

The data presented have a value for research and not a legal value.

Standard
Sort

AI Act

AI Act sub-articles

Whereas

Annexes

Mapping & Terminology
New

4213

2022 ISO/IEC TS

Scope Abstract

This document specifies methodologies for measuring classification performance of machine learning models, systems and algorithms.

Full text

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 in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity.

Link

<https://www.iso.org/obp/ui/en/#iso:std:iso-iec:ts:4213:ed-1:v1.en>

Assessment of Machine learning classification performance

Terms	WG	Sector	Type	%	Articles of AI Act
Machine learning	WG 3		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance Management <input type="checkbox"/> Product		
Classification	WG 1 WG 2 WG 3		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance Management <input type="checkbox"/> Product		Art. 5, 1(c) - Art. 6 SECTION 1 - Art. 6 51 - Art. 68, 3(a)(i)
Assessment	WG 2		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance Management <input type="checkbox"/> Product		Art. 3, 19) - Art. 3, 20) - Art. 3, 21) - Art. 3, 22) - Art. 3, 23) - Art. 5, 1(d) - Art. 5, 2 - Art. 6, 1(b) - Art. 6, 3(c) - Art. 6, 3(d) - Art. 6, 4 - Art. 10, 2(e) - Art. 11, 1 - Art. 13, 3(c) - Art. 16, (f) - Art. 17, 1(a) - Art. 22, 3(a) - Art. 23, 1(a) - Art. 25, 2 - Art. 26, 9 - Art. 27 - Art. 27, 1 - Art. 27, 3 - Art. 27, 4 - Art. 28, 1 - Art. 28, 2 - Art. 28, 3 - Art. 28, 4 - Art. 28, 5 - Art. 29 - Art. 29, 1 - Art. 29, 2 - Art. 29, 3 - Art. 30, 1 - Art. 30, 2 - Art. 30, 3 - Art. 30, 4 - Art. 30, 5 - Art. 31, 3 - Art. 31, 4 - Art. 31, 5 - Art. 31, 6 - Art. 31, 7 - Art. 31, 9 - Art. 32 - Art. 33, 1 - Art. 33, 4 - Art. 34, 1 - Art. 34, 3 - Art. 36, 3 - Art. 36, 5(b) - Art. 38, 1 - Art. 39 - Art. 39 - SECTION 5 - Art. 43 - Art. 43, 1 - Art. 43, 1(b) - Art. 43, 1(d) - Art. 43, 2 - Art. 43, 3 - Art. 43, 4 - Art. 43, 6 - Art. 44, 2 - Art. 45, 1(a) - Art. 45, 1(b) - Art. 45, 1(c) - Art. 45, 1(d) - Art. 45, 2(b) - Art. 45, 3 - Art. 46 - Art. 46, 1 - Art. 46, 7 - Art. 48, 4 - Art. 53, 4 - Art. 55, 2 - Art. 56, 2(c) - Art. 56, 6 - Art. 56, 6 - Art. 56, 9 - Art. 57, 7 - Art. 58, 2(e) - Art. 62, 2 - Art. 66, (d) - Art. 66, (j) - Art. 70, 6 - Art. 73, 6 - Art. 78, 2 - Art. 112, 1 - Art. 112, 3 - Art. 112, 12 - Art. 112, 13

Global vision of terms

Classification (categorization), Machine learning, Assessment

Global vision of terms in relationship with AI Act

Classification: Art. 5, 1(c) - SECTION 1 - Art. 6 - SECTION 1 - Art. 51 - Art. 68, 3(a)(i) - Art. 68, 3(a)(ii) - Art. 80, 1; Assessment: Art. 3, 19) - Art. 3, 20) - Art. 3, 21) - Art. 3, 22) - Art. 3, 23) - Art. 5, 1(d) - Art. 5, 2 - Art. 6, 1(b) - Art. 6, 3(c) - Art. 6, 3(d) - Art. 6, 4 - Art. 10, 2(e) - Art. 11, 1 - Art. 13, 3(c) - Art. 16, (f) - Art. 17, 1(a) - Art. 22, 3(a) - Art. 23, 1(a) - Art. 25, 2 - Art. 26, 9 - Art. 27 - Art. 27, 1 - Art. 27, 3 - Art. 27, 4 - Art. 28, 1 - Art. 28, 2 - Art. 28, 3 - Art. 28, 4 - Art. 28, 5 - Art. 29 - Art. 29, 1 - Art. 29, 2 - Art. 29, 3 - Art. 30, 1 - Art. 30, 2 - Art. 30, 3 - Art. 30, 4 - Art. 30, 5 - Art. 31, 3 - Art. 31, 4 - Art. 31, 5 - Art. 31, 6 - Art. 31, 7 - Art. 31, 9 - Art. 32 - Art. 33, 1 - Art. 33, 4 - Art. 34, 1 - Art. 34, 3 - Art. 36, 3 - Art. 36, 5(b) - Art. 38, 1 - Art. 39 - Art. 39 - SECTION 5 - Art. 43 - Art. 43, 1 - Art. 43, 1(b) - Art. 43, 1(d) - Art. 43, 2 - Art. 43, 3 - Art. 43, 4 - Art. 43, 6 - Art. 44, 2 - Art. 45, 1(a) - Art. 45, 1(b) - Art. 45, 1(c) - Art. 45, 1(d) - Art. 45, 2(b) - Art. 45, 3 - Art. 46 - Art. 46, 1 - Art. 46, 7 - Art. 48, 4 - Art. 53, 4 - Art. 55, 2 - Art. 56, 2(c) - Art. 56, 6 - Art. 56, 6 - Art. 56, 9 - Art. 57, 7 - Art. 58, 2(e) - Art. 62, 2 - Art. 66, (d) - Art. 66, (j) - Art. 70, 6 - Art. 73, 6 - Art. 78, 2 - Art. 112, 1 - Art. 112, 3 - Art. 112, 12 - Art. 112, 13

OPTIONAL INFORMATION

Name and Surname Affiliation and Qualification

Linkedin ... other

Observations

4213

1

ISO/IEC AWI

Scope Abstract

This document specifies methodologies for measuring the performance of AI models for classification, regression, clustering and recommendation tasks.

Full text

Link

<https://www.iso.org/standard/89455.html>

Performance measurement for AI classification, regression, clustering and recommendation tasks

Terms	WG	Sector	Type	%	Articles of AI Act
Measurement	WG 3		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance Management <input type="checkbox"/> Product		Art. 15, 2 - Art. 53, 5
Classification	WG 1 WG 2 WG 3		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance Management <input type="checkbox"/> Product		Art. 5, 1(c) - Art. 6 SECTION 1 - Art. 6 51 - Art. 68, 3(a)(i)
Regression	WG 3		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance Management <input type="checkbox"/> Product		Measurement: Art. 15, 2 - Art. 53, 5; Classification: Art. 5, 1(c) - SECTION 1 - Art. 6 - SECTION 1 - Art. 51 - Art. 68, 3(a)(i) - Art. 68, 3(a)(ii) - Art. 80, 1
Clustering			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance Management <input type="checkbox"/> Product		

Global vision of terms

Measurement (measuring), Classification (categorization), Regression, Clustering

Global vision of terms in relationship with AI Act

Measurement: Art. 15, 2 - Art. 53, 5; Classification: Art. 5, 1(c) - SECTION 1 - Art. 6 - SECTION 1 - Art. 51 - Art. 68, 3(a)(i) - Art. 68, 3(a)(ii) - Art. 80, 1

OPTIONAL INFORMATION

Name and Surname Affiliation and Qualification

Linkedin ... other

Observations

Specification **5259 - 3** : 2024 ISO/IEC **Scope/Abstract** 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. **Full text** ISO/IEC 5259-3:2024 Artificial intelligence — Data quality for analytics and machine learning (ML) Part 3: Data quality management requirements and guidelines **Link** https://www.iso.org/standard/81092.html

Data quality management requirements and guidelines

Terms	WG	Sector	Type	%	Articles of AI Act
Data quality plan	WG 1		Semantic Governance Management Process Product		
Data quality management	WG 1		Semantic Governance Management Process Product		
Data quality culture	WG 1		Semantic Governance Management Process Product		
Management	WG 1		Semantic Governance Management Process Product		Art. 3, (49)(b) - Art. 8, 1 - Art. 9 - Art. 9, 1 - Art. 9, 2 - Art. 9, 4 - Art. 9, 5 - Art. 9, 6 - Art. 9, 9 - Art. 9, 10 - Art. 10, 2 - Art. 17, 1(a) - Art. 17, 1(b) - Art. 17, 1(c) - Art. 17, 3 - Art. 31, 5 - Art. 43, 1(b) - Art. 49, 4 - Art. 60, 4(c) - Art. 63, 1 - Art. 74, 8
Audit and assessment	WG 2		Semantic Governance Management Process Product		Art. 9, 1(a) - Art. 9, 2(d) - Art. 9, 4 - Art. 9, 5 - Art. 9, 6 - Art. 9, 9 - Art. 9, 10 - Art. 10, 2 - Art. 16, (c) - Art. 17, 1 - Art. 17, 1(a) - Art. 17, 1(b) - Art. 17, 1(c) - Art. 17, 3 - Art. 17, 4 - Art. 18, 1(b) - Art. 31, 2 - Art. 31, 5 - Art. 43, 1(b) - Art. 45, 1(a) - Art. 45, 1(b) - Art. 45, 2(a) - Art. 49, 4 - Art. 56, 2(d) - Art. 60, 4(c) - Art. 63, 1 - Art. 74, 8
Data quality management lifecycle	WG 3		Semantic Governance Management Process Product		
Horizontal aspects	WG 1		Semantic Governance Management Process Product		
Risk management	WG 2		Semantic Governance Management Process Product		Art. 8, 1 - Art. 9, 1 - Art. 9, 2 - Art. 9, 2(d) - Art. 9, 4 - Art. 9, 5 - Art. 9, 6 - Art. 9, 9 - Art. 9, 10 - Art. 10, 2 - Art. 16, (c) - Art. 17, 1 - Art. 17, 1(a) - Art. 17, 1(b) - Art. 17, 1(c) - Art. 17, 3 - Art. 17, 4 - Art. 18, 1(b) - Art. 31, 2 - Art. 31, 5 - Art. 43, 1(b) - Art. 45, 1(a) - Art. 45, 1(b) - Art. 45, 2(a) - Art. 49, 4 - Art. 56, 2(d) - Art. 60, 4(c) - Art. 63, 1 - Art. 74, 8
Data format	WG 3		Semantic Governance Management Process Product		Art. 50, 2
Managing of data quality dependencies	WG 1		Semantic Governance Management Process Product		
Management system integration	WG 1		Semantic Governance Management Process Product		

Global vision of terms
Risk management, Data quality management, Data quality plan, Data quality culture, Management, Data quality management lifecycle, Audit and assessment, Horizontal aspects, Data format, Managing of data quality dependencies, Management system integration

Global vision of terms in relationship with AI Act
Risk management: Art. 8, 1 - Art. 9 - Art. 9, 1 - Art. 9, 2 - Art. 9, 2(d) - Art. 9, 4 - Art. 9, 5 - Art. 9, 6 - Art. 9, 9 - Art. 9, 10 - Art. 10, 2 - Art. 16, (c) - Art. 17, 1 - Art. 17, 1(a) - Art. 17, 1(b) - Art. 17, 1(c) - Art. 17, 3 - Art. 31, 5 - Art. 43, 1(b) - Art. 49, 4 - Art. 60, 4(c) - Art. 63, 1 - Art. 74, 8
Management: Art. 3, (49)(b) - Art. 8, 1 - Art. 9 - Art. 9, 1 - Art. 9, 2 - Art. 9, 2(d) - Art. 9, 4 - Art. 9, 5 - Art. 9, 6 - Art. 9, 9 - Art. 9, 10 - Art. 10, 2 - Art. 16, (c) - Art. 17, 1 - Art. 17, 1(a) - Art. 17, 1(b) - Art. 17, 1(c) - Art. 17, 3 - Art. 17, 4 - Art. 18, 1(b) - Art. 31, 2 - Art. 31, 5 - Art. 43, 1(b) - Art. 45, 1(a) - Art. 45, 1(b) - Art. 45, 2(a) - Art. 49, 4 - Art. 56, 2(d) - Art. 60, 4(c) - Art. 63, 1 - Art. 74, 8
Data format: Art. 50, 2

OPTIONAL INFORMATION
Name and Surname: Domenico Natale Affiliation and Qualification: UNI CT 533 (member) **Linkedin ... other** https://www.linkedin.com/in/domenico-natale-a9b99812/?originalSubdomain=it
Observations:

Specification **5259 - 4** : 2024 ISO/IEC **Scope/Abstract** 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 **Full text** 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 in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. **Link** https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259-4:ed-1:vi:en

Data quality process framework

Terms	WG	Sector	Type	%	Articles of AI Act
Outsourcing	WG 1		Semantic Governance Management Process Product		
Cloud service	WG 3		Semantic Governance Management Process Product		
Segmentation	WG 1		Semantic Governance Management Process Product		
Data quality process principles	WG 1		Semantic Governance Management Process Product		
Data life cycle	WG 3		Semantic Governance Management Process Product		
Data quality process validation	WG 2		Semantic Governance Management Process Product		
Data requirements	WG 3		Semantic Governance Management Process Product		Art. 3, (57) - Art. 26, 3 - Art. 26, 6 - Art. 31, 11 - Art. 42, 1 - Art. 46, 3 - Art. 58, 2(g) - Art. 59, 1(b) - Art. 70, 3 - Art. 72, 2
Data labelling	WG 3		Semantic Governance Management Process Product		Art. 5, 1(g) - Art. 10, 2(c) - Art. 17, 1(f)
Data quality assessment	WG 2		Semantic Governance Management Process Product		
Data decommissioning	WG 3		Semantic Governance Management Process Product		

Global vision of terms
Data life cycle, Outsourcing, Cloud service, Segmentation (use-cases), Data quality process principles, Data quality process validation, Data requirements (Data quality model), Data labelling, Data quality assessment, Data decommissioning

Global vision of terms in relationship with AI Act
Data life cycle: ; Data requirements: Art. 3, (57) - Art. 26, 3 - Art. 26, 6 - Art. 31, 11 - Art. 42, 1 - Art. 46, 3 - Art. 58, 2(g) - Art. 59, 1(b) - Art. 70, 3 - Art. 72, 2; Data labelling: Art. 5, 1(g) - Art. 10, 2(c) - Art. 17, 1(f)

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Name and Surname: Domenico Natale Affiliation and Qualification: UNI CT 533 (member) **Linkedin ... other** https://www.linkedin.com/in/domenico-natale-a9b99812/?originalSubdomain=it
Observations:

The data presented have a value for research and not a legal value.

