New

STANDARD

Standard | Number | AI Act | Mapping | Terminology

The data exposed has research value and not legal value.

UNINFO UNI — Technical Committee 533 AI

aiopenmind — Hosting and developing

ID 15 5259 - 1

Specification: Overview, terminology and examplse

Relationship with Ai Act: **Article 015, Article 010** *(Data collection processes);* **Article 017** *(Data life cycle);* **Article 010** *(Data quality);* **Article 009** *(Measurement)*

Link: https://www.iso.org/search.html?PROD_isoorg_en%5Bquery%5D=5259-1

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).

	Terms	Variant	Complementary	AI Act	
30	Data life cycle			**Article 017**	15
29	Data collection processes			**Article 015, Article 010**	15
162	Data user				15
116	Data quality			**Article 010**	15
163	Data quality model				15
153	Measurement			**Article 009**	15
164	Analitics				15
165	Data quality management				15
166	Data governance				15
167	Data provenance				15

OPTIONAL INFORMATION

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Observations:

ID 3 5259 - 2

Specification: Data quality measures

Relationship with Ai Act: **Article 017, Article 005** *(Accessibility);* **Article 015** *(Accuracy);* **Article 015, Article 010, Article 017** *(Bias detection and correction);* **Article 017** *(Compliance);* **Article 017** *(Data holder);* **Article 017** *(Identifiability);* **Article 010** *(Consistency);* **Article 015** *(Data quality reporting);* **Article 015, Article 010** *(Origin of data);* **Article 010** *(Quality criteria);* **Article 010** *(Training, validation, testing datasets)*

Link: https://www.iso.org/standard/81860.html

Scope: This document specifies a data quality model, data quality measures and guidance on reporting data quality in the context of analytics and machine learning (ML). This document is applicable to all types of organizations who want to achieve their data quality objectives.

	Terms	Variant	Complementary	AI Act	
21	Compliance	complete		**Article 017**	3
1	Accessibility	access		**Article 017, Article 005**	3
22	Data holder	identifiability		**Article 017**	3
25	Consistency			**Article 010**	3
11	Balance				3
20	Completeness				3
63	Resilience regarding errors, faults,	dataset			3
13	Bias detection and correction	dataset		**Article 015, Article 010, Article 017**	3
26	Credibility		complementary		3
75	Understandability		complementary		3
27	Currentness		complementary		3
76	Validation		complementary		3
39	Efficiency		complementary		3
57	Quality criteria		complementary	**Article 010**	3
74	Training, validation, testing datasets		complementary	**Article 010**	3
56	Precision		complementary		3
60	Relevance		complementary		3
12	Benchmark and measurement methodologies		complementary		3
69	Synthetic or anonymised data		complementary		3
37	Documentation of the access, to avoid misuse		complementary		3

OPTIONAL INFORMATION

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Observations:

New

STANDARD

Standard | Number | AI Act | Mapping | Terminology

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UNINFO UNI
Technical Committee 533 AI
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ID 16 5259 - 3

Specification: Data quality management requirements and guidelines

Relationship with **Ai Act**: **Article 017, Article 009** *(Risk management)*

Link: https://www.iso.org/standard/81092.html

Scope: This document specifies requirements and provides guidance for establishing, implementing, maintaining and continually improving the quality of data used in the areas of analytics and machine 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.

	Terms	Variant	Complementary	AI Act	
168	Data quality plan				16
165	Data quality management				16
169	Data quality culture				16
170	Management				16
172	Audit and assessment				16
171	Data quality management lifecycle				16
173	Horizontal aspects				16
101	Risk management			Article 017, Article 009	16
174	Data format				16
175	Managing of data quality dependencies				16
176	Management system integration				16

OPTIONAL INFORMATION

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Observations:

ID 17 5259 - 4

Specification: Data quality process framework

Relationship with **Ai Act**: **Article 017** *(Data life cycle)*

Link: https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259:-4:ed-1:v1:en

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 quality 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 data use. This document does not define specific services, platforms or tools.

	Terms	Variant	Complementary	AI Act	
177	Outsourcing				17
178	Cloud service				17
179	Segmentation				17
180	Data quality process principles				17
30	Data life cycle			Article 017	17
181	Data quality process validation				17
182	Data requirements				17
183	Data labelling				17
184	Data quality assessment				17
185	Data decommisionig				17

OPTIONAL INFORMATION

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Observations:

New

STANDARD

Standard | Number | AI Act | Mapping | Terminology

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UNINFO UNI
Technical Committee 533 AI
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ID 18 **5259 - 5**

Specification Data quality governance framework

Relationship with **Ai Act** **Article 010** *(Governance)*

Link 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 respectively.

