Leadership         101       Risk mana         105       Competen         152       Manageme         273       Accountab	n eent and method on o ugement ce ent system jility		Artic Artic	le 017 le 017, Article 009, Article 012, Article 006, le 007	14 14 14 14 14 14 14 14 14 14
	(Risk management): Article 017 (Accountability) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:42001:ed-1:v1:en This document specifies the requirements and provides guidance for establishing, implementing, maintaining and continually improving an AI (artificial intelligence) management system within the context of an organization. This document is intended for use by an organization providing or using products or services that utilize AI systems. This document is intended to help the organization develop, provide or use AI systems responsibly in pursuing its objectives and meet applicable requirements, obligations related to interested parties and expectations from them. This document is applicable to any organization, regardless of size, type and nature, that provides	91 Improveme 92 Acquisition 50 Measurem 79 Organizati 86 Leadership 101 Risk mana 105 Competen 152 Manageme 273 Accountab	n eent and method on o gement ce ent system ility MATION		Artic Artic Artic	le 017 le 017, Article 009, Article 012, Article 006, le 017 le 017	14 14 14 14 14 14 14 14 14 14
Scope	(Risk management): Article 017 (Accountability) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:42001:ed-1:v1:en This document specifies the requirements and provides guidance for establishing, implementing, maintaining and continually improving an AI (artificial intelligence) management system within the context of an organization. This document is intended for use by an organization providing or using products or services that utilize AI systems. This document is intended to help the organization develop, provide or use AI systems responsibly in pursuing its objectives and meet applicable requirements, obligations related to interested parties and expectations from them. This document is applicable to any organization, regardless of size, type and nature, that provides or uses products or services that utilize AI systems.	91 Improveme 92 Acquisition 50 Measurem 79 Organizati 86 Leadership 101 Risk mana 105 Competen 152 Manageme 273 Accountab	n eent and method on o ugement ce ent system jility	3 (member) Li 14 (president)	Artic Artic Artic	le 017 le 017, Article 009, Article 012, Article 006, le 007	14 14 14 14 14 14 14 14 14 14
Scope	(Risk management): Article 017 (Accountability)         https://www.iso.org/obp/ui/en/#iso:std:iso- iec:42001:ed-1:v1:en         This document specifies the requirements and provides guidance for establishing, implementing, maintaining and continually improving an AI (artificial intelligence) management system within the context of an organization.         This document is intended for use by an organization providing or using products or services that utilize AI systems. This document is intended to help the organization develop, provide or use AI system responsibly in pursuing its objectives and meet applicable requirements, obligations related to interested parties and expectations from them.         This document is applicable to any organization, regardless of size, type and nature, that provides or uses products or services that utilize AI systems.         Foreword	91 Improveme 92 Acquisition 50 Measurem 79 Organizati 86 Leadership 101 Risk mana 105 Competen 152 Manageme 273 Accountab	n eent and method on o gement ce ent system ility MATION	3 (member) Li 4 (president)	Artic	le 017 le 017, Article 009, Article 012, Article 006, le 017 le 017	14 14 14 14 14 14 14 14 14 14
Scope	(Risk management): Article 017 (Accountability) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:42001:ed-1:v1:en This document specifies the requirements and provides guidance for establishing, implementing, maintaining and continually improving an AI (artificial intelligence) management system within the context of an organization. This document is intended for use by an organization providing or using products or services that utilize AI systems. This document is intended to help the organization develop, provide or use AI systems responsibly in pursuing its objectives and meet applicable requirements, obligations related to interested parties and expectations from them. This document is applicable to any organization, regardless of size, type and nature, that provides or uses products or services that utilize AI systems.	91 Improveme 92 Acquisition 50 Measurem 79 Organizati 86 Leadership 101 Risk mana 105 Competen 152 Manageme 273 Accountab 09TIONAL INFOR Name and Domen Surname	n eent and method on o gement ce ent system ility MATION	13 (member) Li 14 (president)	Artic	le 017 le 017, Article 009, Article 012, Article 006, le 017 le 017	14 14 14 14 14 14 14 14 14 14