5259

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5

: 2024

ISO/IEC FDIS

Scope/Abstract

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-related processes with automatic monitoring.

Full text

PREVIEW
Artificial intelligence
— Data quality for analytics and machine learning (ML)

Link

<https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259-5:dis:ed-1:v1:en>

Specification

Data quality governance framework

Terms	WG	Sector	Type	%	Articles of AI Act
Data governance	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		Art. 10 - Art. 10, 2 - Art. 26, 5 - Art. 26, 6
Governance	WG 1		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		Art. 1, 2(f) - Art. 3, (47) - Art. 10 - Art. 10, 2 - Art. 17, 4 - Art. 18, 3 - Art. 19, 2 - Art. 26, 5 - Art. 26, 6
Governance of information security	WG 5		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
Data quality risk management	WG 3	WG 2	<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
Responsibility of governing body	WG 1		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
Establish enabling environment for data quality	WG 1		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
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			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
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			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		

Global vision of terms

Governance, Governance of information security, Data governance, Data quality risk management, Responsibility of governing body, Establish enabling environment for data quality governance

Global vision of terms in relationship with AI Act

Governance: Art. 1, 2(f) - Art. 3, (47) - Art. 10 - Art. 10, 2 - Art. 17, 4 - Art. 18, 3 - Art. 19, 2 - Art. 26, 5 - Art. 26, 6 - Art. 27, 1(f) - Art. 40, 3 - CHAPTER VII - SECTION 1 - Art. 72, 4 - Art. 95, 1 - Art. 112, 2(c) - Art. 112, 12; Data governance: Art. 10 - Art. 10, 2 - Art. 26, 5 - Art. 26, 6

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Observations:

5259

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: 2024

CD TR

Scope/Abstract

Full text

Link

<https://www.iso.org/standard/86532.html>

Specification

Visualization framework for data quality

Terms	WG	Sector	Type	%	Articles of AI Act
Data	WG 3		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		Art. 2, 7 - Art. 3, (29) - Art. 3, (30) - Art. 3, (31) - Art. 3, (32) - Art. 3, (33) - Art. 3, (34) - Art. 3, (35) - Art. 3, (36) - Art. 3, (37) - Art. 3, (38) - Art. 3, (39) - Art. 3, (40) - Art. 3, (41) - Art. 3, (42) - Art. 3, (48) - Art. 3, (50) - Art. 3, (51) - Art. 3, (57) - Art. 3, (63) - Art. 5, 1(c)(i) - Art. 5, 1(g) - Art. 5, 1(h)(iii) - Art. 5, 3 - Art. 5, 4 - Art. 5, 6 - Art. 5, 7 - Art. 7, 2(c) - Art. 9, 2(c) - Art. 10 - Art. 10, 1 - Art. 10, 2 - Art. 10, 2(b) - Art. 10, 2(c) - Art. 10, 2(d) - Art. 10, 2(e) - Art. 10, 2(f) - Art. 10, 2(g) - Art. 10, 2(h) - Art. 10, 3 - Art. 10, 4 - Art. 10, 5 - Art. 10, 5 (g) - Art. 10, 5(b) - Art. 10, 5(c) - Art. 10, 5(d) - Art. 10, 5(e) - Art. 10, 5(f) - Art. 10, 5(g) - Art. 10, 5(h) - Art. 12, 3(b) - Art. 13, 3(b)(vi) - Art. 15, 5 - Art. 17, 1(i) - Art. 17, 1(j) - Art. 19, 1 - Art. 28, 4 - Art. 28, 5 - Art. 28, 6 - Art. 28, 7 - Art. 28, 9 - Art. 28, 10 - Art. 27, 4 - Art. 31, 11 - Art. 42, 1 - Art. 65, 3 - Art. 50, 2 - Art. 30, 3 - Art. 57, 3 - Art. 57, 10 - Art. 59, 2(a) - Art. 59 - Art. 59, 1 - Art. 59, 1(b) - Art. 59, 1(c) - Art. 59, 1(d) - Art. 59, 1(e) - Art. 59, 1(f) - Art. 59, 1(g) - Art. 59, 1(h) - Art. 59, 1(i) - Art. 59, 2 - Art. 59, 3 - Art. 60, 4(e) - Art. 60, 4(f) - Art. 60, 5 - Art. 65, 2 - Art. 65, 4(c) - Art. 66, (h) - Art. 68, 4 - Art. 70, 3 - Art. 70, 9 - Art. 71, 2 - Art. 71, 3 - Art. 71, 5 - Art. 72, 2 - Art. 74, 8 - Art. 74, 9 - Art. 74, 12 - Art. 74, 13(b) - Art. 78, 1 - Art. 78, 2 - Art. 78, 3 - Art. 82, 3 - Art. 100, 1 - Art. 100, 1(d) - Art. 100, 1(f) - Art. 100, 4 - Art. 100, 5 - Art. 100, 7
Data quality	WG 3	WG 4	<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		Art. 10, 1
Visualization	WG 2		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		Art. 10, 1
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
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			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		

Global vision of terms

Data quality, Data, Visualization

Global vision of terms in relationship with AI Act

Data quality: Art. 10, 1; Data: Art. 2, 7 - Art. 3, (29) - Art. 3, (30) - Art. 3, (31) - Art. 3, (32) - Art. 3, (33) - Art. 3, (34) - Art. 3, (35) - Art. 3, (36) - Art. 3, (37) - Art. 3, (38) - Art. 3, (39) - Art. 3, (40) - Art. 3, (41) - Art. 3, (42) - Art. 3, (48) - Art. 3, (50) - Art. 3, (51) - Art. 3, (57) - Art. 3, (63) - Art. 5, 1(c)(i) - Art. 5, 1(g) - Art. 5, 1(h)(iii) - Art. 5, 3 - Art. 5, 4 - Art. 5, 6 - Art. 5, 7 - Art. 7, 2(c) - Art. 9, 2(c) - Art. 10 - Art. 10, 1 - Art. 10, 2 - Art. 10, 2(b) - Art. 10, 2(c) - Art. 10, 2(d) - Art. 10, 2(e) - Art. 10, 2(f) - Art. 10, 2(g) - Art. 10, 2(h) - Art. 10, 3 - Art. 10, 4 - Art. 10, 5 - Art. 10, 5 (g) - Art. 10, 5(b) - Art. 10, 5(c) - Art. 10, 5(d) - Art. 10, 5(e) - Art. 10, 5(f) - Art. 10, 5(g) - Art. 10, 5(h) - Art. 12, 3(b) - Art. 13, 3(b)(vi) - Art. 15, 5 - Art. 17, 1(i) - Art. 17, 1(j) - Art. 19, 1 - Art. 28, 4 - Art. 28, 5 - Art. 28, 6 - Art. 28, 7 - Art. 28, 9 - Art. 28, 10 - Art. 27, 4 - Art. 31, 11 - Art. 42, 1 - Art. 65, 3 - Art. 50, 2 - Art. 30, 3 - Art. 57, 3 - Art. 57, 10 - Art. 59, 2(a) - Art. 59 - Art. 59, 1 - Art. 59, 1(b) - Art. 59, 1(c) - Art. 59, 1(d) - Art. 59, 1(e) - Art. 59, 1(f) - Art. 59, 1(g) - Art. 59, 1(h) - Art. 59, 1(i) - Art. 59, 2 - Art. 59, 3 - Art. 60, 4(e) - Art. 60, 4(f) - Art. 60, 5 - Art. 65, 2 - Art. 65, 4(c) - Art. 66, (h) - Art. 68, 4 - Art. 70, 3 - Art. 70, 9 - Art. 71, 2 - Art. 71, 3 - Art. 71, 5 - Art. 72, 2 - Art. 74, 8 - Art. 74, 9 - Art. 74, 12 - Art. 74, 13(b) - Art. 78, 1 - Art. 78, 2 - Art. 78, 3 - Art. 82, 3 - Art. 100, 1 - Art. 100, 1(d) - Art. 100, 1(f) - Art. 100, 4 - Art. 100, 5 - Art. 100, 7

OPTIONAL INFORMATION

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Observations:

The data presented have a value for research and not a legal value.

Specification 5338 - 2023 ISO/IEC Scope Abstract 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 JTC1 SC42 N 5288 and ISO/IEC JTC1 SC42 N 5289. Full text Foreword ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. Link https://www.iso.org/obp/ui/en/iso/std-iso-iec:5338:ed-1:1/en

Table with columns: Terms, WG, Sector, Type, % Articles of AI Act. Rows include Knowledge acquisition, Lifecycle, System, AI systems, Human resource management process, Quality management process, Lifecycle, Maintenance process.

Global vision of terms AI systems, Lifecycle, System, Knowledge acquisition, Human resource management process, Quality management process, Maintenance process