	Terms	*Variant*	*Complementary*	*AI Act*	
166	Data governance				18
111	Governance			**Article 010**	18
146	Governance of information security				18
186	Data quality risk management				18
187	Responsability of governing body				18
188	Establish enabling environment for data				18

OPTIONAL INFORMATION

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Observations

ID 20 **5338 -**

Specification AI System life cycle process

Relationship with **Ai Act** **Article 003, Article 004** *(AI systems);* **Article 015, Article 017, Article 009** *(Lifecycle)*

Link https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5338:ed-1:v1:en

Scope This document defines a set of processes and 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 AI-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.

	Terms	*Variant*	*Complementary*	*AI Act*	
189	Knowledge acquisition				20
49	Lifecycle			**Article 015, Article 017, Article 009**	20
122	System				20
4	AI systems			**Article 003, Article 004**	20
190	Human resource management process				20
191	Quality management process				20
192	Knowledge management process				20
49	Lifecycle			**Article 015, Article 017, Article 009**	20
193	Maintenance process				20

OPTIONAL INFORMATION

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Observations

New

STANDARD

Standard | Number | AI Act | Mapping | Terminology

The data exposed has research value and not legal value.

UNINFO UNI
Technical Committee 533 AI
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ID 31 **5469** -

Specification: TR Functional safety and AI systems

Relationship with Ai Act: **Article 001, Article 073** *(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:
— use of AI inside a safety related function to realize the functionality;
— use of non-AI safety related functions to ensure safety for an AI controlled equipment;
— use of AI systems to design and develop safety related functions.

	Terms	Variant	Complementary	AI Act	
214	Safety			**Article 001, Article 073**	31
242	Risk factors				31
244	Explainability				31
243	Transparency				31

OPTIONAL INFORMATION

Name and Surname | Affiliation and Qualification | Linkedin ... other

Observations

ID 11 **8183** -

Specification: Data life cycle

Relationship with Ai Act: **Article 017** *(Data life cycle)*; **Article 010** *(Governance)*

Link: https://www.iso.org/obp/ui/en/#iso:std:iso-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.

	Terms	Variant	Complementary	AI Act	
31	Data processed are secured, protected,				11
93	Preparation				11
30	Data life cycle			**Article 017**	11
94	Decommissioning				11
88	Support				11
109	Busness requirements				11
110	Verification and validation				11
111	Governance			**Article 010**	11

OPTIONAL INFORMATION

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Observations

New

STANDARD

Standard | Number | AI Act | Mapping | Terminology

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UNINFO UNI
Technical Committee 533 AI
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ID **30** **14971** -

Specification *Application of risk management to medical devices*

Relationship with **Ai Act** **Article 009** *(Residual risk)*; **Article 009** *(Risk evaluation)*; **Article 001, Article 073** *(Safety)*; **Article 005** *(Market for medical or safety reasons)*

Link https://www.iso.org/obp/ui/en/#iso:std:iso:14971:ed-3:v1:en

Scope 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 applies to risks associated with a medical device, such as risks related to biocompatibility, data and systems security, electricity, moving parts, radiation, and usability.
The process described in this document can also be applied to products that are not necessarily medical devices in some jurisdictions and can also be used by others involved in the medical device life cycle.

	Terms	*Variant*	*Complementary*	*AI Act*	
159	Risk management process				30
170	Management				30
156	Risk analysis				30
158	Risk evaluation			**Article 009**	30
238	Risk estimation				30
154	Residual risk			**Article 009**	30
239	Market for medical or safety reasons			**Article 005**	30
214	Safety			**Article 001, Article 073**	30
240	Safety components of devices				30

OPTIONAL INFORMATION

Name and Surname | Affiliation and Qualification | Linkedin ... other

Observations

ID **26** **22989** -

Specification *Artificial intelligence concepts and terminology*

Relationship with **Ai Act** **Article 015** *(Data quality reporting)*; **Article 003, Article 001** *(Artificial intelligence)*; **Article 015** *(Cybersecurity)*; **Article 004** *(Knowledge)*

Link https://www.iso.org/obp/ui/en/#iso:std:iso-iec:22989:ed-1:v1:en

Scope This document establishes terminology for AI and describes concepts in the field of AI.
This document can be used in the development of 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).