Scope	(Risk management): Article 017 (Accountability) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:42001:ed-1:v1:en This document specifies the requirements and provides guidance for establishing, implementing, maintaining and continually improving an AI (artificial intelligence) management system within the context of an organization. This document is intended for use by an organization providing or using products or services that utilize AI systems. This document is intended to help the organization develop, provide or use AI systems responsibly in pursuing its objectives and meet applicable requirements, obligations related to interested parties and expectations from them. This document is applicable to any organization, regardless of size, type and nature, that provides or uses products or services that utilize AI systems.	91 Improveme 92 Acquisition 50 Measurem 79 Organizati 86 Leadership 101 Risk mana 105 Competen 152 Manageme 273 Accountab 09TIONAL INFOR Name and Domen Surname	n eent and method on o gement ce ent system ility MATION	3 (member) Li	Artic	le 017 le 017, Article 009, Article 012, Article 006, le 017 le 017	14 14 14 14 14 14 14 14 14 14
Scope	(Risk management): Article 017 (Accountability) https://www.iso.org/obp/ui/en/#iso:std:iso- iec:42001:ed-1:v1:en This document specifies the requirements and provides guidance for establishing, implementing, maintaining and continually improving an AI (artificial intelligence) management system within the context of an organization. This document is intended for use by an organization providing or using products or services that utilize AI systems. This document is intended to help the organization develop, provide or use AI systems responsibly in pursuing its objectives and meet applicable requirements, obligations related to interested parties and expectations from them. This document is applicable to any organization, regardless of size, type and nature, that provides or uses products or services that utilize AI systems.	91 Improveme 92 Acquisition 50 Measurem 79 Organizati 86 Leadership 101 Risk mana 105 Competen 152 Manageme 273 Accountab 09TIONAL INFOR Name and Domen Surname	n eent and method on o gement ce ent system ility MATION	3 (member) Li	Artic	le 017 le 017, Article 009, Article 012, Article 006, le 017 le 017	14 14 14 14 14 14 14 14 14 14

New	STANDARD		Stand Num		Mapping		Terminology new	Technical Committee		
	The data presented have a value for researd						1.5W	aiopen devi	ing and eloping	
		Terms 49 Lifecy			Variant	Complementary	Al Act Article 015, Article 017,	Article 009	53	- -
d <b>53</b>	62304 -	235 Proces					Article 015, Article 017,	Article 005	53	7
ecification	Software life cycle processes									
elationship with Ai Act	Article 015, Article 017, Article 009 (Lifecycle)									
Ai Act										
Link	https://www.iso.org/obp/ui/en/#iso:std:iec:62304:									
	ed-1:v1:en IEC This standard defines the life cycle	1								
	requirements for medical device software. The set									
	of processes, activities, and tasks described in this standard establishes a common framework for									
	medical device software life cycle processes.									
		OPTIONAL IN	FORMATION							<b>▼</b>
		Name and		Affiliation and Qualification		Linkedin other				
Full text	FOREWORD	Surname Observations		Guaincation		oulei				٦
	1) The International Electrotechnical Commission (IEC) is a worldwide									
	organization for standardization comprising all									
	national electrotechnical committees (IEC National Committees). The object of IEC is to promote									
	· · · · · · · · · · · · · · · · · · ·	Terms			Variant	Complementary	Al Act			
33	82079 - 1	247 Docun	nentation				Article 072		33	4
ecification	IEC Part 1: principles and general requirements	<sup>34</sup> Desigr					Article 010, Article 017		33	
		<sup>248</sup> Inform <sup>247</sup> Docun	ation quality				Article 070		33	
with Ai Act	Article 010, Article 017 (Design); Article 011, Article 043 (Technical documentation); Article 072 (Documentation)		ical documen	tation			Article 072 Article 011, Article 043		33	
LINK	https://www.iso.org/obp/ui/en/#iso:std:iec- ieee:82079:-1:ed-2:v1:en,fr									
Scope	ISO/IEEE 82079-1 provides general principles and									
	detailed requirements for the design and formulaltion of all type of instruction for use that									
	will be necessary or heplful for users of products									
										•
			FORMATION							
		OPTIONAL IN								
		OPTIONAL IN Name and Surname		Affiliation and UNI Qualification		Linkedin other				
Full text	PREVIEW	Name and		Affiliation and UNI Qualification		Linkedin other				
	IEC /IEEE	Name and Surname		Affiliation and UNI Qualification		Linkedin other				7
	IEC	Name and Surname		Affiliation and UNI Qualification		Linkedin other				