Global vision of terms in relationship with AI Act

AI systems: Art. 1 - Art. 1.2(a) - Art. 1.2(c) - Art. 1.2(d) - Art. 1.2(e) - Art. 1.2(f) - Art. 1.2(g) - Art. 1.2(h) - Art. 1.2(i) - Art. 1.2(j) - Art. 1.2(k) - Art. 1.2(l) - Art. 1.2(m) - Art. 1.2(n) - Art. 1.2(o) - Art. 1.2(p) - Art. 1.2(q) - Art. 1.2(r) - Art. 1.2(s) - Art. 1.2(t) - Art. 1.2(u) - Art. 1.2(v) - Art. 1.2(w) - Art. 1.2(x) - Art. 1.2(y) - Art. 1.2(z) - Art. 1.2(aa) - Art. 1.2(ab) - Art. 1.2(ac) - Art. 1.2(ad) - Art. 1.2(ae) - Art. 1.2(af) - Art. 1.2(ag) - Art. 1.2(ah) - Art. 1.2(ai) - Art. 1.2(aj) - Art. 1.2(ak) - Art. 1.2(al) - Art. 1.2(am) - Art. 1.2(an) - Art. 1.2(ao) - Art. 1.2(ap) - Art. 1.2(aq) - Art. 1.2(ar) - Art. 1.2(as) - Art. 1.2(at) - Art. 1.2(au) - Art. 1.2(av) - Art. 1.2(aw) - Art. 1.2(ax) - Art. 1.2(ay) - Art. 1.2(az) - Art. 1.2(ba) - Art. 1.2(bb) - Art. 1.2(bc) - Art. 1.2(bd) - Art. 1.2(be) - Art. 1.2(bf) - Art. 1.2(bg) - Art. 1.2(bh) - Art. 1.2(bi) - Art. 1.2(bj) - Art. 1.2(bk) - Art. 1.2(bl) - Art. 1.2(bm) - Art. 1.2(bn) - Art. 1.2(bo) - Art. 1.2(bp) - Art. 1.2(bq) - Art. 1.2(br) - Art. 1.2(bs) - Art. 1.2(bt) - Art. 1.2(bu) - Art. 1.2(bv) - Art. 1.2(bw) - Art. 1.2(bx) - Art. 1.2(by) - Art. 1.2(bz) - Art. 1.2(ca) - Art. 1.2(cb) - Art. 1.2(cc) - Art. 1.2(cd) - Art. 1.2(ce) - Art. 1.2(cf) - Art. 1.2(cf) - Art. 1.2(ch) - Art. 1.2(ci) - Art. 1.2(cj) - Art. 1.2(ck) - Art. 1.2(cl) - Art. 1.2(cm) - Art. 1.2(cn) - Art. 1.2(co) - Art. 1.2(cp) - Art. 1.2(cq) - Art. 1.2(cr) - Art. 1.2(cs) - Art. 1.2(ct) - Art. 1.2(cu) - Art. 1.2(cv) - Art. 1.2(cw) - Art. 1.2(cx) - Art. 1.2(cy) - Art. 1.2(cz) - Art. 1.2(da) - Art. 1.2(db) - Art. 1.2(dc) - Art. 1.2(dd) - Art. 1.2(de) - Art. 1.2(df) - Art. 1.2(df) - Art. 1.2(fh) - Art. 1.2(fi) - Art. 1.2(fj) - Art. 1.2(fk) - Art. 1.2(fl) - Art. 1.2(fm) - Art. 1.2(fn) - Art. 1.2(fo) - Art. 1.2(fp) - Art. 1.2(fq) - Art. 1.2(fr) - Art. 1.2(fs) - Art. 1.2(ft) - Art. 1.2(fu) - Art. 1.2(fv) - Art. 1.2(fw) - Art. 1.2(fx) - Art. 1.2(fy) - Art. 1.2(fz) - Art. 1.2(ga) - Art. 1.2(gb) - Art. 1.2(gc) - Art. 1.2(gd) - Art. 1.2(ge) - Art. 1.2(ge) - Art. 1.2(gh) - Art. 1.2(gi) - Art. 1.2(gj) - Art. 1.2(gk) - Art. 1.2(gl) - Art. 1.2(gm) - Art. 1.2(gn) - Art. 1.2(go) - Art. 1.2(gp) - Art. 1.2(gq) - Art. 1.2(gr) - Art. 1.2(gs) - Art. 1.2(gt) - Art. 1.2(gu) - Art. 1.2(gv) - Art. 1.2(gw) - Art. 1.2(gx) - Art. 1.2(gy) - Art. 1.2(gz) - Art. 1.2(ha) - Art. 1.2(hb) - Art. 1.2(hc) - Art. 1.2(hd) - Art. 1.2(he) - Art. 1.2(he) - Art. 1.2(hh) - Art. 1.2(hi) - Art. 1.2(hj) - Art. 1.2(hk) - Art. 1.2(hl) - Art. 1.2(hm) - Art. 1.2(hn) - Art. 1.2(ho) - Art. 1.2(hp) - Art. 1.2(hq) - Art. 1.2(hr) - Art. 1.2(hs) - Art. 1.2(ht) - Art. 1.2(hu) - Art. 1.2(hv) - Art. 1.2(hw) - Art. 1.2(hx) - Art. 1.2(hy) - Art. 1.2(hz) - Art. 1.2(ia) - Art. 1.2(ib) - Art. 1.2(ic) - Art. 1.2(id) - Art. 1.2(ie) - Art. 1.2(ie) - Art. 1.2(ih) - Art. 1.2(ii) - Art. 1.2(ij) - Art. 1.2(ik) - Art. 1.2(il) - Art. 1.2(im) - Art. 1.2(in) - Art. 1.2(io) - Art. 1.2(ip) - Art. 1.2(iq) - Art. 1.2(ir) - Art. 1.2(is) - Art. 1.2(it) - Art. 1.2(iu) - Art. 1.2(iv) - Art. 1.2(iw) - Art. 1.2(ix) - Art. 1.2(iy) - Art. 1.2(iz) - Art. 1.2(ja) - Art. 1.2(jb) - Art. 1.2(jc) - Art. 1.2(jd) - Art. 1.2(je) - Art. 1.2(je) - Art. 1.2(jh) - Art. 1.2(ji) - Art. 1.2(jj) - Art. 1.2(jk) - Art. 1.2(jl) - Art. 1.2(jm) - Art. 1.2(jn) - Art. 1.2(jo) - Art. 1.2(jp) - Art. 1.2(jq) - Art. 1.2(jr) - Art. 1.2(js) - Art. 1.2(jt) - Art. 1.2(ju) - Art. 1.2(jv) - Art. 1.2(jw) - Art. 1.2(jx) - Art. 1.2(jy) - Art. 1.2(jz) - Art. 1.2(ka) - Art. 1.2(kb) - Art. 1.2(kc) - Art. 1.2(kd) - Art. 1.2(ke) - Art. 1.2(ke) - Art. 1.2(kh) - Art. 1.2(ki) - Art. 1.2(kj) - Art. 1.2(kk) - Art. 1.2(kl) - Art. 1.2(km) - Art. 1.2(kn) - Art. 1.2(ko) - Art. 1.2(kp) - Art. 1.2(kq) - Art. 1.2(kr) - Art. 1.2(ks) - Art. 1.2(kt) - Art. 1.2(ku) - Art. 1.2(kv) - Art. 1.2(kw) - Art. 1.2(kx) - Art. 1.2(ky) - Art. 1.2(kz) - Art. 1.2(la) - Art. 1.2(lb) - Art. 1.2(lc) - Art. 1.2(ld) - Art. 1.2(le) - Art. 1.2(le) - Art. 1.2(lh) - Art. 1.2(li) - Art. 1.2(lj) - Art. 1.2(lk) - Art. 1.2(lm) - Art. 1.2(ln) - Art. 1.2(lo) - Art. 1.2(lp) - Art. 1.2(lq) - Art. 1.2(lr) - Art. 1.2(ls) - Art. 1.2(lt) - Art. 1.2(lu) - Art. 1.2(lv) - Art. 1.2(lw) - Art. 1.2(lx) - Art. 1.2(ly) - Art. 1.2(lz) - Art. 1.2(ma) - Art. 1.2(mb) - Art. 1.2(mc) - Art. 1.2(md) - Art. 1.2(me) - Art. 1.2(me) - Art. 1.2(mh) - Art. 1.2(mi) - Art. 1.2(mj) - Art. 1.2(mk) - Art. 1.2(ml) - Art. 1.2(mn) - Art. 1.2(mo) - Art. 1.2(mp) - Art. 1.2(mq) - Art. 1.2(mr) - Art. 1.2(ms) - Art. 1.2(mt) - Art. 1.2(mu) - Art. 1.2(mv) - Art. 1.2(mw) - Art. 1.2(mx) - Art. 1.2(my) - Art. 1.2(mz) - Art. 1.2(na) - Art. 1.2(nb) - Art. 1.2(nc) - Art. 1.2(nd) - Art. 1.2(ne) - Art. 1.2(ne) - Art. 1.2(nh) - Art. 1.2(ni) - Art. 1.2(nj) - Art. 1.2(nk) - Art. 1.2(nl) - Art. 1.2(nm) - Art. 1.2(nn) - Art. 1.2(no) - Art. 1.2(np) - Art. 1.2(nq) - Art. 1.2(nr) - Art. 1.2(ns) - Art. 1.2(nt) - Art. 1.2(nu) - Art. 1.2(nv) - Art. 1.2(nw) - Art. 1.2(nx) - Art. 1.2(ny) - Art. 1.2(nz) - Art. 1.2(oa) - Art. 1.2(ob) - Art. 1.2(oc) - Art. 1.2(od) - Art. 1.2(oe) - Art. 1.2(oe) - Art. 1.2(oh) - Art. 1.2(oi) - Art. 1.2(oj) - Art. 1.2(ok) - Art. 1.2(ol) - Art. 1.2(om) - Art. 1.2(on) - Art. 1.2(oo) - Art. 1.2(op) - Art. 1.2(oq) - Art. 1.2(or) - Art. 1.2(os) - Art. 1.2(ot) - Art. 1.2(ou) - Art. 1.2(ov) - Art. 1.2(ow) - Art. 1.2(ox) - Art. 1.2(oy) - Art. 1.2(oz) - Art. 1.2(pa) - Art. 1.2(pb) - Art. 1.2(pc) - Art. 1.2(pd) - Art. 1.2(pe) - Art. 1.2(pe) - Art. 1.2(ph) - Art. 1.2(pi) - Art. 1.2(pj) - Art. 1.2(pk) - Art. 1.2(pl) - Art. 1.2(pm) - Art. 1.2(pn) - Art. 1.2(po) - Art. 1.2(pp) - Art. 1.2(pq) - Art. 1.2(pr) - Art. 1.2(ps) - Art. 1.2(pt) - Art. 1.2(pu) - Art. 1.2(pv) - Art. 1.2(pw) - Art. 1.2(px) - Art. 1.2(py) - Art. 1.2(pz) - Art. 1.2(qa) - Art. 1.2(qb) - Art. 1.2(qc) - Art. 1.2(qd) - Art. 1.2(qe) - Art. 1.2(qe) - Art. 1.2(qh) - Art. 1.2(qi) - Art. 1.2(qj) - Art. 1.2(qk) - Art. 1.2(ql) - Art. 1.2(qm) - Art. 1.2(qn) - Art. 1.2(qo) - Art. 1.2(qp) - Art. 1.2(qq) - Art. 1.2(qr) - Art. 1.2(qs) - Art. 1.2(qt) - Art. 1.2(qu) - Art. 1.2(qv) - Art. 1.2(qw) - Art. 1.2(qx) - Art. 1.2(qy) - Art. 1.2(qz) - Art. 1.2(ra) - Art. 1.2(rb) - Art. 1.2(rc) - Art. 1.2(rd) - Art. 1.2(re) - Art. 1.2(re) - Art. 1.2(rh) - Art. 1.2(ri) - Art. 1.2(rj) - Art. 1.2(rk) - Art. 1.2(rl) - Art. 1.2(rm) - Art. 1.2(rn) - Art. 1.2(ro) - Art. 1.2(rp) - Art. 1.2(rq) - Art. 1.2(rr) - Art. 1.2(rs) - Art. 1.2(rt) - Art. 1.2(ru) - Art. 1.2(rv) - Art. 1.2(rw) - Art. 1.2(rx) - Art. 1.2(ry) - Art. 1.2(rz) - Art. 1.2(sa) - Art. 1.2(sb) - Art. 1.2(sc) - Art. 1.2(sd) - Art. 1.2(se) - Art. 1.2(se) - Art. 1.2(sh) - Art. 1.2(si) - Art. 1.2(sj) - Art. 1.2(sk) - Art. 1.2(sl) - Art. 1.2(sm) - Art. 1.2(sn) - Art. 1.2(so) - Art. 1.2(sp) - Art. 1.2(sq) - Art. 1.2(sr) - Art. 1.2(ss) - Art. 1.2(st) - Art. 1.2(su) - Art. 1.2(sv) - Art. 1.2(sw) - Art. 1.2(sx) - Art. 1.2(sy) - Art. 1.2(sz) - Art. 1.2(ta) - Art. 1.2(tb) - Art. 1.2(tc) - Art. 1.2(td) - Art. 1.2(te) - Art. 1.2(te) - Art. 1.2(th) - Art. 1.2(ti) - Art. 1.2(tj) - Art. 1.2(tk) - Art. 1.2(tl) - Art. 1.2(tm) - Art. 1.2(tn) - Art. 1.2(to) - Art. 1.2(tp) - Art. 1.2(tq) - Art. 1.2(tr) - Art. 1.2(ts) - Art. 1.2(tu) - Art. 1.2(tv) - Art. 1.2(tw) - Art. 1.2(tx) - Art. 1.2(ty) - Art. 1.2(tz) - Art. 1.2(ua) - Art. 1.2(ub) - Art. 1.2(uc) - Art. 1.2(ud) - Art. 1.2(ue) - Art. 1.2(ue) - Art. 1.2(uh) - Art. 1.2(ui) - Art. 1.2(uj) - Art. 1.2(uk) - Art. 1.2(ul) - Art. 1.2(um) - Art. 1.2(un) - Art. 1.2(uo) - Art. 1.2(up) - Art. 1.2(uq) - Art. 1.2(ur) - Art. 1.2(us) - Art. 1.2(ut) - Art. 1.2(uu) - Art. 1.2(uv) - Art. 1.2(uw) - Art. 1.2(ux) - Art. 1.2(uy) - Art. 1.2(uz) - Art. 1.2(va) - Art. 1.2(vb) - Art. 1.2(vc) - Art. 1.2(vd) - Art. 1.2(ve) - Art. 1.2(ve) - Art. 1.2(vh) - Art. 1.2(vi) - Art. 1.2(vj) - Art. 1.2(vk) - Art. 1.2(vl) - Art. 1.2(vm) - Art. 1.2(vn) - Art. 1.2(vo) - Art. 1.2(vp) - Art. 1.2(vq) - Art. 1.2(vr) - Art. 1.2(vs) - Art. 1.2(vt) - Art. 1.2(vu) - Art. 1.2(vv) - Art. 1.2(vw) - Art. 1.2(vx) - Art. 1.2(vy) - Art. 1.2(vz) - Art. 1.2(wa) - Art. 1.2(wb) - Art. 1.2(wc) - Art. 1.2(wd) - Art. 1.2(we) - Art. 1.2(we) - Art. 1.2(wh) - Art. 1.2(wi) - Art. 1.2(wj) - Art. 1.2(wk) - Art. 1.2(wl) - Art. 1.2(wm) - Art. 1.2(wn) - Art. 1.2(wo) - Art. 1.2(wp) - Art. 1.2(wq) - Art. 1.2(wr) - Art. 1.2(ws) - Art. 1.2(wt) - Art. 1.2(wu) - Art. 1.2(wv) - Art. 1.2(wx) - Art. 1.2(wy) - Art. 1.2(wz) - Art. 1.2(xa) - Art. 1.2(xb) - Art. 1.2(xc) - Art. 1.2(xd) - Art. 1.2(xe) - Art. 1.2(xe) - Art. 1.2(xh) - Art. 1.2(xi) - Art. 1.2(xj) - Art. 1.2(xk) - Art. 1.2(xl) - Art. 1.2(xm) - Art. 1.2(xn) - Art. 1.2(xo) - Art. 1.2(xp) - Art. 1.2(xq) - Art. 1.2(xr) - Art. 1.2(xs) - Art. 1.2(xt) - Art. 1.2(xu) - Art. 1.2(xv) - Art. 1.2(xw) - Art. 1.2(xy) - Art. 1.2(xz) - Art. 1.2(ya) - Art. 1.2(yb) - Art. 1.2(yc) - Art. 1.2(yd) - Art. 1.2(ye) - Art. 1.2(ye) - Art. 1.2(yh) - Art. 1.2(yi) - Art. 1.2(yj) - Art. 1.2(yk) - Art. 1.2(yl) - Art. 1.2(ym) - Art. 1.2(yn) - Art. 1.2(yo) - Art. 1.2(yp) - Art. 1.2(yq) - Art. 1.2(yr) - Art. 1.2(ys) - Art. 1.2(yt) - Art. 1.2(yu) - Art. 1.2(yv) - Art. 1.2(yw) - Art. 1.2(yx) - Art. 1.2(yz) - Art. 1.2(za) - Art. 1.2(zb) - Art. 1.2(zc) - Art. 1.2(zd) - Art. 1.2(ze) - Art. 1.2(ze) - Art. 1.2(zh) - Art. 1.2(zi) - Art. 1.2(zj) - Art. 1.2(zk) - Art. 1.2(zl) - Art. 1.2(zm) - Art. 1.2(zn) - Art. 1.2(zo) - Art. 1.2(zp) - Art. 1.2(zq) - Art. 1.2(zr) - Art. 1.2(zs) - Art. 1.2(zt) - Art. 1.2(zu) - Art. 1.2(zv) - Art. 1.2(zw) - Art. 1.2(zx) - Art. 1.2(zy) - Art. 1.2(zz)

OPTIONAL INFORMATION Name and Surname: Domenico Natale Affiliation and Qualification: UNI CT 533 (member) LinkedIn: https://www.linkedin.com/in/domenico-natale-a9b99812/?originalSubdomain=it

Specification 5339 - 2024 ISO/IEC Scope Abstract 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. Full text Foreword ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. Link https://www.iso.org/obp/ui/en/iso/std-iso-iec:5339:ed-1:1/en

Table with columns: Terms, WG, Sector, Type, % Articles of AI Act. Rows include Processes, Stakeholder, Lifecycle, Cloud service, Accountability.