	Terms	*Variant*	*Complementary*	*AI Act*	
194	Artificial intelligence			**Article 003, Article 001**	26
64	Terms related to AI				26
206	Terms related to computer vision				26
201	Terms related to data				26
202	Terms related to machnine learning				26
205	Terms related to natural language processing				26
203	Terms related to neural networks				26
204	Terms related to trustworthiness				26
28	Data quality reporting			**Article 015**	26
215	Cybersecurity			**Article 015**	26
231	Knowledge			**Article 004**	26
76	Validation				26

OPTIONAL INFORMATION

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Observations

New

STANDARD

Standard Number | AI Act | Mapping | Terminology

The data exposed has research value and not legal value.

UNINFO UNI
Technical Committee 533 AI
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ID 24 **23894** -

Specification Guidance on risk management

Relationship with **Ai Act** **Article 010, Article 017** *(Design);* **Article 017** *(Leadership);* **Article 017, Article 009** *(Risk management)*

Link https://www.iso.org/obp/ui/en/#iso:std:iso-iec:23894:ed-1:v1:en

Scope 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.

	Terms	*Variant*	*Complementary*	*AI Act*	
101	Risk management			**Article 017, Article 009**	24
86	Leadership			**Article 017**	24
34	Design			**Article 010, Article 017**	24
90	Evaluation				24
91	Improvement				24
160	Risk treatment				24
112	Monitoring				24
235	Processes				24
236	Products				24

OPTIONAL INFORMATION

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Observations

ID 13 **24027** -

Specification Bias in AI systems and AI aided decision making

Relationship with **Ai Act** **Article 010, Article 017** *(Design);* **Article 015, Article 017, Article 009** *(Lifecycle)*

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 AI systems, especially with regards to AI-aided decision-making. Measurement techniques and methods for assessing bias are described, with the aim to address and treat bias-related vulnerabilities. All AI system lifecycle phases are in scope, including but not limited to data collection, training, continual learning, design, testing, evaluation and use.

	Terms	*Variant*	*Complementary*	*AI Act*	
51	Functional correctness				13
16	Characteristics of the data sets may be met at				13
14	Bias				13
106	Data bias				13
34	Design			**Article 010, Article 017**	13
49	Lifecycle			**Article 015, Article 017, Article 009**	13
107	Software testing				13
108	Social responsibility				13

OPTIONAL INFORMATION

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Observations

New

STANDARD

Standard Number | AI Act | Mapping | Terminology

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UNINFO UNI Technical Committee 533 AI

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ID 21 **24029 - 1**

Specification *Assessment of the robustness of neural networks - Part 1 Overview*

Relationship with **Ai Act** **Article 015** *(Robusteness);* **Article 010** *(Training, validation, testing datasets);* **Article 003, Article 001** *(Artificial intelligence)*

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.

	Terms	*Variant*	*Complementary*	*AI Act*	
194	Artificial intelligence			**Article 003, Article 001**	21
195	Artificial neural network				21
196	Testing				21
18	Robusteness			**Article 015**	21
74	Training, validation, testing datasets			**Article 010**	21

OPTIONAL INFORMATION

Name and Surname | Affiliation and Qualification | Linkedin ... other

Observations

ID 22 **24029 - 2**

Specification *Assessment of the robustness of neural networks - Part 2 Methodology for the use of formal methods*

Relationship with **Ai Act** **Article 015** *(Robusteness)*

Link https://www.iso.org/obp/ui/en/#iso:std:iso-iec:24029:-2:ed-1:v1:en

Scope 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.