Global vision of terms Lifecycle, Stakeholder, Cloud service, Processes, Accountability

Global vision of terms in relationship with AI Act

Lifecycle: Art. 9.2 - Art. 15.1 - Art. 40.2; Stakeholder: Art. 40.3; Processes: Art. 8.2 - Art. 9.10 - Art. 10.2(b) - Art. 17.4 - Art. 18.3 - Art. 19.2 - Art. 25.4 - Art. 26.5 - Art. 26.6 - Art. 27.1(a) - Art. 40.2 - Art. 58.2(g) - Art. 72.4; Accountability: Art. 17.1(m) - Art. 66. (a) (v)

OPTIONAL INFORMATION Name and Surname: Affiliation and Qualification: LinkedIn: other

5469

: 2024 ISO/IEC TR

Scope/Abstract

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 generate safety for

Full text

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 in the development of international Standards through technical committees established by the respective organization to deal with particular fields of technical activity.

Link

<https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:5469:ed-1:1/en>

Specification TR Functional safety and AI systems

Terms	WG	Sector Type	%	Articles of AI Act
<input type="checkbox"/> Safety	NA	<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 1, 1 - Art. 2, 9 - Art. 3, 1(4) - Art. 3, 1(5) - Art. 5, 1(b)(i) - Art. 6, 1(a) - Art. 6, 1(b)
<input type="checkbox"/> Risk factors	WG 2	<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		
<input type="checkbox"/> Explainability	WG 3	<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		
<input type="checkbox"/> Transparency	WG 3	<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 1, 2(d) - Art. 13 CHAPTER IV - Art. 50 - Art. 50, 4 - Art. 50, 6 - Art. 56, 1(d)

Global vision of terms

Safety, Risk factors, Transparency, Explainability

Global vision of terms in relationship with AI Act

Safety: Art. 1, 1 - Art. 2, 9 - Art. 3, 1(4) - Art. 3, 1(5) - Art. 5, 1(b)(i) - Art. 6, 1(a) - Art. 6, 1(b) - Art. 6, 3 - Art. 6, 6 - Art. 6, 7 - Art. 6, 8 - Art. 7, 1(b) - Art. 7, 2(e) - Art. 7, 2(i) - Art. 7, 2(j) - Art. 7, 3(a) - Art. 7, 3(b) - Art. 9, 2(a) - Art. 10, 2(f) - Art. 13, 3(b)(ii) - Art. 14, 2 - Art. 25, 3 - Art. 36, 7(e) - Art. 36, 8(a) - Art. 36, 8(a) - Art. 43, 6 - Art. 46, 2 - Art. 57, 6 - Art. 57, 11 - Art. 58, 4 - Art. 59, 1(a)(i) - Art. 59, 1(a)(ii) - Art. 66, (h) - Art. 70, 3 - Art. 73, 10 - Art. 79, 1 - Art. 82, 1 - Art. 86, 1 - Art. 103 - Art. 104 - Art. 105 - Art. 106 - Art. 107 - Art. 108(1) - Art. 108(2) - Art. 108(3) - Art. 108(4) - Art. 108(5) - Art. 108(6) - Art. 109 - Art. 112, 10 - **Transparency:** Art. 1, 2(g) - Art. 13 - Art. 13, 1 - **CHAPTER IV:** Art. 50 - Art. 50, 4 - Art. 50, 6 - Art. 56, 1(d) - Art. 99, 4(g) - Art. 112, 2(b) - Art. 112, 11(c)

OPTIONAL INFORMATION
Name and Surname: Affiliation and Qualification: LinkedIn ... other

6254

: ISO/IEC CD TS

Scope/Abstract

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

Full text

ISO/IEC CD TS 6254
Information technology — Artificial intelligence — Objectives and approaches for explainability and interpretability of ML models and AI systems
Under development

Link

<https://www.iso.org/standard/82148.html>

Specification Objective and approaches for explainability and interpretability of ML models and AI systems

Terms	WG	Sector Type	%	Articles of AI Act
<input type="checkbox"/> Explainability	WG 3	<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		
<input type="checkbox"/> Interpretability	WG 3	<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		
<input type="checkbox"/> Stakeholder	WG 1	<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 40, 3
<input type="checkbox"/> AI systems	WG 3	<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 1, 1 - Art. 1, 2(a) - Art. 1, 2(c) - Art. 1, 2(d) - Art. 2, 1(b) - Art. 2, 1(b) - Art. 2, 1(c) - Art. 2, 1(d) - Art. 2, 1(e) - Art. 2, 1(f) - Art. 2, 1(g) - Art. 2, 1(h) - Art. 2, 1(i) - Art. 2, 1(j) - Art. 2, 1(k) - Art. 2, 1(l) - Art. 2, 2 - Art. 2, 3 - Art. 2, 4 - Art. 2, 5 - Art. 2, 6 - Art. 2, 7 - Art. 2, 8 - Art. 2, 10 - Art. 2, 11 - Art. 2, 12 - Art. 2, 12 - Art. 3, 1(3) - Art. 3, 2(5) - Art. 3, 4(7) - Art. 3, 4(8) - Art. 3, 4(9) - Art. 3, 4(10) - Art. 3, 4(11) - Art. 3, 4(12) - Art. 3, 4(13) - Art. 3, 4(14) - Art. 3, 4(15) - Art. 3, 4(16) - Art. 3, 4(17) - Art. 3, 4(18) - Art. 3, 4(19) - Art. 3, 4(20) - Art. 3, 4(21) - Art. 3, 4(22) - Art. 3, 4(23) - Art. 3, 4(24) - Art. 3, 4(25) - Art. 3, 4(26) - Art. 3, 4(27) - Art. 3, 4(28) - Art. 3, 4(29) - Art. 3, 4(30) - Art. 3, 4(31) - Art. 3, 4(32) - Art. 3, 4(33) - Art. 3, 4(34) - Art. 3, 4(35) - Art. 3, 4(36) - Art. 3, 4(37) - Art. 3, 4(38) - Art. 3, 4(39) - Art. 3, 4(40) - Art. 3, 4(41) - Art. 3, 4(42) - Art. 3, 4(43) - Art. 3, 4(44) - Art. 3, 4(45) - Art. 3, 4(46) - Art. 3, 4(47) - Art. 3, 4(48) - Art. 3, 4(49) - Art. 3, 4(50) - Art. 3, 4(51) - Art. 3, 4(52) - Art. 3, 4(53) - Art. 3, 4(54) - Art. 3, 4(55) - Art. 3, 4(56) - Art. 3, 4(57) - Art. 3, 4(58) - Art. 3, 4(59) - Art. 3, 4(60) - Art. 3, 4(61) - Art. 3, 4(62) - Art. 3, 4(63) - Art. 3, 4(64) - Art. 3, 4(65) - Art. 3, 4(66) - Art. 3, 4(67) - Art. 3, 4(68) - Art. 3, 4(69) - Art. 3, 4(70) - Art. 3, 4(71) - Art. 3, 4(72) - Art. 3, 4(73) - Art. 3, 4(74) - Art. 3, 4(75) - Art. 3, 4(76) - Art. 3, 4(77) - Art. 3, 4(78) - Art. 3, 4(79) - Art. 3, 4(80) - Art. 3, 4(81) - Art. 3, 4(82) - Art. 3, 4(83) - Art. 3, 4(84) - Art. 3, 4(85) - Art. 3, 4(86) - Art. 3, 4(87) - Art. 3, 4(88) - Art. 3, 4(89) - Art. 3, 4(90) - Art. 3, 4(91) - Art. 3, 4(92) - Art. 3, 4(93) - Art. 3, 4(94) - Art. 3, 4(95) - Art. 3, 4(96) - Art. 3, 4(97) - Art. 3, 4(98) - Art. 3, 4(99) - Art. 3, 4(100)

Global vision of terms

AI systems, Stakeholder, Explainability, Interpretability

Global vision of terms in relationship with AI Act

AI systems: Art. 1, 1 - Art. 1, 2(a) - Art. 1, 2(c) - Art. 1, 2(d) - Art. 1, 2(e) - Art. 1, 2(f) - Art. 1, 2(g) - Art. 1, 2(h) - Art. 1, 2(i) - Art. 1, 2(j) - Art. 1, 2(k) - Art. 1, 2(l) - Art. 1, 2(m) - Art. 1, 2(n) - Art. 1, 2(o) - Art. 1, 2(p) - Art. 1, 2(q) - Art. 1, 2(r) - Art. 1, 2(s) - Art. 1, 2(t) - Art. 1, 2(u) - Art. 1, 2(v) - Art. 1, 2(w) - Art. 1, 2(x) - Art. 1, 2(y) - Art. 1, 2(z) - Art. 2, 2 - Art. 2, 3 - Art. 2, 4 - Art. 2, 5 - Art. 2, 6 - Art. 2, 7 - Art. 2, 8 - Art. 2, 10 - Art. 2, 11 - Art. 2, 12 - Art. 2, 12 - Art. 3, 1(3) - Art. 3, 2(5) - Art. 3, 4(7) - Art. 3, 4(8) - Art. 3, 4(9) - Art. 3, 4(10) - Art. 3, 4(11) - Art. 3, 4(12) - Art. 3, 4(13) - Art. 3, 4(14) - Art. 3, 4(15) - Art. 3, 4(16) - Art. 3, 4(17) - Art. 3, 4(18) - Art. 3, 4(19) - Art. 3, 4(20) - Art. 3, 4(21) - Art. 3, 4(22) - Art. 3, 4(23) - Art. 3, 4(24) - Art. 3, 4(25) - Art. 3, 4(26) - Art. 3, 4(27) - Art. 3, 4(28) - Art. 3, 4(29) - Art. 3, 4(30) - Art. 3, 4(31) - Art. 3, 4(32) - Art. 3, 4(33) - Art. 3, 4(34) - Art. 3, 4(35) - Art. 3, 4(36) - Art. 3, 4(37) - Art. 3, 4(38) - Art. 3, 4(39) - Art. 3, 4(40) - Art. 3, 4(41) - Art. 3, 4(42) - Art. 3, 4(43) - Art. 3, 4(44) - Art. 3, 4(45) - Art. 3, 4(46) - Art. 3, 4(47) - Art. 3, 4(48) - Art. 3, 4(49) - Art. 3, 4(50) - Art. 3, 4(51) - Art. 3, 4(52) - Art. 3, 4(53) - Art. 3, 4(54) - Art. 3, 4(55) - Art. 3, 4(56) - Art. 3, 4(57) - Art. 3, 4(58) - Art. 3, 4(59) - Art. 3, 4(60) - Art. 3, 4(61) - Art. 3, 4(62) - Art. 3, 4(63) - Art. 3, 4(64) - Art. 3, 4(65) - Art. 3, 4(66) - Art. 3, 4(67) - Art. 3, 4(68) - Art. 3, 4(69) - Art. 3, 4(70) - Art. 3, 4(71) - Art. 3, 4(72) - Art. 3, 4(73) - Art. 3, 4(74) - Art. 3, 4(75) - Art. 3, 4(76) - Art. 3, 4(77) - Art. 3, 4(78) - Art. 3, 4(79) - Art. 3, 4(80) - Art. 3, 4(81) - Art. 3, 4(82) - Art. 3, 4(83) - Art. 3, 4(84) - Art. 3, 4(85) - Art. 3, 4(86) - Art. 3, 4(87) - Art. 3, 4(88) - Art. 3, 4(89) - Art. 3, 4(90) - Art. 3, 4(91) - Art. 3, 4(92) - Art. 3, 4(93) - Art. 3, 4(94) - Art. 3, 4(95) - Art. 3, 4(96) - Art. 3, 4(97) - Art. 3, 4(98) - Art. 3, 4(99) - Art. 3, 4(100) - **Stakeholder:** Art. 40, 3

OPTIONAL INFORMATION
Name and Surname: Affiliation and Qualification: LinkedIn ... other

The data presented have a value for research and not a legal value.

8000 - 1

: 2022 ISO Scope/Abstract

This document provides an overview of the ISO 8000 series

Full text

Foreword 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 committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International

Link

https://www.iso.org/obp/ui/en/#iso:std:iso:8000:-1:ed-1:v1:1:en

Specification Part 1: Overview

Table with columns: Terms, WG, Sector, Type, % Articles of AI Act. Rows include Data quality, Data quality management, Data format, Data governance, Processes, Master data, Stakeholder, Industrial data, Organization.

Global vision of terms

Organization, Stakeholder, Data quality, Data quality management, Data governance, Data format, Processes, Master data, Industrial data

Global vision of terms in relationship with AI Act

Stakeholder: Art. 40, 3. Data quality: Art. 10, 1. Data governance: Art. 10 - Art. 10, 2 - Art. 26, 5 - Art. 26, 6. Data format: Art. 50, 2. Processes: Art. 8, 2 - Art. 9, 10 - Art. 10, 2(b) - Art. 17, 4 - Art. 18, 3 - Art. 19, 2 - Art. 25, 4 - Art. 26, 5 - Art. 26, 6 - Art. 27, 1(a) - Art. 40, 2 - Art. 58, 2(g) - Art. 72, 4

OPTIONAL INFORMATION

Name and Surname: Domenico Natale Affiliation and Qualification: UNI CT 504

Linkedin ... other

Observations

8183 -

: 2023 ISO/IEC Scope/Abstract

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

Full text

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 in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity.

Link

https://www.iso.org/obp/ui/en/#iso:std:iso-iec:8183:ed-1:v1:en

Specification Data life cycle framework

Table with columns: Terms, WG, Sector, Type, % Articles of AI Act. Rows include Data processed are secured, protected, Preparation, Data life cycle, Decommissioning, Support, Business requirements, Verification and validation, Governance.

Global vision of terms

Data life cycle, Data processed are secured, protected, subject to suitable safeguards, including strict controls, Support, Preparation, Decommissioning, Business requirements, Verification and validation, Governance

Global vision of terms in relationship with AI Act

Data life cycle: ; Data processed are secured, protected, subject to suitable safeguards, including strict controls: Art. 10, 5(c). Support: Art. 1, 2(g) - Art. 5, 1(d) - Art. 26, 2 - Art. 29, 4 - Art. 36, 8(b) - Art. 56, 3 - CHAPTER VI - Art. 57, 1 - Art. 57, 6 - Art. 57, 15 - Art. 58, 2(c) - Art. 66, (a) - Art. 66, (f) - Art. 68, 1 - Art. 68, 3 - Art. 69, 1 - Art. 69, 2 - Art. 69, 3 - Art. 71, 6 - Art. 74, 11 - Art. 84 - Art. 84, 1 - Art. 84, 2 - Art. 112, 4(c). Preparation: Art. 10, 2(c) - Art. 66, (e)(i), Art. 25, 4. Verification and validation: ; Governance: Art. 1, 2(i) - Art. 3, 3 (47) - Art. 10 - Art. 10, 2 - Art. 17, 4 - Art. 18, 3 - Art. 19, 2 - Art. 26, 5 - Art. 26, 6

OPTIONAL INFORMATION

Name and Surname: Domenico Natale Affiliation and Qualification: UNI CT 533 (member)

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Observations

The data presented have a value for research and not a legal value.

22989

2022 ISO/IEC

Scope/Abstract
 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, heterogeneous markets or establishments.

Full text
 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 in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity.

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

Specification Artificial intelligence concepts and terminology

Terms	WG	Sector	Type	% Articles of AI Act
Artificial intelligence	WG 1		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	Art. 1, 1 - Art. 6, 5 - Art. 65 - Art. 92, 1 - Art. 102 - Art. 103 - Art. 104 - Art. 105 - Art. 106 - Art. 107
Terms related to AI	WG 3 WG 1 WG 4 WG 2		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	
Terms related to computer vision	WG 3		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	
Terms related to data	WG 3		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	
Terms related to machine learning	WG 3		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	
Terms related to natural language processing	WG 3		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	
Terms related to neural networks	WG 3		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	
Terms related to trustworthiness	WG 4		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	
Data quality reporting	WG 3		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	
Cybersecurity	WG 5		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	Art. 13, 3(b)(v) - Art. 15, 5 - Art. 15, 1 - Art. 15, 2 - Art. 42, 2 - Art. 55, 1 - Art. 58, 2(a)
Knowledge	WG 3		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	Art. 3, (5b) - Art. 4 - Art. 7, 2(b) - Art. 9, 5 - Art. 9, 5 - Art. 31, 1 - Art. 38, 3 - Art. 70, 3
Validation	WG 2		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	Art. 3, (3d) - Art. 3, (3f) - Art. 10, 1 - Art. 10, 2 - Art. 10, 3 - Art. 13, 3(b)(vi) - Art. 17, 1(b)(i) - Art. 17, 1(b)(ii)

Global vision of terms
 Data quality reporting, Terms related to AI, Validation, Artificial intelligence, Terms related to data, Terms related to machine learning, Terms related to neural networks, Terms related to trustworthiness, Terms related to natural language processing, Terms related to computer vision, Cybersecurity, Knowledge

Global vision of terms in relationship with AI Act
 Data quality reporting: Validation: Art. 3, (3d) - Art. 3, (3f) - Art. 10, 1 - Art. 10, 2 - Art. 10, 3 - Art. 13, 3(b)(vi) - Art. 17, 1(b)(i) - Art. 17, 1(b)(ii) - Art. 57, 5 - Art. 59, 1(i) - Art. 74, 12. Artificial intelligence: Art. 1, 1 - Art. 6, 5 - Art. 65, 1 - Art. 102 - Art. 103 - Art. 104 - Art. 105 - Art. 106 - Art. 107 - Art. 108(1) - Art. 108(7) - Art. 108(2) - Art. 108(3) - Art. 108(4) - Art. 108(5) - Art. 108(6) - Art. 109 - Art. 110. Cybersecurity: Art. 13, 3(b)(i) - Art. 15, 1 - Art. 15, 5 - Art. 31, 2 - Art. 42, 2 - Art. 55, 1(d) - Art. 58, 2(a) - Art. 66, (h) - Art. 70, 3 - Art. 70, 4 - Art. 78, 2. Knowledge: Art. 3, (5b) - Art. 4 - Art. 7, 2(h) - Art. 9, 5(c) - Art. 31, 11 - Art. 38, 3 - Art. 70, 3

OPTIONAL INFORMATION

Name and Surname: Domenico Natale Affiliation and Qualification: UNI CT 533 (member) LinkedIn ... other <https://www.linkedin.com/in/domenico-natale-a9b99812/?originalSubdomain=it>

Observations:

22989 - 2

ISO/IEC AWI

Scope/Abstract
 This document establishes terminology for AI and describes concepts in the fields of AI for healthcare.

Full text

Link

Specification Part 2: HealthcareThis

Terms	WG	Sector	Type	% Articles of AI Act
Healthcare (Health care)	WG 1 7.08		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product	

Global vision of terms
 Healthcare

Global vision of terms in relationship with AI Act

OPTIONAL INFORMATION

Name and Surname: Affiliation and Qualification: LinkedIn ... other

Observations:

The data presented have a value for research and not a legal value.

23894 - : 2023 ISO/IEC Scope/Abstract

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 in integrating risk management into their AI...

Full text 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 in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity.

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

Specification Guidance on risk management

Table with columns: Terms, WG, Sector, Type, % Articles of AI Act. Rows include Risk management, Leadership, Design, Evaluation, Improvement, Risk treatment, Monitoring, Processes, Products.

Global vision of terms

Design, Leadership, Evaluation (Evaluating), Improvement, Risk management, Monitoring, Risk treatment, Processes, Products

Global vision of terms in relationship with AI Act

Design: Art. 9, 3 - Art. 9, 5(a) - Art. 10, 2(b) - Art. 17, 1(b) - Art. 31, 5 - Art. 56, 2(b) - Art. 95, 2(d) - Leadership: Art. 3, 10) - Art. 3, 32) - Art. 5, 1(c) - Art. 9, 2(b) - Art. 9, 2(c) - Art. 53, 1(a) - Art. 55, 1(a) - Art. 66, 6(a)(i) - Art. 73, 6 - Art. 79, 2 - Art. 79, 3 - Art. 80, 1 - Art. 80, 2 - Art. 80, 3 - Art. 80, 7 - Art. 81, 1 - Art. 82, 1 - Art. 82, 4 - Art. 93, 1(b) - Art. 101, 1(c) - Art. 111, 1 - Art. 112 - Art. 112, 3 - Art. 112, 5 - Art. 112, 11 - Improvement: Art. 59, 1(a)(i) - Art. 59, 1(a)(ii) - Risk management: Art. 8, 1 - Art. 9, 1 - Art. 9, 2 - Art. 9, 2 - Art. 9, 4 - Art. 9, 5 - Art. 9, 6 - Art. 9, 9 - Art. 9, 10 - Art. 10, 2 - Art. 17, 1 - Art. 17, 1(b) - Art. 17, 1(c) - Art. 17, 3 - Art. 31, 5 - Art. 43, 1(b) - Art. 49, 4 - Art. 60, 4(c) - Art. 63, 1 - Art. 74, 8 - Monitoring: Art. 1, 2(f) - Art. 3, 19) - Art. 3, 25) - Art. 3, 47) - Art. 3, 53) - Art. 9, 2(c) - Art. 12, 2(b) - Art. 12, 2(c) - Art. 17, 1(b) - Art. 26, 5 - Art. 28, 1 - Art. 28, 2 - Art. 29, 3 - Art. 34, 3 - Art. 58, 1(b) - Art. 59, 1(c) - Art. 68, 6(a) - CHAPTER IX - SECTION 1 - Art. 72 - Art. 72 - 1 - Art. 72, 2 - Art. 72, 3 - Art. 72, 4 - Art. 75, 1 - SECTION 5 - Art. 88 - Processes: Art. 8, 2 - Art. 9, 10 - Art. 10, 2(b) - Art. 17, 4 - Art. 18, 3 - Art. 19, 2 - Art. 25, 4 - Art. 26, 5 - Art. 26, 6 - Art. 27, 1(b) - Art. 40, 2 - Art. 58, 2(g) - Art. 72, 4 - Products: Art. 2, 2 - Art. 6, 1 - Art. 26, 7 - Art. 27, 1 - Art. 46, 7 - Art. 57, 17 - Art. 60, 1 - Art. 74, 3 - Art. 74, 4

OPTIONAL INFORMATION

Name and Surname: Domenico Natale Affiliation and Qualification: UNI CT 533 (member) LinkedIn ... other: https://www.linkedin.com/in/domenico-natale-a9b99812/?originalSubdomain=it

24027 - : 2021 ISO/IEC TR Scope/Abstract

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...

Full text Foreword 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 committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International

Link https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24027:ed-1:1.en

Specification Bias in AI systems and AI aided decision making

Table with columns: Terms, WG, Sector, Type, % Articles of AI Act. Rows include Functional correctness, Characteristics of the data sets may be met at the level of, Bias, Data bias, Design, Lifecycle, Software testing, Social responsibility.

Global vision of terms

Bias, Characteristics of the data sets may be met at the level of individual data sets or combination, Design, Lifecycle, Functional correctness, Data bias, Software testing, Social responsibility

Global vision of terms in relationship with AI Act

Bias: Art. 10, 5 - Art. 10, 5(a) - Art. 10, 5(b) - Art. 14, 4(b) - Art. 70, 1 - Characteristics of the data sets may be met at the level of individual data sets or combination: Art. 10, 3 - Design: Art. 9, 3 - Art. 9, 5(a) - Art. 10, 2(a) - Art. 17, 1(b) - Art. 31, 5 - Art. 95, 2(b) - Art. 95, 2(d) - Lifecycle: Art. 9, 2 - Art. 15, 1 - Art. 40, 2 - Data bias: Art. 10, 2(f) - Art. 10, 5 - Art. 10, 5(a) - Art. 10, 5(b) - Art. 10, 5(f)

OPTIONAL INFORMATION

Name and Surname: Domenico Natale Affiliation and Qualification: UNI CT 533 (member) LinkedIn ... other: https://www.linkedin.com/in/domenico-natale-a9b99812/?originalSubdomain=it

The data presented have a value for research and not a legal value.

24029 - 2

2023 ISO/IEC

Scope/Abstract

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.

Full text

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 in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity.

Link

<https://www.iso.org/obp/ui/en/#iso:std:iso-iec:24029-2:ed-1:vi:en>

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

Terms	WG	Sector	Type	%	Articles of AI Act
Domains	WG 1		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
Bounded domain	WG 1		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
Architecture	WG 3		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		Art. 53, 2 - Art. 54, 6
Time series	WG 1		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
Robustness	WG 2 WG 3		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		

Global vision of terms
Robustness, Domains (Sectors), Bounded domain, Architecture, Time series

Global vision of terms in relationship with AI Act
Robustness; Architecture: Art. 53, 2 - Art. 54, 6

OPTIONAL INFORMATION

Name and Surname Affiliation and Qualification LinkedIn ... other Observations

24029 - 3

ISO/IEC AWI

Scope/Abstract

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

Full text

ISO/IEC AWI 24029-3
Artificial intelligence (AI) — Assessment of the robustness of neural networks
Part 3: Methodology for the use of statistical methods
Under development

Link

<https://www.iso.org/standard/86901.html>

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

Terms	WG	Sector	Type	%	Articles of AI Act
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
			<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		

Global vision of terms

Global vision of terms in relationship with AI Act

OPTIONAL INFORMATION

Name and Surname Affiliation and Qualification LinkedIn ... other Observations

The data presented have a value for research and not a legal value.

Specification 24030 - : 2024 ISO/IEC TR Scope Abstract Use cases

Full text Foreword ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization.

Link https://www.iso.org/obp/ui/en/iso-std-iso-iec-tr:24030-ed-2-v1-en

Table with columns: Terms, WG, Sector, Type, % Articles of AI Act. Rows include Use-cases, Artificial intelligence, Domains, AI systems.