	Terms	*Variant*	*Complementary*	*AI Act*	
197	Domain				22
198	Bounded domain				22
199	Architecture				22
200	Time series				22
18	Robusteness			**Article 015**	22

OPTIONAL INFORMATION

Name and Surname | Affiliation and Qualification | Linkedin ... other

Observations

New

STANDARD

Standard Number | AI Act | Mapping | Terminology

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UNINFO UNI Technical Committee 533 AI

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ID 23 — 24029 - 3

Specification: AWI Assessment of the robustness of neural networks - Part 3 Methodology for the use of formal methods

Relationship with **Ai Act**:

Link: https://www.iso.org/standard/86901.html

Scope: 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

Terms	*Variant*	*Complementary*	*AI Act*

OPTIONAL INFORMATION

Name and Surname | Affiliation and Qualification | Linkedin ... other

Observations

ID 27 — 25010 -

Specification: SQuaRE - Product quality model

Relationship with **Ai Act**: **Article 015** *(Security)*; **Article 001, Article 073** *(Safety)*

Link: https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25010:ed-2:v1:en

Scope: 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 specification and evaluation of the target products' quality throughout their lifecycle by several stakeholders, including developers, acquirers, quality assurance and control staff and independent evaluators.

Terms	*Variant*	*Complementary*	*AI Act*	
207 Functional suitability				27
208 Performance efficiency				27
98 Compatibility				27
210 Interaction capability				27
211 Reliability				27
66 Security			**Article 015**	27
99 Maintainability				27
213 Flexibility				27
214 Safety			**Article 001, Article 073**	27

OPTIONAL INFORMATION

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Observations

New

STANDARD

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UNINFO UNI
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ID **25** **25019** -

Specification Quality-in-use model

Relationship with **Ai Act** **Article 017, Article 005** *(Accessibility);* **Article 017** *(Compliance);* **Article 017** *(Post-market);* **Article 010** *(Data quality);* **Article 004** *(Experience)*

Link https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en

Scope This document defines a quality-in-use model composed of three characteristics (which are further subdivided into sub-characteristics) that can influence stakeholders when products or systems are used in a specified context of use. This model is applicable to the entire spectrum of information system and IT service system, including both computer systems in use and software products in use.
This document provides a set of quality characteristics for specifying, measuring, evaluating and improving quality-in-use.
In this document, because context of use is specified as prerequisite of quality-in-use, context of use is necessary to be re-specified to change prerequisite when a product or service intend to fulfil to context of use changes.

	Terms	Variant	Complementary	AI Act	
100	Post-market			Article 017	25
112	Monitoring				25
113	Stakeholder				25
90	Evaluation				25
1	Accessibility			Article 017, Article 005	25
97	Usability				25
116	Data quality			Article 010	25
115	Customer				25
117	Information system				25
79	Organization				25
118	Quality-in-use				25
119	Risk				25
120	Society				25
121	Software quality				25
122	System				25
123	Target entity				25
125	Direct user				25
124	User				25
126	Beneficialness				25
128	Freedom from risk				25

OPTIONAL INFORMATION

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Observations

ID **2** **25024** -

Specification Measurement of data quality

Relationship with **Ai Act** **Article 017, Article 005** *(Accessibility);* **Article 015** *(Accuracy);* **Article 017** *(Compliance);* **Article 010** *(Consistency);* **Article 015** *(Measurement and method);* **Article 010** *(Quality criteria);* **Article 010** *(Training, validation, testing datasets)*

Link https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en

Scope This International Standard defines data quality measures for quantitatively measuring the data quality in terms of characteristics defined in ISO/IEC 25012.
This International Standard contains the following:
— a basic set of data quality measures for each characteristic;
— a basic set of target entities to which the quality measures are applied during the data-life-cycle;
— an explanation of how to apply data quality measures;
— a guidance for organizations defining their own measures for data quality requirements and evaluation.
It includes, as informative annexes, a synoptic table of quality measure elements defined in this International standard (Annex A), a table of quality measures associated to each quality measure element and target entitiy (Annex B), considerations about specific quality measure elements (Annex C), a list of quality measures in alphabetic order (Annex D), and a table of quality measures grouped by characteristics and target entities (Annex E).
This International Standard does not define ranges of values of these quality measures to rate levels or grades because these values are defined for each system by its nature depending on the system context and users' needs.
This International Standard can be applied to any kind of data retained in a structured format within a computer system used for any kinds of applications.
People managing data and services including data are the primary beneficiaries of the quality measures.
This International Standard is intended to be used by people who need to produce and/or use data quality measures while pursuing their responsibilities.
— Acquirer (an individual or organization that acquires or procures data from a supplier).
— Evaluator (an individual or organization that performs an evaluation, which can, for example, be a testing laboratory, the quality department of an organization, a