Global vision of terms AI systems, Artificial intelligence, Domains (Sectors), Use-cases (Segmentation) Global vision of terms in relationship with AI Act AI systems: Art. 1, 1 - Art. 1, 2(a) - Art. 1, 2(c) - Art. 1, 2(d) - Art. 2, 1(a) - Art. 2, 1(b) - Art. 2, 1(c) - Art. 2, 2 - Art. 2, 3 - Art. 2, 4 - Art. 2, 6 - Art. 2, 8 - Art. 2, 10 - Art. 2, 11 - Art. 2, 12 - Art. 3, (13) - Art. 3, (25) - Art. 3, (47) - Art. 3, (48) - Art. 3, (55) - Art. 3, (56) - Art. 3, (63) - Art. 3, (68) - Art. 4 - Art. 5, 1(c) - Art. 5, 1(d) - Art. 5, 1(e) - Art. 5, 1(f) - CHAPTER II - SECTION 1 - Art. 6 - Art. 6, 2 - Art. 6, 5 - Art. 6, 6 - Art. 7, 1 - Art. 7, 1(a) - Art. 7, 1(b) - Art. 7, 3 - SECTION 2 - Art. 8, 1 - Art. 8, 2 - Art. 9, 1 - Art. 9, 5 - Art. 9, 6 - Art. 9, 8 - Art. 9, 10 - Art. 10, 1 - Art. 10, 5 - Art. 10, 6 - Art. 12, 1 - Art. 12, 2(c) - Art. 13, 1 - Art. 13, 2 - Art. 13, 3(c) - Art. 14, 1 - Art. 14, 4(b) - Art. 14, 5 - Art. 15, 1 - Art. 15, 3 - Art. 15, 4 - Art. 15, 5 - SECTION 3 - Art. 16 - Art. 16, (a) - Art. 16, (e) - Art. 17, 1 - Art. 17, 1(b) - Art. 17, 2 - Art. 17, 5 - Art. 19, 1 - Art. 19, 2 - Art. 20, 1 - Art. 21, 1 - Art. 22 - Art. 22, 1 - Art. 25, 2 - Art. 25, 3 - Art. 25, 4 - Art. 26 - Art. 26, 1 - Art. 26, 5 - Art. 26, 6 - Art. 26, 8 - Art. 26, 9 - Art. 26, 10 - Art. 26, 11 - Art. 27 - Art. 27, 1 - Art. 29, 2 - Art. 30, 3 - Art. 31, 4 - Art. 31, 5 - Art. 31, 11 - Art. 34, 1 - Art. 36, 3 - Art. 36, 7(c) - Art. 36, 9(a) - Art. 36, 9(b) - Art. 38, 1 - Art. 40, 1 - Art. 40, 2 - Art. 41, 3 - Art. 41, 5 - Art. 42, 1 - Art. 42, 2 - Art. 43, 1 - Art. 43, 2 - Art. 43, 3 - Art. 43, 4 - Art. 43, 6 - Art. 44, 2 - Art. 45, 3 - Art. 46, 1 - Art. 46, 7 - Art. 47, 3 - Art. 48, 2 - Art. 48, 3 - Art. 48, 5 - Art. 49, 1 - Art. 49, 3 - Art. 49, 4 - Art. 49, 5 - CHAPTER IV - Art. 50 - Art. 50, 1 - Art. 50, 2 - Art. 50, 3 - Art. 50, 6 - Art. 53, 1(b) - Art. 53, 1(c) - Art. 54, 3(c) - Art. 57, 5 - Art. 57, 9(a) - Art. 57, 10 - Art. 57, 11 - Art. 58, 2(i) - Art. 59 - Art. 59, 1 - Art. 59, 1(a) - Art. 59, 3 - Art. 60 - Art. 60, 1 - Art. 60, 2 - Art. 60, 3 - Art. 60, 4(c) - Art. 60, 6 - Art. 62, 3(a) - Art. 63, 1 - Art. 66, (b) - Art. 66, (g) - Art. 68, 3(a)(i) - Art. 68, 3(a)(ii) - Art. 68, 3(a)(iii) - Art. 68, 4 - CHAPTER VIII - Art. 71 - Art. 71, 1 - Art. 72 - Art. 72, 2 - Art. 72, 4 - Art. 73, 1 - Art. 73, 9 - Art. 73, 10 - Art. 74 - Art. 74, 1 - Art. 74, 1(b) - Art. 74, 3 - Art. 74, 4 - Art. 74, 6 - Art. 74, 8 - Art. 74, 10 - Art. 74, 11 - Art. 74, 12 - Art. 75 - Art. 75, 2 - Art. 77, 1 - Art. 78, 2 - Art. 78, 3 - Art. 79 - Art. 79, 1 - Art. 79, 2 - Art. 79, 4 - Art. 80 - Art. 80, 5 - Art. 82 - Art. 82, 2 - Art. 85, 1 - Art. 86, 2 - Art. 86, 5 - Art. 86, 6 - Art. 86, 7 - Art. 86, 8 - Art. 86, 9 - Art. 86, 10 - Art. 86, 11 - Art. 86, 12 - Art. 86, 13 - Art. 86, 14 - Art. 86, 15 - Art. 86, 16 - Art. 86, 17 - Art. 86, 18 - Art. 86, 19 - Art. 86, 20 - Art. 86, 21 - Art. 86, 22 - Art. 86, 23 - Art. 86, 24 - Art. 86, 25 - Art. 86, 26 - Art. 86, 27 - Art. 86, 28 - Art. 86, 29 - Art. 86, 30 - Art. 86, 31 - Art. 86, 32 - Art. 86, 33 - Art. 86, 34 - Art. 86, 35 - Art. 86, 36 - Art. 86, 37 - Art. 86, 38 - Art. 86, 39 - Art. 86, 40 - Art. 86, 41 - Art. 86, 42 - Art. 86, 43 - Art. 86, 44 - Art. 86, 45 - Art. 86, 46 - Art. 86, 47 - Art. 86, 48 - Art. 86, 49 - Art. 86, 50 - Art. 86, 51 - Art. 86, 52 - Art. 86, 53 - Art. 86, 54 - Art. 86, 55 - Art. 86, 56 - Art. 86, 57 - Art. 86, 58 - Art. 86, 59 - Art. 86, 60 - Art. 86, 61 - Art. 86, 62 - Art. 86, 63 - Art. 86, 64 - Art. 86, 65 - Art. 86, 66 - Art. 86, 67 - Art. 86, 68 - Art. 86, 69 - Art. 86, 70 - Art. 86, 71 - Art. 86, 72 - Art. 86, 73 - Art. 86, 74 - Art. 86, 75 - Art. 86, 76 - Art. 86, 77 - Art. 86, 78 - Art. 86, 79 - Art. 86, 80 - Art. 86, 81 - Art. 86, 82 - Art. 86, 83 - Art. 86, 84 - Art. 86, 85 - Art. 86, 86 - Art. 86, 87 - Art. 86, 88 - Art. 86, 89 - Art. 86, 90 - Art. 86, 91 - Art. 86, 92 - Art. 86, 93 - Art. 86, 94 - Art. 86, 95 - Art. 86, 96 - Art. 86, 97 - Art. 86, 98 - Art. 86, 99 - Art. 86, 100 - Art. 86, 101 - Art. 86, 102 - Art. 102 - Art. 103 - Art. 104 - Art. 105 - Art. 106 - Art. 107 - Art. 108(1) - Art. 108(7) - Art. 108(2) - Art. 108(5) - Art. 108(6) - Art. 108(4) - Art. 108(5) - Art. 108(6) - Art. 108(9) - Art. 109 - Art. 110 - Use-cases: Art. 7, 1

OPTIONAL INFORMATION Name and Surname Affiliation and Qualification LinkedIn ... other Observations

Specification 24368 - : 2022 ISO/IEC TR Scope Abstract Overview of ethical and societal concerns

Full text ISO/IEC TR 24368:2022 Information technology — Artificial intelligence — Overview of ethical and societal concerns Published (Edition 1, 2022)

Link https://www.iso.org/standard/78507.html

Table with columns: Terms, WG, Sector, Type, % Articles of AI Act. Rows include Ethical concerns, Societal concerns, Ethical framework, Safety.

Global vision of terms Safety, Ethical concerns, Societal concerns, Ethical framework Global vision of terms in relationship with AI Act Safety: Art. 1, 1 - Art. 2, 9 - Art. 3, (14) - Art. 3, (85) - Art. 5, 1(f) - Art. 5, 1(g)(i) - Art. 6, 1(a) - Art. 6, 1(b) - Art. 6, 3 - Art. 6, 6 - Art. 6, 7 - Art. 6, 8 - Art. 7, 1(b) - Art. 7, 2(e) - Art. 7, 2(i) - Art. 7, 2(j) - Art. 7, 3(a) - Art. 7, 3(b) - Art. 9, 2(a) - Art. 10, 2(f) - Art. 13, 3(b)(ii) - Art. 14, 2 - Art. 25, 3 - Art. 36, 7(e) - Art. 36, 8(a) - Art. 36, 9(a) - Art. 43, 6 - Art. 46, 2 - Art. 57, 6 - Art. 57, 11 - Art. 58, 4 - Art. 59, 1(a)(i) - Art. 59, 1(a)(iv) - Art. 66, (h) - Art. 70, 3 - Art. 73, 10 - Art. 79, 1 - Art. 82, 1 - Art. 86, 1 - Art. 103 - Art. 104 - Art. 105 - Art. 106 - Art. 107 - Art. 108(1) - Art. 108(2) - Art. 108(3) - Art. 108(4) - Art. 108(5) - Art. 108(6) - Art. 109 - Art. 112, 10

OPTIONAL INFORMATION Name and Surname Affiliation and Qualification LinkedIn ... other Observations

The data presented have a value for research and not a legal value.

24970 - : ISO/IEC AWI Scope/Abstract

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.

Full text ISO/IEC AWI 24970
Artificial intelligence — AI system logging
Under development
A working group has prepared a draft.

Link <https://www.iso.org/standard/86723.html>

Specification AI system logging

Terms	WG	Sector	Type	%	Articles of AI Act
Logging	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		Art. 12, 2 - Art. 12, 3
Traceability	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		Art. 12, 2
Risk management	WG 2		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		Art. 8, 1 - Art. 9 - Art. 9, 1 - Art. 9, 2 - Art. 9, 2(g) - Art. 9, 4 - Art. 9, 5 - Art. 9, 6 - Art. 9, 6 - Art. 9, 9 - Art. 9, 10 - Art. 10, 2 - Art. 17, 1 - Art. 17, 1(a) - Art. 17, 1(f) - Art. 17, 1(g) - Art. 17, 3 - Art. 31, 5 - Art. 43, 1(b) - Art. 49, 4 - Art. 60, 4(c) - Art. 63, 1 - Art. 74, 8; Logging: Art. 12, 2 - Art. 12, 3

Global vision of terms
Traceability, Risk management, Logging

Global vision of terms in relationship with AI Act
Traceability: Art. 12, 2; Risk management: Art. 8, 1 - Art. 9, 1 - Art. 9, 2 - Art. 9, 2(c) - Art. 9, 4 - Art. 9, 5 - Art. 9, 6 - Art. 9, 6 - Art. 9, 9 - Art. 9, 10 - Art. 10, 2 - Art. 17, 1 - Art. 17, 1(a) - Art. 17, 1(f) - Art. 17, 1(g) - Art. 17, 3 - Art. 31, 5 - Art. 43, 1(b) - Art. 49, 4 - Art. 60, 4(c) - Art. 63, 1 - Art. 74, 8; Logging: Art. 12, 2 - Art. 12, 3

OPTIONAL INFORMATION
Name and Surname: Domenico Natale Affiliation and Qualification: UNI
Observations: LinkedIn ... other:

25010 - : 2023 ISO/IEC Scope/Abstract

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

Full text 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 in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity.

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

Specification SQuaRE - Product quality model

Terms	WG	Sector	Type	%	Articles of AI Act
Functional suitability	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
Performance efficiency	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
Compatibility	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
Interaction capability	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
Reliability	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
Security	WG 5 WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		Art. 2, 3 - Art. 3, (45) (e) - Art. 3, (45) (b) - Art. 3, (46) - Art. 3, (65) - Art. 10, 5(b) - Art. 17, 1(f) - Art. 46, 1 - Art. 46, 2 - Art. 59, 2 - Art. 74, 12 - Art. 78, 1(c) - Art. 78, 2 - Art. 78, 3 - Art. 102; Flexibility: Art. 58, 2(c); Safety: Art. 1, 1 - Art. 2, 9 - Art. 3, (14) - Art. 3, (65) - Art. 5, 1(f) - Art. 5, 1(f)(i) - Art. 6, 1(a) - Art. 6, 1(b) - Art. 6, 3 - Art. 6, 6 - Art. 6, 7 - Art. 6, 8 - Art. 7, 1(b) - Art. 7, 2(e) - Art. 7, 2(i) - Art. 7, 2(j) - Art. 7, 3(a) - Art. 7, 3(b) - Art. 9, 2(a) - Art. 10, 2(f) - Art. 13, 3(d)(iii) - Art. 14, 2 - Art. 25, 3 - Art. 36, 7(e) - Art. 36, 9(a) - Art. 36, 9(b) - Art. 43, 6 - Art. 46, 2 - Art. 57, 6 - Art. 57, 11 - Art. 58, 4 - Art. 59, 1(a)(i) - Art. 59, 1(a)(iv) - Art. 66, (h) - Art. 70, 3 - Art. 73, 10 - Art. 79, 1 - Art. 82, 1 - Art. 86, 1 - Art. 103 - Art. 104 - Art. 105 - Art. 106 - Art. 107 - Art. 108(1) - Art. 108(2) - Art. 108(4) - Art. 108(5) - Art. 108(9) - Art. 109 - Art. 112, 10
Maintainability	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		
Flexibility	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		Art. 58, 2(c)
Safety	NA		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		Art. 1, 1 - Art. 2, 9 - Art. 3, (14) - Art. 3, (65) - Art. 5, 1(f) - Art. 5, 1(f)(i) - Art. 6, 1(a) - Art. 6, 1(b) - Art. 6, 3 - Art. 6, 6 - Art. 6, 7 - Art. 6, 8 - Art. 7, 1(b) - Art. 7, 2(e) - Art. 7, 2(i) - Art. 7, 2(j) - Art. 7, 3(a) - Art. 7, 3(b) - Art. 9, 2(a) - Art. 10, 2(f) - Art. 13, 3(d)(iii) - Art. 14, 2 - Art. 25, 3 - Art. 36, 7(e) - Art. 36, 9(a) - Art. 36, 9(b) - Art. 43, 6 - Art. 46, 2 - Art. 57, 6 - Art. 57, 11 - Art. 58, 4 - Art. 59, 1(a)(i) - Art. 59, 1(a)(iv) - Art. 66, (h) - Art. 70, 3 - Art. 73, 10 - Art. 79, 1 - Art. 82, 1 - Art. 86, 1 - Art. 103 - Art. 104 - Art. 105 - Art. 106 - Art. 107 - Art. 108(1) - Art. 108(2) - Art. 108(4) - Art. 108(5) - Art. 108(9) - Art. 109 - Art. 112, 10
Accessibility	WG 1, 7, 1 ()		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Process <input type="checkbox"/> Product		Art. 16, (i) - Art. 50, 5 - Art. 71, 6 - Art. 85, 2(e)

Global vision of terms
Accessibility (access), Security (Cybersecurity), Compatibility, Maintainability, Functional suitability, Performance efficiency, Interaction capability, Reliability, Flexibility, Safety

Global vision of terms in relationship with AI Act
Accessibility: Art. 16, (i) - Art. 50, 5 - Art. 71, 6 - Art. 85, 2(e); Security: Art. 2, 3 - Art. 3, (45) (a) - Art. 3, (45) (b) - Art. 3, (46) - Art. 3, (65) - Art. 10, 5(b) - Art. 17, 1(f) - Art. 46, 1 - Art. 46, 2 - Art. 59, 2 - Art. 74, 12 - Art. 78, 1(c) - Art. 78, 2 - Art. 78, 3 - Art. 102; Flexibility: Art. 58, 2(c); Safety: Art. 1, 1 - Art. 2, 9 - Art. 3, (14) - Art. 3, (65) - Art. 5, 1(f) - Art. 5, 1(f)(i) - Art. 6, 1(a) - Art. 6, 1(b) - Art. 6, 3 - Art. 6, 6 - Art. 6, 7 - Art. 6, 8 - Art. 7, 1(b) - Art. 7, 2(e) - Art. 7, 2(i) - Art. 7, 2(j) - Art. 7, 3(a) - Art. 7, 3(b) - Art. 9, 2(a) - Art. 10, 2(f) - Art. 13, 3(d)(iii) - Art. 14, 2 - Art. 25, 3 - Art. 36, 7(e) - Art. 36, 9(a) - Art. 36, 9(b) - Art. 43, 6 - Art. 46, 2 - Art. 57, 6 - Art. 57, 11 - Art. 58, 4 - Art. 59, 1(a)(i) - Art. 59, 1(a)(iv) - Art. 66, (h) - Art. 70, 3 - Art. 73, 10 - Art. 79, 1 - Art. 82, 1 - Art. 86, 1 - Art. 103 - Art. 104 - Art. 105 - Art. 106 - Art. 107 - Art. 108(1) - Art. 108(2) - Art. 108(4) - Art. 108(5) - Art. 108(9) - Art. 109 - Art. 112, 10

OPTIONAL INFORMATION
Name and Surname: Domenico Natale Affiliation and Qualification: UNI CT 504 (president)
Observations: LinkedIn ... other: iso25000.it

The data presented have a value for research and not a legal value.

Specification 25012 - ISO/IEC Scope Abstract [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 not on the quality of the data.] Full text 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 in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. Link https://www.iso.org/obp/ui/en/iso-std-iso-iec-25012-ed-1-v1.en

Table with columns: Terms, WG, Sector, Type, % Articles of AI Act. Rows include Accuracy, Completeness, Currentness, Compliance, Credibility, Accessibility, Consistency, Efficiency, Understandability, Traceability, Precision, Data quality, and Data quality model.

Global vision of terms Accessibility (access), Accuracy (free of errors), Complete, Completeness (Complete), Compliance (complete), Confidentiality (personal data, identifiability), Consistency, Credibility, Currentness, Efficiency, Portability, Precision, Recoverability, Traceability, Understandability, Data quality, Availability, Data quality model (Quality criteria), Quality characteristics

Global vision of terms in relationship with AI Act

Accessibility: Art. 16 (j), Art. 50, 51, Art. 71, 6, Art. 95, 2(a); Accuracy: Art. 13, 3(b)(i), Art. 15, Art. 2, Art. 15, 3, Art. 24, 4, Art. 25, 2, Art. 29, 3, Art. 29, 4, Art. 34, 2, Art. 39, Art. 43, 1, Art. 43, 1(b), Art. 47, 4, Art. 53, 4, Art. 53, 5, Art. 54, 3(c), Art. 54, 4, Art. 55, 2, Art. 57, 7, Art. 57, 9(a), Art. 57, 12, Art. 59, 3, Art. 60, 4(b); Complete: Art. 10, 3, Art. 13, 2, Art. 36, 3, Art. 59, 10, Art. 73, 5; Compliance: Art. 3, 23, Art. 8, Art. 8, 1, Art. 8, 2, Art. 9, 6, Art. 10, 2(h), Art. 11, 1, Art. 11, 3, Art. 13, 1, Art. 17, 1, Art. 17, 1(a), Art. 17, 2, Art. 20, 2, Art. 22, 3(a), Art. 23, 4, Art. 24, 3, Art. 24, 4, Art. 25, 2, Art. 29, 3, Art. 29, 4, Art. 34, 2, Art. 39, Art. 43, 1, Art. 43, 1(b), Art. 47, 4, Art. 53, 4, Art. 53, 5, Art. 54, 3(c), Art. 54, 4, Art. 55, 2, Art. 57, 7, Art. 57, 9(a), Art. 57, 12, Art. 59, 3, Art. 60, 4(b); Confidentiality: Art. 2, 7, Art. 10, 2(c), Art. 11, 1, Art. 15, 3, Art. 21, 3, Art. 28, 6, Art. 31, 7, Art. 45, 4, Art. 53, 7, Art. 55, 3, Art. 57, 8, Art. 68, 4, Art. 70, 5, Art. 74, 14, Art. 75, 3, Art. 77, 4, Art. 78, Art. 78, 1, Art. 78, 2, Art. 78, 5, Consistency: Art. 6, 8, Art. 8, 2, Art. 65, 4(c), Art. 72, 4, Art. 96, 1(e); Efficiency: Art. 51, 3, Art. 59, 1(a); Precision: Art. 3, 67; Traceability: Art. 12, 2; Data quality: Art. 10, 1; Availability: Art. 10, 2(e), Art. 31, 11, Art. 43, 6; Data quality model: Art. 10, 1

Specification 25019 - ISO/IEC Scope Abstract [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.] Full text 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 in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. Link https://www.iso.org/obp/ui/en/iso-std-iso-iec-25019-ed-1-v1.en

Table with columns: Terms, WG, Sector, Type, % Articles of AI Act. Rows include Post-market, Monitoring, Stakeholder, Evaluation, Accessibility, Usability, Data quality, Customer, Information system, Organization, Quality-in-use, Risk, and Society.

Global vision of terms Accessibility (access), Compliance (complete), Organization, Evaluation (Evaluating), Usability (Interaction capability), Post-market (Quality in use, Post production), Monitoring, Stakeholder, Customer, Data quality, Information system, Quality-in-use, Risk, Society, Software quality, System, Target entity, User, Direct user, Beneficialness (Benefit), Suitability, Freedom from risk, Economic risk, Environmental risk, Societal risk, Health risk, Human life risk, Experience, Trustworthiness, Acceptability, Verification

Global vision of terms in relationship with AI Act

Accessibility: Art. 16 (j), Art. 50, 51, Art. 71, 6, Art. 95, 2(a); Compliance: Art. 3, 23, Art. 8, Art. 8, 1, Art. 8, 2, Art. 9, 6, Art. 10, 2(h), Art. 11, 1, Art. 11, 3, Art. 13, 1, Art. 17, 1, Art. 17, 1(a), Art. 17, 2, Art. 20, 2, Art. 22, 3(a), Art. 23, 4, Art. 24, 3, Art. 24, 4, Art. 25, 2, Art. 29, 3, Art. 29, 4, Art. 34, 2, Art. 39, Art. 43, 1, Art. 43, 1(b), Art. 47, 4, Art. 53, 4, Art. 53, 5, Art. 54, 3(c), Art. 54, 4, Art. 55, 2, Art. 57, 7, Art. 57, 9(a), Art. 57, 12, Art. 59, 3, Art. 60, 4(b); Complete: Art. 10, 3, Art. 13, 2, Art. 36, 3, Art. 59, 10, Art. 73, 5; Compliance: Art. 3, 23, Art. 8, Art. 8, 1, Art. 8, 2, Art. 9, 6, Art. 10, 2(h), Art. 11, 1, Art. 11, 3, Art. 13, 1, Art. 17, 1, Art. 17, 1(a), Art. 17, 2, Art. 20, 2, Art. 22, 3(a), Art. 23, 4, Art. 24, 3, Art. 24, 4, Art. 25, 2, Art. 29, 3, Art. 29, 4, Art. 34, 2, Art. 39, Art. 43, 1, Art. 43, 1(b), Art. 47, 4, Art. 53, 4, Art. 53, 5, Art. 54, 3(c), Art. 54, 4, Art. 55, 2, Art. 57, 7, Art. 57, 9(a), Art. 57, 12, Art. 59, 3, Art. 60, 4(b); Confidentiality: Art. 2, 7, Art. 10, 2(c), Art. 11, 1, Art. 15, 3, Art. 21, 3, Art. 28, 6, Art. 31, 7, Art. 45, 4, Art. 53, 7, Art. 55, 3, Art. 57, 8, Art. 68, 4, Art. 70, 5, Art. 74, 14, Art. 75, 3, Art. 77, 4, Art. 78, Art. 78, 1, Art. 78, 2, Art. 78, 5, Consistency: Art. 6, 8, Art. 8, 2, Art. 65, 4(c), Art. 72, 4, Art. 96, 1(e); Efficiency: Art. 51, 3, Art. 59, 1(a); Precision: Art. 3, 67; Traceability: Art. 12, 2; Data quality: Art. 10, 1; Availability: Art. 10, 2(e), Art. 31, 11, Art. 43, 6; Data quality model: Art. 10, 1

OPTIONAL INFORMATION Name and Surname: Domenico Natale Affiliation and Qualification: UNI CT 504 (president) LinkedIn ... other: iso25000.it Observations:

25223

: 2024

ISO/IEC/AWI TS

Scope/Abstract

Abstract
This document specifies general and technical guidance and requirements for the development and use of methods for the quantification of uncertainties in AI systems.

Full text

Link

<https://www.iso.org/standard/89475.html>

Specification
Guidance and requirements for uncertainty quantification in AI systems

Global vision of terms

AI systems, System, Reliability, Transparency, Data, Algorithm, Machine learning, Interpretability, Statistical confidence (*Randomness*), Confidence level, Measure, Probability measure, Random variable, Simulatability, Uncertainty, Quantification, Out-of-distribution data (*oulier*), Data set (*File*), Database, AI system lifecycle

Terms	WG	Sector	Type	%	Articles of AI Act
AI systems	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 1, 1(a) - Art. 2(a)(1), Art. 2(a)(2), Art. 2(a)(3), Art. 2(a)(4), Art. 2(a)(5), Art. 2(a)(6), Art. 2(a)(7), Art. 2(a)(8), Art. 2(a)(9), Art. 2(a)(10), Art. 2(a)(11), Art. 2(a)(12), Art. 2(a)(13), Art. 2(a)(14), Art. 2(a)(15), Art. 2(a)(16), Art. 2(a)(17), Art. 2(a)(18), Art. 2(a)(19), Art. 2(a)(20), Art. 2(a)(21), Art. 2(a)(22), Art. 2(a)(23), Art. 2(a)(24), Art. 2(a)(25), Art. 2(a)(26), Art. 2(a)(27), Art. 2(a)(28), Art. 2(a)(29), Art. 2(a)(30), Art. 2(a)(31), Art. 2(a)(32), Art. 2(a)(33), Art. 2(a)(34), Art. 2(a)(35), Art. 2(a)(36), Art. 2(a)(37), Art. 2(a)(38), Art. 2(a)(39), Art. 2(a)(40), Art. 2(a)(41), Art. 2(a)(42), Art. 2(a)(43), Art. 2(a)(44), Art. 2(a)(45), Art. 2(a)(46), Art. 2(a)(47), Art. 2(a)(48), Art. 2(a)(49), Art. 2(a)(50), Art. 2(a)(51), Art. 2(a)(52), Art. 2(a)(53), Art. 2(a)(54), Art. 2(a)(55), Art. 2(a)(56), Art. 2(a)(57), Art. 2(a)(58), Art. 2(a)(59), Art. 2(a)(60), Art. 2(a)(61), Art. 2(a)(62), Art. 2(a)(63), Art. 2(a)(64), Art. 2(a)(65), Art. 2(a)(66), Art. 2(a)(67), Art. 2(a)(68), Art. 2(a)(69), Art. 2(a)(70), Art. 2(a)(71), Art. 2(a)(72), Art. 2(a)(73), Art. 2(a)(74), Art. 2(a)(75), Art. 2(a)(76), Art. 2(a)(77), Art. 2(a)(78), Art. 2(a)(79), Art. 2(a)(80), Art. 2(a)(81), Art. 2(a)(82), Art. 2(a)(83), Art. 2(a)(84), Art. 2(a)(85), Art. 2(a)(86), Art. 2(a)(87), Art. 2(a)(88), Art. 2(a)(89), Art. 2(a)(90), Art. 2(a)(91), Art. 2(a)(92), Art. 2(a)(93), Art. 2(a)(94), Art. 2(a)(95), Art. 2(a)(96), Art. 2(a)(97), Art. 2(a)(98), Art. 2(a)(99), Art. 2(a)(100)
Algorithm	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 1, 1(a) - Art. 2(a)(100)
Statistical confidence	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 1, 1(a) - Art. 2(a)(100)
Confidence level	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 1, 1(a) - Art. 2(a)(100)
Interpretability	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 1, 1(a) - Art. 2(a)(100)
Machine learning	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 1, 1(a) - Art. 2(a)(100)
Measure	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 1, 1(a) - Art. 2(a)(100)
Probability measure	WG 2 WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 1, 1(a) - Art. 2(a)(100)
Random variable	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 1, 1(a) - Art. 2(a)(100)
Reliability	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 1, 1(a) - Art. 2(a)(100)
Simulatability	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 1, 1(a) - Art. 2(a)(100)
System	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 1, 1(a) - Art. 2(a)(100)
Transparency	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 1, 1(a) - Art. 2(a)(100)

OPTIONAL INFORMATION

Name and Surname: Domenico Natale

Affiliation and Qualification: UNI CT 533

Linkedin ... other

Observations

26514

: 2022

ISO/IEC/IEEE

Scope/Abstract

Abstract
This document covers the development process 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