	Terms	Variant	Complementary	AI Act	
2	Accuracy	free of errors		Article 015	2
21	Compliance	complete		Article 017	2
1	Accessibility	access		Article 017, Article 005	2
50	Measurement and method			Article 015	2
23	Confidentiality	personal data			2
11	Balance				2
26	Credibility		complementary		2
25	Consistency		complementary	Article 010	2
27	Currentness		complementary		2
76	Validation		complementary		2
40	Eliminate or reduce biased output		complementary		2
57	Quality criteria		complementary	Article 010	2
74	Training, validation, testing datasets		complementary	Article 010	2
56	Precision		complementary		2
60	Relevance		complementary		2
50	Measurement and method			Article 015	2
10	Auditability				2
142	Non-repudiation				2
73	Traceability				2
20	Completeness				2

OPTIONAL INFORMATION

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Observations

New

STANDARD

Standard | AI Act | Mapping | Terminology

Number

The data exposed has research value and not legal value.

UNINFO UNI

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ID **19** **25059** -

Specification *Quality model for AI System*

Relationship with **Ai Act** **Article 017, Article 005** *(Accessibility);* **Article 017** *(AI models);* **Article 003, Article 004** *(AI systems);* **Article 010** *(Annotation);* **Article 015** *(Security)*

Link https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en

Scope 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 and sub-characteristics detailed in the model also provide a set of quality characteristics against which stated quality requirements can be compared for completeness.

	Terms	Variant	Complementary	AI Act	
5	Annotation			**Article 010**	19
35	Quality model				19
4	AI systems			**Article 003, Article 004**	19
3	AI models			**Article 017**	19
1	Accessibility			**Article 017, Article 005**	19
95	Controllability				19
78	Functional adaptability				19
64	Terms related to AI				19
66	Security	Cybersecurity		**Article 015**	19
97	Usability	Interaction capability			19
98	Compatibility				19
243	Transparency				19

OPTIONAL INFORMATION

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Observations

ID **28** **27000** -

Specification *Information security management system - Overview and vocabulary*

Relationship with **Ai Act** **Article 015** *(Measurement and method);* **Article 017, Article 009** *(Risk management);* **Article 009** *(Documented information);* **Article 008** *(Compliance with the requirements);* **Article 009** *(Measurement);* **Article 009** *(Residual risk);* **Article 009** *(Risk evaluation)*

Link https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en

Scope 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.

	Terms	Variant	Complementary	AI Act	
137	Access control				28
138	Attack				28
139	Authentication				28
140	Authenticity				28
10	Auditability				28
105	Competence				28
23	Confidentiality				28
143	Consequence				28
144	Conformity				28
143	Consequence				28
145	Documented information			**Article 009**	28
146	Governance of information security				28
148	Governing body				28
91	Improvement				28
117	Information system				28
79	Organization				28
150	Internal context				28
151	Level of risk				28
152	Management system				28
153	Measurement			**Article 009**	28

OPTIONAL INFORMATION

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Observations

New

STANDARD

Standard Number | AI Act | Mapping | Terminology

The data exposed has research value and not legal value.

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ID 29 **31010** -

Specification Risk assessment techniques

Relationship with **Ai Act** **Article 015, Article 010** *(Data collection processes)*

Link https://www.iso.org/obp/ui/en/#iso:std:iec:31010:ed-2:v1:en,fr

Scope Not available

	Terms	*Variant*	*Complementary*	*AI Act*	
237	Risk assessment techniques				29
79	Organization				29
112	Monitoring				29
29	Data collection processes			**Article 015, Article 010**	29

OPTIONAL INFORMATION

Name and Surname | Affiliation and Qualification | Linkedin ... other

Observations

ID 14 **42001** -

Specification Management system

Relationship with **Ai Act** **Article 015** *(Measurement and method)*; **Article 010, Article 017** *(Cleaning)*; **Article 017** *(Leadership)*; **Article 017** *(Planning)*; **Article 017, Article 009** *(Risk management)*

Link https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en

Scope 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.

	Terms	*Variant*	*Complementary*	*AI Act*	
80	Cleaning			**Article 010, Article 017**	14
87	Planning			**Article 017**	14
88	Support				14
89	Operation				14
90	Evaluation				14
91	Improvement				14
92	Acquisition				14
50	Measurement and method			**Article 015**	14
79	Organization				14
86	Leadership			**Article 017**	14
101	Risk management			**Article 017, Article 009**	14
105	Competence				14
152	Management system				14

OPTIONAL INFORMATION

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Observations