Full text

Foreword

Link

<https://www.iso.org/obp/ui/en/iso.stc-iso-iec-26514-ed-1-v1.en>

Specification
Design and development of information for users

Global vision of terms

Accessibility (access), Design, User, Information

Terms	WG	Sector	Type	%	Articles of AI Act
Design	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 9, 3 - Art. 9, 5(a) - Art. 10, 2(a) - Art. 17, 1(b) - Art. 31, 5 - Art. 34, 2(a)
User	WG 1 WG 2		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 17, 4
Information	WG 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 3, 1(2) - Art. 3, 1(5) - Art. 5, 4 - Art. 5, 5 - Art. 5, 6 - Art. 5, 7 - Art. 5, 8 - Art. 5, 9 - Art. 5, 10 - Art. 5, 11 - Art. 5, 12 - Art. 5, 13 - Art. 5, 14 - Art. 5, 15 - Art. 5, 16 - Art. 5, 17 - Art. 5, 18 - Art. 5, 19 - Art. 5, 20 - Art. 5, 21 - Art. 5, 22 - Art. 5, 23 - Art. 5, 24 - Art. 5, 25 - Art. 5, 26 - Art. 5, 27 - Art. 5, 28 - Art. 5, 29 - Art. 5, 30 - Art. 5, 31 - Art. 5, 32 - Art. 5, 33 - Art. 5, 34 - Art. 5, 35 - Art. 5, 36 - Art. 5, 37 - Art. 5, 38 - Art. 5, 39 - Art. 5, 40 - Art. 5, 41 - Art. 5, 42 - Art. 5, 43 - Art. 5, 44 - Art. 5, 45 - Art. 5, 46 - Art. 5, 47 - Art. 5, 48 - Art. 5, 49 - Art. 5, 50 - Art. 5, 51 - Art. 5, 52 - Art. 5, 53 - Art. 5, 54 - Art. 5, 55 - Art. 5, 56 - Art. 5, 57 - Art. 5, 58 - Art. 5, 59 - Art. 5, 60 - Art. 5, 61 - Art. 5, 62 - Art. 5, 63 - Art. 5, 64 - Art. 5, 65 - Art. 5, 66 - Art. 5, 67 - Art. 5, 68 - Art. 5, 69 - Art. 5, 70 - Art. 5, 71 - Art. 5, 72 - Art. 5, 73 - Art. 5, 74 - Art. 5, 75 - Art. 5, 76 - Art. 5, 77 - Art. 5, 78 - Art. 5, 79 - Art. 5, 80 - Art. 5, 81 - Art. 5, 82 - Art. 5, 83 - Art. 5, 84 - Art. 5, 85 - Art. 5, 86 - Art. 5, 87 - Art. 5, 88 - Art. 5, 89 - Art. 5, 90 - Art. 5, 91 - Art. 5, 92 - Art. 5, 93 - Art. 5, 94 - Art. 5, 95 - Art. 5, 96 - Art. 5, 97 - Art. 5, 98 - Art. 5, 99 - Art. 5, 100
Accessibility	WG 1, 2, 3		<input checked="" type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product		Art. 16, 1(b) - Art. 50, 2(a) - Art. 55, 2(a)

OPTIONAL INFORMATION

Name and Surname: Stazi

Affiliation and Qualification: UNI TC 504

Linkedin ... other

Observations

The data presented have a value for research and not a legal value.

31000

2018 ISO

Scope/Abstract: ISO 31000 provides guidelines on managing risks faced by organizations.

Full text

Foreword
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 committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International

Link

<https://www.iso.org/obp/ui/en/#iso:std:65694:en>

Specification

Risk management - Guidelines

Terms	WG	Sector	Type	%	Articles of AI Act
Organization	WG 1		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Procedure <input type="checkbox"/> Product		
Risk management	WG 2		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Procedure <input type="checkbox"/> Product		Art. 8, 1 - Art. 9 - Art. 9, 1 - Art. 9, 2 - Art. 9, 2(a) - Art. 9, 4 - Art. 9, 5 - Art. 9, 6 - Art. 9, 7 - Art. 9, 8 - Art. 9, 9 - Art. 9, 10 - Art. 10, 2 - Art. 17, 1 - Art. 17, 1(a) - Art. 17, 1(f) - Art. 17, 1(g) - Art. 17, 3 - Art. 31, 5 - Art. 43, 1(b) - Art. 49, 4 - Art. 60, 4(c) - Art. 63, 1 - Art. 74, 8 - Stakeholder: Art. 40, 3
Stakeholder	WG 1		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Procedure <input type="checkbox"/> Product		Art. 40, 3

Global vision of terms

Organization, Risk management, Stakeholder

Global vision of terms in relationship with AI Act

Risk management: Art. 8, 1 - Art. 9 - Art. 9, 1 - Art. 9, 2 - Art. 9, 2(b) - Art. 9, 4 - Art. 9, 5 - Art. 9, 6 - Art. 9, 9 - Art. 9, 10 - Art. 10, 2 - Art. 17, 1 - Art. 17, 1(a) - Art. 17, 1(f) - Art. 17, 1(g) - Art. 17, 3 - Art. 31, 5 - Art. 43, 1(b) - Art. 49, 4 - Art. 60, 4(c) - Art. 63, 1 - Art. 74, 8 - Stakeholder: Art. 40, 3

OPTIONAL INFORMATION

Name and Surname Affiliation and Qualification LinkedIn ... other

Observations

31010

2019 IEC

Scope/Abstract: Not available

Full text

IEC 31010 Edition 2

Link

<https://www.iso.org/obp/ui/en/#iso:std:iec:31010:ed-2:v1:en:1>

Specification

Risk assessment techniques

Terms	WG	Sector	Type	%	Articles of AI Act
Risk assessment techniques	WG 2		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Procedure <input type="checkbox"/> Product		
Organization	WG 1		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Procedure <input type="checkbox"/> Product		
Monitoring	WG 3 WG 4		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Procedure <input type="checkbox"/> Product		Art. 1, 2(f) - Art. 3, (19) - Art. 3, (25) - Art. 3, (47) - Art. 3, (53) - Art. 9, 2(a) - Art. 10, 2(b)
Data collection processes	WG 3		<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Procedure <input type="checkbox"/> Product		Art. 10, 2(b)

Global vision of terms

Data collection processes, Organization, Monitoring, Risk assessment techniques

Global vision of terms in relationship with AI Act

Data collection processes: Art. 10, 2(b); Monitoring: Art. 1, 2(f) - Art. 3, (19) - Art. 3, (25) - Art. 3, (47) - Art. 3, (53) - Art. 9, 2(a) - Art. 12, 2(c) - Art. 12, 2(c) - Art. 17, 1(h) - Art. 26, 5 - Art. 28, 1 - Art. 28, 2 - Art. 29, 3 - Art. 34, 3 - Art. 58, 1(b) - Art. 59, 1(c) - Art. 66, (o) - CHAPTER IX - SECTION 1 - Art. 72, 1 - Art. 72, 2 - Art. 72, 3 - Art. 72, 4 - Art. 75, 1 - SECTION 5 - Art. 89

OPTIONAL INFORMATION

Name and Surname Affiliation and Qualification LinkedIn ... other

Observations

The data presented have a value for research and not a legal value.

38500 - : 2024 ISO/IEC **Scope/Abstract** 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. **Full text** ISO/IEC 38500:2024 Information technology — Governance of IT for the organization Published (Edition 3, 2024) **Link** <https://www.iso.org/standard/81684.html>

Specification **Governance of IT for the organization**

Terms	WG	Sector	Type	%	Articles of AI Act
Governance	WG 1	<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product			Art. 1, 2(f) - Art. 3, (47) - Art. 10 - Art. 10, 2 - Art. 17, 4 - Art. 18, 3 - Art. 19, 2 - Art. 26, 5 - Art. 26, 6 - Art. 27, 1(f) - Art. 40, 3 - CHAPTER VII - SECTION 1 - Art. 72, 4 - Art. 95, 1 - Art. 112, 2(c) - Art. 112, 12
Management	WG 1	<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product			Art. 3, (49)(b) - Art. 8, 1 - Art. 9 - Art. 9, 1 - Art. 9, 2 - Art. 9, 2(g) - Art. 9, 4 - Art. 9, 5 - Art. 9, 6 - Art. 9, 9 - Art. 9, 10 - Art. 10, 2 - Art. 16, (c) - Art. 17 - Art. 17, 1 - Art. 17, 1(a) - Art. 17, 1(b) - Art. 17, 1(c) - Art. 17, 1(d) - Art. 17, 1(e) - Art. 17, 1(f) - Art. 17, 1(g) - Art. 17, 1(h) - Art. 17, 1(i) - Art. 17, 1(j) - Art. 17, 1(k) - Art. 17, 1(l) - Art. 17, 1(m) - Art. 17, 1(n) - Art. 17, 1(o) - Art. 17, 1(p) - Art. 17, 1(q) - Art. 17, 1(r) - Art. 17, 1(s) - Art. 17, 1(t) - Art. 17, 1(u) - Art. 17, 1(v) - Art. 17, 1(w) - Art. 17, 1(x) - Art. 17, 1(y) - Art. 17, 1(z) - Art. 18, 1(b) - Art. 31, 2 - Art. 31, 5 - Art. 43, 1(b) - Art. 45, 1(a) - Art. 45, 1(b) - Art. 45, 2(a) - Art. 49, 4 - Art. 56, 2(d) - Art. 60, 4(c) - Art. 63, 1 - Art. 74, 8

Global vision of terms
Governance, Management

Global vision of terms in relationship with AI Act
Governance: Art. 1, 2(f) - Art. 3, (47) - Art. 10 - Art. 10, 2 - Art. 17, 4 - Art. 18, 3 - Art. 19, 2 - Art. 26, 5 - Art. 26, 6 - Art. 27, 1(f) - Art. 40, 3 - CHAPTER VII - SECTION 1 - Art. 72, 4 - Art. 95, 1 - Art. 112, 2(c) - Art. 112, 12; Management: Art. 3, (49)(b) - Art. 8, 1 - Art. 9 - Art. 9, 1 - Art. 9, 2 - Art. 9, 2(g) - Art. 9, 4 - Art. 9, 5 - Art. 9, 6 - Art. 9, 9 - Art. 9, 10 - Art. 10, 2 - Art. 16, (c) - Art. 17 - Art. 17, 1 - Art. 17, 1(a) - Art. 17, 1(b) - Art. 17, 1(c) - Art. 17, 1(d) - Art. 17, 1(e) - Art. 17, 1(f) - Art. 17, 1(g) - Art. 17, 1(h) - Art. 17, 1(i) - Art. 17, 1(j) - Art. 17, 1(k) - Art. 17, 1(l) - Art. 17, 1(m) - Art. 17, 1(n) - Art. 17, 1(o) - Art. 17, 1(p) - Art. 17, 1(q) - Art. 17, 1(r) - Art. 17, 1(s) - Art. 17, 1(t) - Art. 17, 1(u) - Art. 17, 1(v) - Art. 17, 1(w) - Art. 17, 1(x) - Art. 17, 1(y) - Art. 17, 1(z) - Art. 18, 1(b) - Art. 31, 2 - Art. 31, 5 - Art. 43, 1(b) - Art. 45, 1(a) - Art. 45, 1(b) - Art. 45, 2(a) - Art. 49, 4 - Art. 56, 2(d) - Art. 60, 4(c) - Art. 63, 1 - Art. 74, 8

OPTIONAL INFORMATION
Name and Surname: Domenico Natale Affiliation and Qualification: UNI CT 504 LinkedIn ... other
Observations:

38507 - : 2022 ISO/IEC **Scope/Abstract** This document provides guidance for members of 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 organizations. **Full text** ISO/IEC 38507:2022 Information Technology — Governance implications of the use of artificial intelligence by organizations Published (Edition 1, 2022) **Link** https://www.iso.org/search.html?PROD_isoorg_en%5Bquery%5D=38507

Specification **Governance implications of the use of AI by organizations**

Terms	WG	Sector	Type	%	Articles of AI Act
Governance	WG 1	<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product			Art. 1, 2(f) - Art. 3, (47) - Art. 10 - Art. 10, 2 - Art. 17, 4 - Art. 18, 3 - Art. 19, 2 - Art. 26, 5 - Art. 26, 6 - Art. 27, 1(f) - Art. 40, 3 - CHAPTER VII - SECTION 1 - Art. 72, 4 - Art. 95, 1 - Art. 112, 2(c) - Art. 112, 12
Artificial intelligence	WG 1	<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product			Art. 1, 1 - Art. 6, 5 - Art. 65 - Art. 65, 1 - Art. 102 - Art. 103 - Art. 104 - Art. 105 - Art. 106 - Art. 107 - Art. 108(1) - Art. 108(7) - Art. 108(2) - Art. 108(3) - Art. 108(4) - Art. 108(5) - Art. 108(6) - Art. 109 - Art. 110
Organization	WG 1	<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product			Art. 1, 1 - Art. 6, 5 - Art. 65 - Art. 65, 1 - Art. 102 - Art. 103 - Art. 104 - Art. 105 - Art. 106 - Art. 107 - Art. 108(1) - Art. 108(7) - Art. 108(2) - Art. 108(3) - Art. 108(4) - Art. 108(5) - Art. 108(6) - Art. 109 - Art. 110
Decision-making	WG 1	<input type="checkbox"/> Semantic <input type="checkbox"/> Governance <input type="checkbox"/> Management <input type="checkbox"/> Product			Art. 6, 3(c) - Art. 86 - Art. 86, 1

Global vision of terms
Organization, Governance, Artificial intelligence, Decision-making

Global vision of terms in relationship with AI Act
Governance: Art. 1, 2(f) - Art. 3, (47) - Art. 10 - Art. 10, 2 - Art. 17, 4 - Art. 18, 3 - Art. 19, 2 - Art. 26, 5 - Art. 26, 6 - Art. 27, 1(f) - Art. 40, 3 - CHAPTER VII - SECTION 1 - Art. 72, 4 - Art. 95, 1 - Art. 112, 2(c) - Art. 112, 12; Artificial intelligence: Art. 1, 1 - Art. 6, 5 - Art. 65 - Art. 65, 1 - Art. 102 - Art. 103 - Art. 104 - Art. 105 - Art. 106 - Art. 107 - Art. 108(1) - Art. 108(7) - Art. 108(2) - Art. 108(3) - Art. 108(4) - Art. 108(5) - Art. 108(6) - Art. 109 - Art. 110; Decision-making: Art. 6, 3(c) - Art. 86 - Art. 86, 1

OPTIONAL INFORMATION
Name and Surname: Domenico Natale Affiliation and Qualification: UNI CT 504 LinkedIn ... other
Observations:

