

Unmatched terms 10
The data presented have a value for research and not a legal value.

ID 136 Acceptability

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|----------|-------|----------------------|---|--------------------------|
| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1.en | <input type="checkbox"/> |
| AI Act | | | | |

ID 137 Access control

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|----------|-------|--|---|--------------------------|
| Standard | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1.en | <input type="checkbox"/> |
| AI Act | | | | |

ID 1 Accessibility

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|-----------------|-------------|--|---|-------------------------------------|
| Standard | 25024 | Measurement of data quality | https://www.iso.org/obp/ui/en/iso:std:iso-iec:25024:ed-1:v1:en | <input checked="" type="checkbox"/> |
| | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input checked="" type="checkbox"/> |
| | 25059 | Quality model for AI System | https://www.iso.org/obp/ui/en/iso:std:iso-iec:25059:ed-1:v1:en | <input checked="" type="checkbox"/> |
| | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/iso:std:iso-iec:25019:ed-1:v1:en | <input checked="" type="checkbox"/> |
| | 25012 | Data quality model | https://www.iso.org/obp/ui/en/iso:std:iso-iec:25012:ed-1:v1:en | <input checked="" type="checkbox"/> |
| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?..._EI_EU_29994D4_en | <input checked="" type="checkbox"/> |
| | Article 005 | Prohibited AI Practices | https://eur-lex.europa.eu/legal-content/EN/TXT/?..._EI_EU_29994D4_en | <input checked="" type="checkbox"/> |
| | Article 071 | EU database for high-risk AI systems listed in Annex III | https://eur-lex.europa.eu/legal-content/EN/TXT/?..._EI_EU_29994D4_en | <input checked="" type="checkbox"/> |

ID 273 Accountability

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|-----------------|-------------|-----------------------------|---|--------------------------|
| Standard | 42001 | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 5339 | Guidance for AI application | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5339:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU_32024H1620 | <input type="checkbox"/> |
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ID 2 Accuracy

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|-----------------|-------------|--|---|-------------------------------------|
| Standard | 25024 | Measurement of data quality | https://www.iso.org/obp/ui/en/iso:std:iso-iec:25024:ed-1:v1:en | <input checked="" type="checkbox"/> |
| | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input checked="" type="checkbox"/> |
| | 25012 | Data quality model | https://www.iso.org/obp/ui/en/iso:std:iso-iec:25012:ed-1:v1:en | <input checked="" type="checkbox"/> |
| | 29119-11 | Guidelines on the testing of AI-based systems (2020) | https://www.iso.org/obp/ui/en/iso:std:iso-iec:tr:29119:-11:ed-1:v1:en | <input checked="" type="checkbox"/> |
| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EY-33021D1820 | <input checked="" type="checkbox"/> |
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ID 92 **Acquisition**

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|----------|-------|-------------------|---|--------------------------|
| Standard | 42001 | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |

ID 83 Aggregation

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|-----------------|---|
| Standard | |
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| AI Act | Article 010 Data and data governance https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FX-32N24R1&g <input type="checkbox"/> |
| | Article 005 Prohibited AI Practices https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FX-32N24R1&g <input checked="" type="checkbox"/> |
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ID 296 **AI application**

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ID 264 AI Ecosystem

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ID 230 AI literacy

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| Standard | |
| AI Act | Article 004 AI literacy https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EY-32021D1680 <input type="checkbox"/> |

ID 3 AI models

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|-----------------|-------------|-----------------------------|---|--------------------------|
| Standard | 25059 | Quality model for AI System | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-2020-01-01&topicId=32024R1689 | <input type="checkbox"/> |
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ID 4 AI systems

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|-----------------|-------------|--|---|--------------------------|
| Standard | 25059 | Quality model for AI System | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
| | 5338 | AI System life cycle process | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5338:ed-1:v1:en | <input type="checkbox"/> |
| | 24030 | Use cases | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24030:ed-2:v1:en | <input type="checkbox"/> |
| | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| | 6254 | Objective and approaches for explainability and interpretability of ML models and AI systems | https://www.iso.org/standard/82148.html | <input type="checkbox"/> |
| AI Act | Article 003 | Definitions | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024R1689 | <input type="checkbox"/> |
| | Article 002 | Scope | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024R1689 | <input type="checkbox"/> |
| | Article 004 | AI literacy | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024R1689 | <input type="checkbox"/> |
| | Article 006 | Classification rules for high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024R1689 | <input type="checkbox"/> |
| | Article 007 | Amendment. to Annex III | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024R1689 | <input type="checkbox"/> |

ID 265 Algorithm

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|-----------------|----------|--|---|--------------------------|
| Standard | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| | 29119-11 | Guidelines on the testing of AI-based systems (2020) | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:29119-11:ed-1:v1:en | <input type="checkbox"/> |
| | 9868 | Biometric identification systems involving passive capture | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:9868:dis:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 164 Analytics

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|-----------------|--------|-----------------------------------|---|--------------------------|
| Standard | 5259-1 | Overview, terminology and example | https://www.iso.org/standard/81088.html | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 5 Annotation

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|-----------------|-------------|-----------------------------|---|--------------------------|
| Standard | 25059 | Quality model for AI System | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024R1689 | <input type="checkbox"/> |
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Unmatched terms 10
The data presented have a value for research and not a legal value.

Applicable, as regards the persons or groups

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Appropriate confidentiality

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Appropriate measures to detect, prevent and mitigate possible biases identified

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Appropriate statistical properties

1

Architecture

24029-2 Assessment of the robustness of neural networks - Part 2 Methodology for the use of formal methods https://www.iso.org/obp/ui/en/#iso:std:iso-iec:24029:-2;ed-1:v1.en

ID 194 Artificial intelligence

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|-----------------|-------------|---|---|--------------------------|
| Standard | 24029-1 | Assessment of the robustness of neural networks - Part 1 Overview | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24029-1:ed-1:v1:en | <input type="checkbox"/> |
| | 22989 | Artificial intelligence concepts and terminology | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:22989:ed-1:v1:en | <input type="checkbox"/> |
| | 24030 | Use cases | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24030:ed-2:v1:en | <input type="checkbox"/> |
| | 38507 | Governance implications of the use of AI by organizations | https://www.iso.org/search.html?PROD_isoorg_en%5Bquery%5D=38507 | <input type="checkbox"/> |
| | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | Article 003 | Definitions | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EY-32024R1&so | <input type="checkbox"/> |
| | Article 001 | Subject matter | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EY-32024R1&so | <input type="checkbox"/> |
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ID 195 Artificial neural network

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|-----------------|---------|---|---|--------------------------|
| Standard | 24029-1 | Assessment of the robustness of neural networks - Part 1 Overview | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24029-1:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 85 Assessment procedures

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| AI Act | | | | |
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ID 286 Assessment

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| Standard | 29119-11 | Guidelines on the testing of AI-based systems (2020) | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:29119-11:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | Article 043 | Conformity assessment | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EY-32024R1&so | <input type="checkbox"/> |
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ID 84 Assessment datasets

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|-----------------|-------------|---------------------------|---|--------------------------|
| Standard | | | | |
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| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EY-32024R1&so | <input type="checkbox"/> |
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ID 77 Assessment of the availability

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|----------|-------------------------------|---|--|--|--|--|
| Standard | | | | | | |
| AI Act | | | | | | |
| ID 138 | <h2>Attack</h2> | | | | | |
| Standard | 27000 | Information security management system - Overview | | | | |
| AI Act | | | | | | |
| ID 172 | <h2>Audit and assessment</h2> | | | | | |
| Standard | 5259-3 | Data quality management requirements and guidelines | | | | |
| AI Act | | | | | | |
| ID 10 | <h2>Auditability</h2> | | | | | |
| Standard | 25024 | Measurement of data quality | | | | |
| | 5259-2 | Data quality measures | | | | |
| | 27000 | Information security management system - Overview | | | | |
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| AI Act | |
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ID 140 Authenticity

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| Standard | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 266 Autonomy

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|-----------------|-------------|--|---|--------------------------|
| Standard | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| | 8200 | Controllability of automated AI systems | https://www.iso.org/standard/83012.html | <input type="checkbox"/> |
| | 29119-11 | Guidelines on the testing of AI-based systems (2020) | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:29119-11:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | Article 007 | Amendment. to Annex III | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 141 Availability

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|-----------------|-------|--------------------|---|--------------------------|
| Standard | 25012 | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 11 Balance

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|-----------------|--------|-----------------------------|---|--------------------------|
| Standard | 25024 | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 12 Benchmark and measurement methodologies

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| Standard | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 126 Beneficialness

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|----------|-------|----------------------|---|--------------------------|
| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 14 Bias

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| Standard | 24027 | Bias in AI systems and AI aided decision making | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24027:ed-1:v1:en | <input type="checkbox"/> |
| | 29119-11 | Guidelines on the testing of AI-based systems (2020) | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:29119-11:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 13 Bias detection and correction

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|----------|-------------|--|---|--------------------------|
| Standard | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
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| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32020D0100 | <input type="checkbox"/> |
| | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32020D0100 | <input type="checkbox"/> |
| | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32020D0100 | <input type="checkbox"/> |
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ID 15 Bias in AI system

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|----------|------|--|---|--------------------------|
| Standard | 9868 | Biometric identification systems involving passive capture | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:9868:dis:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 293 Biometric algorithm

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| Standard | 9868 | Biometric identification systems involving passive capture | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:9868:dis:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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Unmatched terms 10
The data presented have a value for research and not a legal value.

ID 292 Biometric characteristic

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|----------|------|--|---|--------------------------|
| Standard | 9868 | Biometric identification systems involving passive capture | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:9868:dis:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 290 Biometric data

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|----------|-------------|--|---|--------------------------|
| Standard | 9868 | Biometric identification systems involving passive capture | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:9868:dis:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | Article 003 | Definitions | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI:EX-32n24516a2 | <input type="checkbox"/> |
| | Article 005 | Prohibited AI Practices | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI:EX-32n24516a2 | <input type="checkbox"/> |
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ID 291 Biometric identification

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|----------|------|--|---|--------------------------|
| Standard | 9868 | Biometric identification systems involving passive capture | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:9868:dis:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |

ID 198 Bounded domain

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|----------|---------|--|---|--------------------------|
| Standard | 24029-2 | Assessment of the robustness of neural networks - Part 2 Methodology for the use of formal methods | https://www.iso.org/obp/ui/en/iso:std:iso-iec:24029-2:ed-1:v1.en | <input type="checkbox"/> |
| AI Act | | | | |

ID 109 Business requirements

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|----------|------|-----------------|---|--------------------------|
| Standard | 8183 | Data life cycle | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:8183:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |

ID 252 Categorization

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|----------|-------|--|---|--------------------------|
| Standard | 12182 | Framework for categorization of IT systems and software, and guide for applying it | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:12182:ed-2:v1:en | <input type="checkbox"/> |
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ID 16 Characteristics of the data sets may be met at the level of individual data sets or combination

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|----------|-------|---|---|--------------------------|
| Standard | 24027 | Bias in AI systems and AI aided decision making | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24027:ed-1:v1:en | <input type="checkbox"/> |
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ID 17 Characteristics or elements that are particular to the specific geographical, contextual,

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| Standard | | | | |
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ID 253 Classification

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| Standard | 4213 | Assessment of Machine learning classification performance | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:ts:4213:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | Article 006 | Classification rules for high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 80 Cleaning

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|----------|-------------|---------------------------|---|--------------------------|
| Standard | 42001 | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024B1680 | <input type="checkbox"/> |
| | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024B1680 | <input type="checkbox"/> |
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ID 178 Cloud service

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|-----------------|--------|--------------------------------|---|--------------------------|
| Standard | 5259-4 | Data quality process framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259-4:ed-1:v1:en | <input type="checkbox"/> |
| | 5339 | Guidance for AI application | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5339:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 98 Compatibility

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|-----------------|-------|--------------------------------|---|--------------------------|
| Standard | 25059 | Quality model for AI System | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
| | 25010 | SQuaRE - Product quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25010:ed-2:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 105 Competence

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|-----------------|-------|--|---|--------------------------|
| Standard | 42001 | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 19 Complete

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|-----------------|-------------|--------------------------|---|--------------------------|
| Standard | 25012 | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 20 Completeness

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|-----------------|--------|-----------------------------|---|--------------------------|
| Standard | 25024 | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 25012 | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 21 Compliance

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|-----------------|-------------|-----------------------------|---|--------------------------|
| Standard | 25024 | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2 | Data quality measures | https://www.iso.org/standard/61860.html | <input type="checkbox"/> |
| | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 25012 | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FY-32024R168Q | <input type="checkbox"/> |
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ID 147 Compliance with the requirements

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|-----------------|-------------|--|---|--------------------------|
| Standard | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
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| AI Act | Article 008 | Compliance with the requirements | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FY-32024R168Q | <input type="checkbox"/> |
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ID 23 Confidentiality

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|-----------------|-------|--|---|--------------------------|
| Standard | 25024 | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
| | 25012 | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 144 Conformity

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|-----------------|-------------|--|---|--------------------------|
| Standard | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
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| AI Act | Article 003 | Definitions | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FY-32024R168Q | <input type="checkbox"/> |
| | Article 043 | Conformity assessment | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FY-32024R168Q | <input type="checkbox"/> |
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ID 143 Consequence

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|-----------------|-------|--|---|--------------------------|
| Standard | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 25 Consistency

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|-----------------|-------------|-----------------------------------|---|--------------------------|
| Standard | 25024 | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 25012 | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
| | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 114 Context of use

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|-----------------|-------------|-----------------|---|--------------------------|
| Standard | | | | |
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| AI Act | Article 014 | Human oversight | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 95 Controllability

| | | | | |
|-----------------|-------|---|---|--------------------------|
| Standard | 25059 | Quality model for AI System | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
| | 8200 | Controllability of automated AI systems | https://www.iso.org/standard/83012.html | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 278 Controller

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|-----------------|-------------|---|---|--------------------------|
| Standard | 8200 | Controllability of automated AI systems | https://www.iso.org/standard/83012.html | <input type="checkbox"/> |
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| AI Act | Article 014 | Human oversight | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 26 Credibility

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|-----------------|--------|-----------------------------|---|--------------------------|
| Standard | 25024 | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 25012 | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 27 Currentness

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|-----------------|--------|-----------------------------|---|--------------------------|
| Standard | 25024 | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 25012 | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 115 Customer

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|-----------------|-------|----------------------|---|--------------------------|
| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 215 Cybersecurity

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|-----------------|-------------|--|---|--------------------------|
| Standard | 22989 | Artificial intelligence concepts and terminology | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:22989:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 260 Data

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|-----------------|-------------|--|---|--------------------------|
| Standard | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | Article 071 | EU database for high-risk AI systems listed in Annex III | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 106 Data bias

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|-----------------|-------|---|---|--------------------------|
| Standard | 24027 | Bias in AI systems and AI aided decision making | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24027:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 29 Data collection processes

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|----------|-------------|--|---|--------------------------|
| Standard | 5259-1 | Overview, terminology and example | https://www.iso.org/standard/81088.html | <input type="checkbox"/> |
| | 31010 | Risk assessment techniques | https://www.iso.org/obp/ui/en/#iso:std:iec:31010:ed-2:v1:en | <input type="checkbox"/> |
| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EY-2020-01-B1680 | <input type="checkbox"/> |
| | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EY-2020-01-B1680 | <input type="checkbox"/> |

ID 185 Data decommissioning

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|----------|--------|--------------------------------|---|--------------------------|
| Standard | 5259-4 | Data quality process framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259-4:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 174 Data format

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|----------|--------|---|---|--------------------------|
| Standard | 5259-3 | Data quality management requirements and guidelines | https://www.iso.org/standard/81092.html | <input type="checkbox"/> |
| | 8000-1 | Overview | https://www.iso.org/obp/ui/en/#iso:std:iso:8000-1:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 166 Data governance

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|----------|--------|-----------------------------------|---|--------------------------|
| Standard | 5259-1 | Overview, terminology and example | https://www.iso.org/standard/81088.html | <input type="checkbox"/> |
| | 5259-5 | Data quality governance framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259-5:dis:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | 8000-1 | Overview | https://www.iso.org/obp/ui/en/#iso:std:iso:8000-1:ed-1:v1:en | <input type="checkbox"/> |
| | | | | |

ID 22 Data holder

| | | | | |
|----------|-------------|---------------------------|---|--------------------------|
| Standard | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | | | | |
| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EY-2020-01-B1680 | <input type="checkbox"/> |
| | | | | |

ID 183 Data labelling

| | | | | |
|-----------------|--------|--------------------------------|---|--------------------------|
| Standard | 5259-4 | Data quality process framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259-4:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 30 Data life cycle

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|-----------------|-------------|-----------------------------------|---|--------------------------|
| Standard | 8183 | Data life cycle | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:8183:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-1 | Overview, terminology and example | https://www.iso.org/standard/81088.html | <input type="checkbox"/> |
| | 5259-4 | Data quality process framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259-4:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 31 Data processed are secured, protected, subject to suitable safeguards, including strict controls

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|-----------------|------|-----------------|---|--------------------------|
| Standard | 8183 | Data life cycle | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:8183:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 167 Data provenance

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|-----------------|--------|-----------------------------------|---|--------------------------|
| Standard | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 5259-1 | Overview, terminology and example | https://www.iso.org/standard/81088.html | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 116 Data quality

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|-----------------|-------------|-----------------------------------|---|--------------------------|
| Standard | 5259-1 | Overview, terminology and example | https://www.iso.org/standard/81088.html | <input type="checkbox"/> |
| | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 25012 | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
| | 8000-1 | Overviw | https://www.iso.org/obp/ui/en/#iso:std:iso:8000-1:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 184 Data quality assessment

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|----------|--------|--------------------------------|---|--------------------------|
| Standard | 5259-4 | Data quality process framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259-4:ed-1:v1:en | <input type="checkbox"/> |
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ID 169 Data quality culture

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|----------|--------|---|---|--------------------------|
| Standard | 5259-3 | Data quality management requirements and guidelines | https://www.iso.org/standard/81092.html | <input type="checkbox"/> |
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ID 165 Data quality management

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|----------|--------|---|---|--------------------------|
| Standard | 5259-1 | Overview, terminology and example | https://www.iso.org/standard/81088.html | <input type="checkbox"/> |
| | 5259-3 | Data quality management requirements and guidelines | https://www.iso.org/standard/81092.html | <input type="checkbox"/> |
| | 8000-1 | Overviw | https://www.iso.org/obp/ui/en/#iso:std:iso:8000-1:ed-1:v1:en | <input type="checkbox"/> |
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ID 171 Data quality management lifecycle

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|----------|--------|---|---|--------------------------|
| Standard | 5259-3 | Data quality management requirements and guidelines | https://www.iso.org/standard/81092.html | <input type="checkbox"/> |
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ID 163 Data quality model

| | | | | |
|----------|--------|-----------------------------------|---|--------------------------|
| Standard | 5259-1 | Overview, terminology and example | https://www.iso.org/standard/81088.html | <input type="checkbox"/> |
| | 25012 | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
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ID 168 Data quality plan

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|----------|--------|---|---|--------------------------|
| Standard | 5259-3 | Data quality management requirements and guidelines | https://www.iso.org/standard/81092.html | <input type="checkbox"/> |
| AI Act | | | | |

ID 180 Data quality process principles

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|----------|--------|--------------------------------|---|--------------------------|
| Standard | 5259-4 | Data quality process framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259:-4:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |

ID 181 Data quality process validation

| | | | | |
|----------|--------|--------------------------------|---|--------------------------|
| Standard | 5259-4 | Data quality process framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259:-4:ed-1:v1:en | <input type="checkbox"/> |
| All Act | | | | |

ID 28 Data quality reporting

| | | | | |
|----------|-------------|--|---|-------------------------------------|
| Standard | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input checked="" type="checkbox"/> |
| | 22989 | Artificial intelligence concepts and terminology | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:22989:ed-1:v1:en | <input checked="" type="checkbox"/> |
| <hr/> | | | | |
| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32022R1680 | <input checked="" type="checkbox"/> |
| <hr/> | | | | |

ID 186 Data quality risk management

| | | | | |
|----------|--------|-----------------------------------|---|--------------------------|
| Standard | 5259-5 | Data quality governance framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259-5:dis:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 182 Data requirements

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|----------|--------|--------------------------------|---|--------------------------|
| Standard | 5259-4 | Data quality process framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259-4:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |

ID 32 Data set measure for bias

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|----------|--------|-----------------------|---|--------------------------|
| Standard | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
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ID 162 Data user

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|----------|--------|-----------------------------------|---|--------------------------|
| Standard | 5259-1 | Overview, terminology and example | https://www.iso.org/standard/81088.html | <input type="checkbox"/> |
| All Act | | | | |

ID 33 Data-preparation processing

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| Standard | |
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| AI Act | Article 010 Data and data governance |
| | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1680 |
| | <input type="checkbox"/> |
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ID 103 Datasets

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|----------|--------|-----------------------|---|--------------------------|
| Standard | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
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ID 256 Decision-making

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|----------|-------------|---|---|--------------------------|
| Standard | 38507 | Governance implications of the use of AI by organizations | https://www.iso.org/search.html?PROD_isoorg_en%5Bquery%20%3D%20Decision-making | <input type="checkbox"/> |
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| AI Act | Article 006 | Classification rules for high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32021R1680 | <input type="checkbox"/> |
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ID 94 Decommissioning

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|----------|------|-----------------|---|--------------------------|
| Standard | 8183 | Data life cycle | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:8183:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 283 Deep learning

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|----------|----------|--|---|--------------------------|
| Standard | 29119-11 | Guidelines on the testing of AI-based systems (2020) | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:29119-11:ed-1:v1:en | <input type="checkbox"/> |
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ID 217 Democracy

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|----------|-------------|----------------|---|--------------------------|
| Standard | | | | |
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| AI Act | Article 001 | Subject matter | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1680 | <input type="checkbox"/> |
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ID 223 Deployers

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|----------|-------------|-------------|---|--------------------------|
| Standard | | | | |
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| AI Act | Article 003 | Definitions | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1680 | <input type="checkbox"/> |
| | Article 002 | Scope | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1680 | <input type="checkbox"/> |
| | Article 004 | AI literacy | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1680 | <input type="checkbox"/> |
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ID 34 Design

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|-----------------|-------------|---|---|--------------------------|
| Standard | 24027 | Bias in AI systems and AI aided decision making | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24027:ed-1:v1:en | <input type="checkbox"/> |
| | 23894 | Guidance on risk management | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:23894:ed-1:v1:en | <input type="checkbox"/> |
| | 82079-1 | IEC Part 1: principles and general requirements | https://www.iso.org/obp/ui/en/#iso:std:iec-ieee:82079:-1:ed-2:v1:en,fr | <input type="checkbox"/> |
| | 26514 | Design and development of information for users | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:26514:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-2020-01-B1&so | <input type="checkbox"/> |
| | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-2020-01-B1&so | <input type="checkbox"/> |

ID 125 Direct user

| | | | | |
|-----------------|-------|----------------------|---|--------------------------|
| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 288 Disability

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|-----------------|-------------|---|---|--------------------------|
| Standard | | | | |
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| AI Act | Article 005 | Prohibited AI Practices | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-2020-01-B1&so | <input type="checkbox"/> |
| | Article 060 | Testing of high-risk AI system in real world conditions outside AI regulatory sandbox | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-2020-01-B1&so | <input type="checkbox"/> |
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ID 36 Diversity

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|-----------------|--------|-----------------------|---|--------------------------|
| Standard | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 247 Documentation

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|-----------------|-------------|--|---|--------------------------|
| Standard | 82079-1 | IEC Part 1: principles and general requirements | https://www.iso.org/obp/ui/en/#iso:std:iec-ieee:82079:-1:ed-2:v1:en,fr | <input type="checkbox"/> |
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| AI Act | Article 072 | Post-market monitoring by providers and post-market monitoring plan for high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-2020-01-B1&so | <input type="checkbox"/> |
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ID 37 Documentation of the access, to avoid misuse and ensure that only authorised persons

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|----------|--------|-----------------------|---|--------------------------|
| Standard | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
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ID 145 Documented information

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|----------|-------------|--|---|--------------------------|
| Standard | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
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| AI Act | Article 009 | Risk management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FY-32024R1689 | <input type="checkbox"/> |
| | Article 011 | Technical documentation | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FY-32024R1690 | <input type="checkbox"/> |
| | Article 072 | Post-market monitoring by providers and post-market monitoring plan for high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FY-32024R1691 | <input type="checkbox"/> |
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ID 197 Domain

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|----------|---------|--|---|--------------------------|
| Standard | 24029-2 | Assessment of the robustness of neural networks - Part 2 Methodology for the use of formal | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:24029-2:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 129 Economic risk

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|----------|-------|---|---|--------------------------|
| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 25058 | Guidance for quality evaluation of AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:ts:25058:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 232 Education

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|----------|-------------|-------------|---|--------------------------|
| Standard | | | | |
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| AI Act | Article 004 | AI literacy | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FY-32024R1690 | <input type="checkbox"/> |
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ID 38 Effectiveness

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|----------|--------|-----------------------|---|--------------------------|
| Standard | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
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ID 39 Efficiency

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|----------|--------|-----------------------------------|---|--------------------------|
| Standard | 25024 | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 25012 | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
| | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 40 Eliminate or reduce biased output

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|----------|-------|-----------------------------|---|--------------------------|
| Standard | 25024 | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 82 Enrichment

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|----------|-------------|--------------------------|---|--------------------------|
| Standard | | | | |
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| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 | <input type="checkbox"/> |
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ID 218 Environmental protection

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|----------|-------------|----------------|---|--------------------------|
| Standard | | | | |
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| AI Act | Article 001 | Subject matter | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32022R1220 | <input type="checkbox"/> |
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ID 130 Environmental risk

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| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 25058 | Guidance for quality evaluation of AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:ts:25058:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 188 Establish enabling environment for data quality governance

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|-----------------|--------|-----------------------------------|---|--------------------------|
| Standard | 5259-5 | Data quality governance framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259-5:dis:ed-1:v1:en | <input type="checkbox"/> |
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ID 249 Ethical concerns

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| Standard | 24368 | Overview of ethical and societal concerns | https://www.iso.org/standard/78507.html | <input type="checkbox"/> |
| | 22443 | Guidance on addressing societal concerns and ethical considerations | https://www.iso.org/standard/87119.html | <input type="checkbox"/> |
| AI Act | | | | |
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ID 251 Ethical framework

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|-----------------|-------|---|---|--------------------------|
| Standard | 24368 | Overview of ethical and societal concerns | https://www.iso.org/standard/78507.html | <input type="checkbox"/> |
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ID 287 Ethical review

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| Standard | | | | |
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| AI Act | Article 060 | Testing of high-risk AI system in real world conditions outside AI regulatory sandbox | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32021R0200 | <input type="checkbox"/> |
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ID 90 Evaluation

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|-----------------|-------|--|---|--------------------------|
| Standard | 42001 | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 23894 | Guidance on risk management | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:23894:ed-1:v1:en | <input type="checkbox"/> |
| | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
| | 25058 | Guidance for quality evaluation of AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-lects:25058:ed-1:v1:en | <input type="checkbox"/> |

AI Act

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ID 41 Examination of biases, health and safety of persons

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|-----------------|-------------|--|---|--------------------------|
| Standard | | | | |
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| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 134 Experience

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|-----------------|-------------|----------------------|---|--------------------------|
| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | Article 004 | AI literacy | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 244 Explainability

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|-----------------|----------|--|---|--------------------------|
| Standard | 5469 | TR Functional safety and AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:5469:ed-1:v1:en | <input type="checkbox"/> |
| | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| | 6254 | Objective and approaches for explainability and interpretability of ML models and AI systems | https://www.iso.org/standard/82148.html | <input type="checkbox"/> |
| | 29119-11 | Guidelines on the testing of AI-based systems (2020) | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:29119-11:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 213 Flexibility

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|-----------------|-------|--------------------------------|---|--------------------------|
| Standard | 25010 | SQuaRE - Product quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25010:ed-2:v1:en | <input type="checkbox"/> |
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ID 282 Formal method

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| Standard | 17847 | Verification and validation Analysis of AI systems | https://www.iso.org/standard/85072.html | <input type="checkbox"/> |
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ID 42 Formulation of assumptions (information that the data are supposed to measure)

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| Standard | | | | <input type="checkbox"/> |
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| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 43 Free of errors

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|----------|-------------|--------------------------|---|--------------------------|
| Standard | | | | <input type="checkbox"/> |
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| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 128 Freedom from risk

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|----------|----------|--|---|--------------------------|
| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 29119-11 | Guidelines on the testing of AI-based systems (2020) | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:29119-11:ed-1:v1:en | <input type="checkbox"/> |
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ID 78 Functional adaptability

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|----------|-------|---|---|--------------------------|
| Standard | 25059 | Quality model for AI System | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
| | 25058 | Guidance for quality evaluation of AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:ts:25058:ed-1:v1:en | <input type="checkbox"/> |
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ID 280 Functional appropriateness

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|----------|-------|---|---|--------------------------|
| Standard | 25058 | Guidance for quality evaluation of AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:ts:25058:ed-1:v1:en | <input type="checkbox"/> |
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ID 279 Functional completeness

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| Standard | 25058 | Guidance for quality evaluation of AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:ts:25058:ed-1:v1:en | <input type="checkbox"/> |
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ID 51 Functional correctness

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|----------|-------|---|---|--------------------------|
| Standard | 24027 | Bias in AI systems and AI aided decision making | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24027:ed-1:v1:en | <input type="checkbox"/> |
| | 25058 | Guidance for quality evaluation of AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:ts:25058:ed-1:v1:en | <input type="checkbox"/> |
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ID 275 Functional safety

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| Standard | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| | 8200 | Controllability of automated AI systems | https://www.iso.org/standard/83012.html | <input type="checkbox"/> |
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ID 104 Functional setting

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ID 207 Functional suitability

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| Standard | 25010 | SQuaRE - Product quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25010:ed-2:v1:en | <input type="checkbox"/> |
| | 25058 | Guidance for quality evaluation of AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:ts:25058:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 209 Fundamental rights

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| Standard | | | | |
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| AI Act | Article 001 | Subject matter | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FY-32024R1689 | <input type="checkbox"/> |
| | Article 006 | Classification rules for high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FY-32024R1689&fromDocument=1 | <input type="checkbox"/> |
| | Article 007 | Amendment. to Annex III | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FY-32024R1689 | <input type="checkbox"/> |
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ID 44 Fundamental rights or lead to discrimination prohibited under Union law

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|-----------------|-------------|--------------------------|---|--------------------------|
| Standard | | | | |
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| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FY-32024R1689 | <input type="checkbox"/> |
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ID 111 Governance

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|-----------------|-------------|---|---|--------------------------|
| Standard | 8183 | Data life cycle | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:8183:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-5 | Data quality governance framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259:-5:dis:ed-1:v1:en | <input type="checkbox"/> |
| | 38500 | Governance of IT for the organization | https://www.iso.org/standard/81684.html | <input type="checkbox"/> |
| | 38507 | Governance implications of the use of AI by organizations | https://www.iso.org/search.html?PROD_isoorg_en%5Bquery%5D=38507 | <input type="checkbox"/> |
| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FY-32024R1689 | <input type="checkbox"/> |
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ID 146 Governance of information security

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|-----------------|--------|--|---|--------------------------|
| Standard | 5259-5 | Data quality governance framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259:-5:dis:ed-1:v1:en | <input type="checkbox"/> |
| | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 148 Governing body

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| Standard | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1.en | <input type="checkbox"/> |
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ID 220 Harmful effects

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| Standard | | | | |
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| AI Act | Article 001 | Subject matter | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 212 Health

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|----------|-------------|---|---|--------------------------|
| Standard | | | | |
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| AI Act | Article 001 | Subject matter | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
| | Article 006 | Classification rules for high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
| | Article 007 | Amendment. to Annex III | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
| | Article 043 | Conformity assessment | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
| | Article 014 | Human oversight | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |

ID 132 Health risk

| | | | | |
|----------|-------|---|---|--------------------------|
| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 25058 | Guidance for quality evaluation of AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:ts:25058:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 173 Horizontal aspects

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|----------|--------|---|---|--------------------------|
| Standard | 5259-3 | Data quality management requirements and guidelines | https://www.iso.org/standard/81092.html | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 45 How to measure, metrology

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| Standard | | | |
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| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 |
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ID 46 HR AI Systems

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|-----------------|-------------|--|---|
| Standard | | | |
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| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 |
| | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 |
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ID 221 HR High-risk

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| Standard | | | |
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| AI Act | | | |
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ID 267 Human Factor

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| Standard | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en |
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| AI Act | | | |
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ID 133 Human life risk

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| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en |
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| AI Act | | | |
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ID 190 Human resource management process

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|----------|------|------------------------------|---|--------------------------|
| Standard | 5338 | AI System life cycle process | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5338:ed-1:v1:en | <input type="checkbox"/> |
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ID 216 Human-centric

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|----------|-------------|----------------|---|--------------------------|
| Standard | | | | |
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| AI Act | Article 001 | Subject matter | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 24 Identifiability

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|----------|-------------|---------------------------|---|--------------------------|
| Standard | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
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| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 226 Importers

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|----------|-------------|-------------|---|--------------------------|
| Standard | | | | |
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| AI Act | Article 003 | Definitions | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
| | Article 002 | Scope | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 91 Improvement

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|----------|-------|--|---|--------------------------|
| Standard | 42001 | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 23894 | Guidance on risk management | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:23894:ed-1:v1:en | <input type="checkbox"/> |
| | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 241 Incident

Standard

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AI Act

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| Article 073 | Reporting of serious incidents | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32020L0073 | <input checked="" type="checkbox"/> |
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ID 262 Industrial data

Standard

| | | | |
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| 8000-1 | Overview | https://www.iso.org/obp/ui/en/#iso:std:iso:8000-1:ed-1:v1:en | <input checked="" type="checkbox"/> |
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AI Act

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ID 268 Information

Standard

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| 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input checked="" type="checkbox"/> |
| 26514 | Design and development of information for users | https://www.iso.org/obp/ui/en/#iso:std:iso-iec-ieee:26514:ed-1:v1:en | <input checked="" type="checkbox"/> |
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AI Act

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ID 248 Information quality

Standard

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| 82079-1 | IEC Part 1: principles and general requirements | https://www.iso.org/obp/ui/en/#iso:std:iec-ieee:82079-1:ed-2:v1:en,fr | <input checked="" type="checkbox"/> |
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AI Act

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ID 149 Information security

Standard

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| 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input checked="" type="checkbox"/> |
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AI Act

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ID 117 Information system

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|-----------------|-------|--|---|--------------------------|
| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 219 Innovation

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|-----------------|-------------|----------------|---|--------------------------|
| Standard | | | | |
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| AI Act | Article 001 | Subject matter | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 210 Interaction capability

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|-----------------|-------|--------------------------------|---|--------------------------|
| Standard | 25010 | SQuaRE - Product quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25010:ed-2:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 47 Interaction with natural person or other systems

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|-----------------|-------------|--|---|--------------------------|
| Standard | | | | |
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| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 150 Internal context

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|-----------------|-------|--|---|--------------------------|
| Standard | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
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ID 276 Interpretability

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|-----------------|------------------|--|--|--------------------------|
| Standard | 6254 29119-11 | Objective and approaches for explainability and interpretability of ML models and AI systems Guidelines on the testing of AI-based systems (2020) | https://www.iso.org/standard/82148.html https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:29119-11:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 257 IT system

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|-----------------|-------|--|---|--------------------------|
| Standard | 12182 | Framework for categorization of IT systems and software, and guide for applying it | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:12182:ed-2:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 231 Knowledge

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|-----------------|-------------|--|---|--------------------------|
| Standard | 22989 | Artificial intelligence concepts and terminology | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:22989:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | Article 004 | AI literacy | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32020L0004 | <input type="checkbox"/> |
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ID 189 Knowledge acquisition

| | | | | |
|-----------------|------|------------------------------|---|--------------------------|
| Standard | 5338 | AI System life cycle process | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5338:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 192 Knowledge management process

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|-----------------|------|------------------------------|---|--------------------------|
| Standard | 5338 | AI System life cycle process | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5338:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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The data presented have a value for research and not a legal value.

ID 102 Labelling

| Standard | | | | |
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| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024B1680 | <input type="checkbox"/> |
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ID 86 Leadership

| Standard | 42001 | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
|----------|-------------|-----------------------------|---|--------------------------|
| | 23894 | Guidance on risk management | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:23894:ed-1:v1:en | <input type="checkbox"/> |
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| | | | | |
| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024B1680 | <input type="checkbox"/> |
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ID 48 Level declaration & instruction of use

| Standard | | | | |
|----------|-------------|--|---|--------------------------|
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| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024B1680 | <input type="checkbox"/> |
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ID 151 Level of risk

| Standard | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 49 Lifecycle

| Standard | 24027 | Bias in AI systems and AI aided decision making | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24027:ed-1:v1:en | <input type="checkbox"/> |
|----------|-------------|---|---|--------------------------|
| | 5338 | AI System life cycle process | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5338:ed-1:v1:en | <input type="checkbox"/> |
| | 17847 | Verification and validation Analysis of AI systems | https://www.iso.org/standard/85072.html | <input type="checkbox"/> |
| | 22443 | Guidance on addressing societal concerns and ethical considerations | https://www.iso.org/standard/87119.html | <input type="checkbox"/> |
| | 5339 | Guidance for AI application | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5339:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024B1680 | <input type="checkbox"/> |
| | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024B1680 | <input type="checkbox"/> |
| | Article 009 | Risk management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024B1680 | <input type="checkbox"/> |
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ID 234 Literacy

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|----------|-------------|-------------|--|
| Standard | | | |
| AI Act | Article 004 | AI literacy | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 <input type="checkbox"/> |
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ID 224 Located in a third country with output used in the Union

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|----------|-------------|-------|--|
| Standard | | | |
| AI Act | Article 002 | Scope | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 <input type="checkbox"/> |
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ID 225 Located in the Union

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|----------|-------------|-------|--|
| Standard | | | |
| AI Act | Article 002 | Scope | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 <input type="checkbox"/> |
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ID 228 Location

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|----------|-------------|-------|--|
| Standard | | | |
| AI Act | Article 002 | Scope | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 <input type="checkbox"/> |
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ID 245 Logging

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|----------|-------------|-------------------|--|
| Standard | 24970 | AI system logging | https://www.iso.org/standard/88723.html <input type="checkbox"/> |
| AI Act | Article 012 | Record keeping | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 <input type="checkbox"/> |
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ID 269 Machine learning

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|-----------------|-------|---|---|--------------------------|
| Standard | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| | 4213 | Assessment of Machine learning classification performance | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:ts:4213:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 99 Maintainability

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|-----------------|-------|--------------------------------|---|--------------------------|
| Standard | 25010 | SQuaRE - Product quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25010:ed-2:v1:en | <input type="checkbox"/> |
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ID 193 Maintenance process

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|-----------------|------|------------------------------|---|--------------------------|
| Standard | 5338 | AI System life cycle process | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5338:ed-1:v1:en | <input type="checkbox"/> |
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ID 170 Management

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|-----------------|-------------|--|---|--------------------------|
| Standard | 5259-3 | Data quality management requirements and guidelines | https://www.iso.org/standard/81092.html | <input type="checkbox"/> |
| | 14971 | Application of risk management to medical devices | https://www.iso.org/obp/ui/en/#iso:std:iso:14971:ed-3:v1:en | <input type="checkbox"/> |
| | 38500 | Governance of IT for the organization | https://www.iso.org/standard/81684.html | <input type="checkbox"/> |
| | 9868 | Biometric identification systems involving passive capture | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:9868:dis:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | Article 043 | Conformity assessment | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 152 Management system

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|-----------------|-------|--|---|--------------------------|
| Standard | 42001 | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 176 Management system integration

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| Standard | 5259-3 | Data quality management requirements and guidelines | https://www.iso.org/standard/81092.html | <input type="checkbox"/> |
| AI Act | | | | |
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ID 175 Managing of data quality dependencies

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|-----------------|--------|---|---|--------------------------|
| Standard | 5259-3 | Data quality management requirements and guidelines | https://www.iso.org/standard/81092.html | <input type="checkbox"/> |
| AI Act | | | | |
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ID 239 Market for medical or safety reasons

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|-----------------|-------------|---|---|--------------------------|
| Standard | 14971 | Application of risk management to medical devices | https://www.iso.org/obp/ui/en/#iso:std:iso:14971:ed-3:v1:en | <input type="checkbox"/> |
| AI Act | Article 005 | Prohibited AI Practices | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU_2021_0005&icon | <input type="checkbox"/> |
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ID 261 Master data

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|-----------------|--------|----------|---|--------------------------|
| Standard | 8000-1 | Overview | https://www.iso.org/obp/ui/en/#iso:std:iso:8000-1:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 153 Measurement

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|-----------------|-------------|--|---|--------------------------|
| Standard | 5259-1 | Overview, terminology and example | https://www.iso.org/standard/81088.html | <input type="checkbox"/> |
| | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
| AI Act | Article 009 | Risk management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU_2021_0009&icon | <input type="checkbox"/> |
| | | | | |
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ID 50 Measurement and method

| | | | | |
|----------|-------------|--|---|--------------------------|
| Standard | 25024 | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 42001 | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex:32020L0030 | <input type="checkbox"/> |
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ID 285 Metrics

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|----------|----------|--|---|--------------------------|
| Standard | 29119-11 | Guidelines on the testing of AI-based systems (2020) | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:29119-11:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 112 Monitoring

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|----------|-------|--|---|--------------------------|
| Standard | 23894 | Guidance on risk management | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:23894:ed-1:v1:en | <input type="checkbox"/> |
| | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
| | 31010 | Risk assessment techniques | https://www.iso.org/obp/ui/en/#iso:std:iec:31010:ed-2:v1:en,tr | <input type="checkbox"/> |
| AI Act | | | | |
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ID 270 Neural network

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|----------|-------|-----------------------------------|---|--------------------------|
| Standard | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 142 Non-repudiation

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|----------|-------|--|---|--------------------------|
| Standard | 25024 | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 277 Ontology

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|-----------------|------|---|---|--------------------------|
| Standard | 8200 | Controllability of automated AI systems | https://www.iso.org/standard/83012.html | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 89 Operation

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|-----------------|-------|-------------------|---|--------------------------|
| Standard | 42001 | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
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ID 79 Organization

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|-----------------|--------|--|---|--------------------------|
| Standard | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 42001 | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
| | 31010 | Risk assessment techniques | https://www.iso.org/obp/ui/en/#iso:std:iec:31010:ed-2:v1:en,tr | <input type="checkbox"/> |
| AI Act | | | | |
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ID 52 Origin of data

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|-----------------|-------------|--|---|--------------------------|
| Standard | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
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| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
| | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 177 Outsourcing

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|-----------------|--------|--------------------------------|---|--------------------------|
| Standard | 5259-4 | Data quality process framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259-4:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 208 Performance efficiency

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|-----------------|-------|---|---|--------------------------|
| Standard | 25010 | SQuaRE - Product quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25010:ed-2:v1:en | <input type="checkbox"/> |
| | 25058 | Guidance for quality evaluation of AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:ts:25058:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 271 Personal data

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|-----------------|-------------|---|---|--------------------------|
| Standard | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
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| | | | | |
| AI Act | Article 060 | Testing of high-risk AI system in real world conditions outside AI regulatory sandbox | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 53 Personal data are not to be transmitted, transferred or otherwise accessed by other parties

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|-----------------|-------------|--------------------------|---|--------------------------|
| Standard | | | | |
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| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 54 Personal data, the original purpose of the data collection

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| Standard | | | | |
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| AI Act | | | | |
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ID 87 Planning

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|-----------------|-------------|---------------------------|---|--------------------------|
| Standard | 42001 | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 55 Portability

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|----------|--------|-----------------------|---|--------------------------|
| Standard | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 25012 | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 100 Post-market

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|----------|-------------|--|---|--------------------------|
| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | | | | |
| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R168Q | <input type="checkbox"/> |
| | Article 072 | Post-market monitoring by providers and post-market monitoring plan for high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R168Q | <input type="checkbox"/> |
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ID 56 Precision

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|----------|----------|--|---|--------------------------|
| Standard | 25024 | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 25012 | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
| | 29119-11 | Guidelines on the testing of AI-based systems (2020) | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:29119-11:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 93 Preparation

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|----------|------|-----------------|---|--------------------------|
| Standard | 8183 | Data life cycle | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:8183:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 235 Processes

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|----------|--------|--|---|--------------------------|
| Standard | 23894 | Guidance on risk management | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:23894:ed-1:v1:en | <input type="checkbox"/> |
| | 8000-1 | Overview | https://www.iso.org/obp/ui/en/#iso:std:iso:8000-1:ed-1:v1:en | <input type="checkbox"/> |
| | 17847 | Verification and validation Analysis of AI systems | https://www.iso.org/standard/85072.html | <input type="checkbox"/> |
| | 5339 | Guidance for AI application | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5339:ed-1:v1:en | <input type="checkbox"/> |
| | 62304 | Software life cycle processes | https://www.iso.org/obp/ui/en/#iso:std:iec:62304:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 227 Product manufacturers

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|----------|-------------|-------|---|
| Standard | | | |
| AI Act | Article 002 | Scope | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FY-32024R168Q |
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ID 236 Products

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| Standard | 23894 | Guidance on risk management | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:23894:ed-1:v1:en |
| AI Act | Article 006 | Classification rules for high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FY-32024R168Q |
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ID 229 Products covered by Union harmonization legislation

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|----------|-------------|-------|---|
| Standard | | | |
| AI Act | Article 002 | Scope | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FY-32024R168Q |
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ID 222 Providers

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|----------|-------------|-------------|---|
| Standard | | | |
| AI Act | Article 002 | Scope | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FY-32024R168Q |
| | Article 004 | AI literacy | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_FY-32024R168Q |
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ID 259 Quality characteristics

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|----------|-------|--------------------|---|
| Standard | 25012 | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en |
| AI Act | | | |
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ID 57 Quality criteria

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|-----------------|-------------|-----------------------------|---|--------------------------|
| Standard | 25024 | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
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| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 289 Quality management

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|-----------------|-------------|-----------------------|---|--------------------------|
| Standard | | | | |
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| AI Act | Article 043 | Conformity assessment | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 191 Quality management process

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|-----------------|------|------------------------------|---|--------------------------|
| Standard | 5338 | AI System life cycle process | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5338:ed-1:v1:en | <input type="checkbox"/> |
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ID 35 Quality model

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| Standard | 25059 | Quality model for AI System | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
| | 25058 | Guidance for quality evaluation of AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:ts:25058:ed-1:v1:en | <input type="checkbox"/> |
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ID 118 Quality-in-use

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|-----------------|-------|--|---|--------------------------|
| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 12182 | Framework for categorization of IT systems and software, and guide for applying it | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:12182:ed-2:v1:en | <input type="checkbox"/> |
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ID 58 Re-use of the personal data

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|-----------------|-------------|---------------------------|---|
| Standard | | | |
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| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32019R0001&tab=Text |
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ID 59 Recoverability

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|-----------------|--------|-----------------------|---|-------------------------------------|
| Standard | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input checked="" type="checkbox"/> |
| | 25012 | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input checked="" type="checkbox"/> |
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ID 60 Relevance

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| Standard | 25024 | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input checked="" type="checkbox"/> |
| | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input checked="" type="checkbox"/> |
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ID 61 Relevant data gaps or shortcomings that prevent compliance with this Regulation

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|-----------------|--------|-----------------------|---|-------------------------------------|
| Standard | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input checked="" type="checkbox"/> |
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| AI Act | | | | |
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ID 211 Reliability

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|-----------------|-------|--------------------------------|---|-------------------------------------|
| Standard | 25010 | SQuaRE - Product quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25010:ed-2:v1:en | <input checked="" type="checkbox"/> |
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| AI Act | | | | |
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ID 62 Representativeness

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| Standard | | |
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ID 154 Residual risk

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| Standard | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input checked="" type="checkbox"/> |
| | 14971 | Application of risk management to medical devices | https://www.iso.org/obp/ui/en/#iso:std:iso:14971:ed-3:v1:en | <input checked="" type="checkbox"/> |
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| AI Act | Article 009 | Risk management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input checked="" type="checkbox"/> |
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ID 63 Resilience regarding errors, faults, inconsistency

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|----------|--------|-----------------------|---|-------------------------------------|
| Standard | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input checked="" type="checkbox"/> |
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ID 272 Responsibility

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| Standard | | |
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ID 187 Responsibility of governing body

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| Standard | 5259-5 | Data quality governance framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259-5:dis:ed-1:v1:en | <input checked="" type="checkbox"/> |
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ID 119 Risk

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|----------|-------|-----------------------------------|---|--------------------------|
| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 155 Risk acceptance

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|----------|-------|--|---|--------------------------|
| Standard | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
| | 14971 | Application of risk management to medical devices | https://www.iso.org/obp/ui/en/#iso:std:iso:14971:ed-3:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 156 Risk analysis

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| Standard | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
| | 14971 | Application of risk management to medical devices | https://www.iso.org/obp/ui/en/#iso:std:iso:14971:ed-3:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 237 Risk assessment techniques

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|----------|-------|----------------------------|---|--------------------------|
| Standard | 31010 | Risk assessment techniques | https://www.iso.org/obp/ui/en/#iso:std:iec:31010:ed-2:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 157 Risk communication and consultation

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|----------|-------|--|---|--------------------------|
| Standard | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 238 Risk estimation

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|-----------------|-------|---|---|--------------------------|
| Standard | 14971 | Application of risk management to medical devices | https://www.iso.org/obp/ui/en/#iso:std:iso:14971:ed-3:v1:en | <input type="checkbox"/> |
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ID 158 Risk evaluation

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| Standard | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
| | 14971 | Application of risk management to medical devices | https://www.iso.org/obp/ui/en/#iso:std:iso:14971:ed-3:v1:en | <input type="checkbox"/> |
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| AI Act | Article 009 | Risk management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024R168Q | <input type="checkbox"/> |
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ID 242 Risk factors

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|-----------------|------|-------------------------------------|---|--------------------------|
| Standard | 5469 | TR Functional safety and AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:5469:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 263 Risk governance

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| Standard | | | | |
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| AI Act | | | | |
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ID 101 Risk management

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|-----------------|-------------|--|---|--------------------------|
| Standard | 42001 | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-3 | Data quality management requirements and guidelines | https://www.iso.org/standard/81092.html | <input type="checkbox"/> |
| | 23894 | Guidance on risk management | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:23894:ed-1:v1:en | <input type="checkbox"/> |
| | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
| | 24970 | AI system logging | https://www.iso.org/standard/88723.html | <input type="checkbox"/> |
| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024A1680 | <input type="checkbox"/> |
| | Article 009 | Risk management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024A1680 | <input type="checkbox"/> |
| | Article 012 | Record keeping | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024A1680 | <input type="checkbox"/> |
| | Article 006 | Classification rules for high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024A1680 | <input type="checkbox"/> |
| | Article 007 | Amendment. to Annex III | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024A1680 | <input type="checkbox"/> |

ID 159 Risk management process

| | | | | |
|-----------------|----------------|---|--|--------------------------|
| Standard | 27000 14971 | Information security management system - Overview and vocabulary Application of risk management to medical devices | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en https://www.iso.org/obp/ui/en/#iso:std:iso:14971:ed-3:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 160 Risk treatment

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|-----------------|----------------|---|--|--------------------------|
| Standard | 23894 27000 | Guidance on risk management Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:23894:ed-1:v1:en https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 274 Robot

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|-----------------|-------------------|---|--|--------------------------|
| Standard | 24028 29119-11 | Overview of trustworthiness in AI Guidelines on the testing of AI-based systems (2020) | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:29119-11:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |
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ID 18 Robustness

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|-----------------|--------------------|---|--|--------------------------|
| Standard | 24029-1 24029-2 | Assessment of the robustness of neural networks - Part 1 Overview Assessment of the robustness of neural networks - Part 2 Methodology for the use of formal | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24029-1:ed-1:v1:en https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24029-2:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 65 Robustness achieved with redundancy, backup of fail-safe plan

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|-----------------|-------------|--|---|--------------------------|
| Standard | | | | |
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| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 214 Safety

| Standard | 25010 | SQuaRE - Product quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25010:ed-2:v1:en | <input type="checkbox"/> |
|----------|-------------|---|---|--------------------------|
| AI Act | 14971 | Application of risk management to medical devices | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:14971:ed-3:v1:en | <input type="checkbox"/> |
| | 5469 | TR Functional safety and AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:5469:ed-1:v1:en | <input type="checkbox"/> |
| | 24368 | Overview of ethical and societal concerns | https://www.iso.org/standard/78507.html | <input type="checkbox"/> |
| | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | Article 001 | Subject matter | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024R1680 | <input type="checkbox"/> |
| | Article 073 | Reporting of serious incidents | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024R1680 | <input type="checkbox"/> |
| | Article 006 | Classification rules for high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024R1680 | <input type="checkbox"/> |
| | Article 007 | Amendment. to Annex III | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024R1680 | <input type="checkbox"/> |
| | Article 043 | Conformity assessment | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024R1680 | <input type="checkbox"/> |

ID 240 Safety components of devices

| Standard | 14971 | Application of risk management to medical devices | https://www.iso.org/obp/ui/en/#iso:std:iso-14971:ed-3:v1:en | <input type="checkbox"/> |
|----------|-------|---|---|--------------------------|
| AI Act | | | | |
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ID 281 Satisfaction

| Standard | 25058 | Guidance for quality evaluation of AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:ts:25058:ed-1:v1:en | <input type="checkbox"/> |
|----------|-------|---|---|--------------------------|
| AI Act | | | | |
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ID 66 Security

| Standard | 25059 | Quality model for AI System | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
|----------|-------------|--|---|--------------------------|
| AI Act | 25010 | SQuaRE - Product quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25010:ed-2:v1:en | <input type="checkbox"/> |
| | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| | 9868 | Biometric identification systems involving passive capture | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:9868:dis:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024R1680 | <input type="checkbox"/> |
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ID 67 Security and privacy, pseudonymisation

| Standard | | | | |
|----------|-------------|--|---|--------------------------|
| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EU-32024R1680 | <input type="checkbox"/> |
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ID 179 Segmentation

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|----------|--------|--------------------------------|---|--------------------------|
| Standard | 5259-4 | Data quality process framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259-4:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 255 Service

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|----------|-------------|--|---|--------------------------|
| Standard | 12182 | Framework for categorization of IT systems and software, and guide for applying it | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:12182:ed-2:v1:en | <input type="checkbox"/> |
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| AI Act | Article 002 | Scope | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R168Q | <input type="checkbox"/> |
| | Article 006 | Classification rules for high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R168Q | <input type="checkbox"/> |
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ID 68 Similarity

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|----------|--|--|--|--|
| Standard | | | | |
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ID 108 Social responsibility

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|----------|-------|---|---|--------------------------|
| Standard | 24027 | Bias in AI systems and AI aided decision making | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24027:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 250 Societal concerns

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|----------|-------|---|---|--------------------------|
| Standard | 24368 | Overview of ethical and societal concerns | https://www.iso.org/standard/78507.html | <input type="checkbox"/> |
| | 25058 | Guidance for quality evaluation of AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:ts:25058:ed-1:v1:en | <input type="checkbox"/> |
| | 22443 | Guidance on addressing societal concerns and ethical considerations | https://www.iso.org/standard/87119.html | <input type="checkbox"/> |
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| AI Act | | | | |
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Unmatched terms 10
The data presented have a value for research and not a legal value.

ID 131 Societal risk

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|-----------------|-------|---|---|--------------------------|
| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 25058 | Guidance for quality evaluation of AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:ts:25058:ed-1:v1:en | <input type="checkbox"/> |
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ID 120 Society

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|----------|-------|----------------------|---|--------------------------|
| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1.en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 254 Software

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|----------|-------|--|---|--------------------------|
| Standard | 12182 | Framework for categorization of IT systems and software, and guide for applying it | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:12182:ed-2:v1:en | <input type="checkbox"/> |
| AI Act | | | | |

ID 121 Software quality

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|----------|-------|----------------------|---|--------------------------|
| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |

ID 107 Software testing

| | | | | |
|----------|-------|---|---|--------------------------|
| Standard | 24027 | Bias in AI systems and AI aided decision making | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24027:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |

ID 113 Stakeholder

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|-----------------|--------|--|---|--------------------------|
| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 12182 | Framework for categorization of IT systems and software, and guide for applying it | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:12182:ed-2:v1:en | <input type="checkbox"/> |
| | 31000 | Guidelines | https://www.iso.org/obp/ui/en/#iso:std:65694:en | <input type="checkbox"/> |
| | 8000-1 | Overview | https://www.iso.org/obp/ui/en/#iso:std:iso:8000-1:ed-1:v1:en | <input type="checkbox"/> |
| | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |

AI Act

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ID 127 Suitability

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|-----------------|-------|----------------------|---|--------------------------|
| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
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ID 88 Support

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|-----------------|-------|-------------------|---|--------------------------|
| Standard | 8183 | Data life cycle | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:8183:ed-1:v1:en | <input type="checkbox"/> |
| | 42001 | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
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ID 69 Synthetic or anonymised data

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|-----------------|--------|-----------------------|---|--------------------------|
| Standard | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
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ID 122 System

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|-----------------|-------|--|---|--------------------------|
| Standard | 5338 | AI System life cycle process | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5338:ed-1:v1:en | <input type="checkbox"/> |
| | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 12182 | Framework for categorization of IT systems and software, and guide for applying it | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:12182:ed-2:v1:en | <input type="checkbox"/> |
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Unmatched terms 10
The data presented have a value for research and not a legal value.

ID 123 Target entity

| | | | | |
|----------|-------|----------------------|---|--------------------------|
| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1.en | <input type="checkbox"/> |
| AI Act | | | | |

ID 246 Technical documentation

| | | | | |
|----------|-------------|---|---|-------------------------------------|
| Standard | 82079-1 | IEC Part 1: principles and general requirements | https://www.iso.org/obp/ui/en/#iso:std:iec-ieee:82079:-1:ed-2:v1:en,fr | <input checked="" type="checkbox"/> |
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| AI Act | Article 011 | Technical documentation | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI:EX-32n2451689 | <input type="checkbox"/> |
| | Article 043 | Conformity assessment | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI:EX-32n2451689 | <input type="checkbox"/> |
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ID 64 Terms related to AI

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|-----------------|-------|--|---|-------------------------------------|
| Standard | 25059 | Quality model for AI System | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input checked="" type="checkbox"/> |
| | 22989 | Artificial intelligence concepts and terminology | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:22989:ed-1:v1:en | <input checked="" type="checkbox"/> |
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ID 206 Terms related to computer vision

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|----------|-------|--|---|--------------------------|
| Standard | 22989 | Artificial intelligence concepts and terminology | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:22989:ed-1:v1:en | <input type="checkbox"/> |
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ID 201 Terms related to data

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|----------|-------|--|---|--------------------------|
| Standard | 22989 | Artificial intelligence concepts and terminology | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:22989:ed-1:v1.en | <input type="checkbox"/> |
| AI Act | | | | |

ID 202 Terms related to machine learning

Standard 22989 Artificial intelligence concepts and terminology

Standard 22989 Artificial Intelligence concepts and terminology https://www.iso.org/obp/iso/isostd.iso/iec.22989-1.v1.en

ID 205 Terms related to natural language processing

| | | | | |
|----------|-------|--|---|--------------------------|
| Standard | 22989 | Artificial intelligence concepts and terminology | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:22989:ed-1:v1 | <input type="checkbox"/> |
| AI Act | | | | |

ID 203 Terms related to neural networks

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|----------|-------|--|---|--------------------------|
| Standard | 22989 | Artificial intelligence concepts and terminology | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:22989:ed-1:v1 | <input type="checkbox"/> |
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ID 204 Terms related to trustworthiness

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| Standard | 22989 | Artificial intelligence concepts and terminology | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:22989:ed-1:v1:en | <input type="checkbox"/> |
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ID 284 Test data

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|----------|----------|--|---|--------------------------|
| Standard | 29119-11 | Guidelines on the testing of AI-based systems (2020) | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:29119:-11:ed-1:v1:en | <input type="checkbox"/> |
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ID 196 Testing

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|-----------------|-------------|---|---|--------------------------|
| Standard | 24029-1 | Assessment of the robustness of neural networks - Part 1 Overview | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24029-1:ed-1:v1:en | <input type="checkbox"/> |
| | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| | 29119-11 | Guidelines on the testing of AI-based systems (2020) | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:29119-11:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | Article 060 | Testing of high-risk AI system in real world conditions outside AI regulatory sandbox | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32021R1689 | <input type="checkbox"/> |
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ID 70 Testing data sets

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| Standard | | | | |
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| AI Act | Article 074 | Market surveillance and control of AI systems in the Union market | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 71 The personal data in the special categories of personal data are deleted once the bias has been

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|-----------------|-------------|---------------------------|---|--------------------------|
| Standard | | | | |
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| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32020R1689 | <input type="checkbox"/> |
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ID 200 Time series

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|-----------------|---------|--|---|--------------------------|
| Standard | 24029-2 | Assessment of the robustness of neural networks - Part 2 Methodology for the use of formal | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:24029-2:ed-1:v1:en | <input type="checkbox"/> |
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ID 72 Timeliness

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| Standard | | | | |
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ID 73 Traceability

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|-----------------|-------------|-----------------------------|---|--------------------------|
| Standard | 25024 | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 24970 | AI system logging | https://www.iso.org/standard/88723.html | <input type="checkbox"/> |
| | 25012 | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | Article 012 | Record keeping | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 233 Training

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|-----------------|-------------|-----------------------------------|---|--------------------------|
| Standard | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | Article 004 | AI literacy | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 74 Training, validation, testing datasets

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|-----------------|-------------|---|---|--------------------------|
| Standard | 25024 | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 24029-1 | Assessment of the robustness of neural networks - Part 1 Overview | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24029-1:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 243 Transparency

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|-----------------|-------|-------------------------------------|---|--------------------------|
| Standard | 25059 | Quality model for AI System | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
| | 5469 | TR Functional safety and AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:5469:ed-1:v1:en | <input type="checkbox"/> |
| | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 135 Trustworthiness

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| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 96 Trustworthy

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| Standard | | | |
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| AI Act | Article 001 | Subject matter | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EY-2020-01&tab=tab_1 |
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ID 75 Understandability

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| Standard | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input checked="" type="checkbox"/> |
| | 25012 | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input checked="" type="checkbox"/> |
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ID 81 Updating

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| Standard | | | |
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ID 97 Usability

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| Standard | 25059 | Quality model for AI System | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input checked="" type="checkbox"/> |
| | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input checked="" type="checkbox"/> |
| | 25058 | Guidance for quality evaluation of AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:ts:25058:ed-1:v1:en | <input checked="" type="checkbox"/> |
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ID 258 Use-cases

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| Standard | 24030 | Use cases | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24030:ed-2:v1:en | <input checked="" type="checkbox"/> |
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| AI Act | Article 007 | Amendment. to Annex III | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CEI_EY-2020-01&tab=tab_1 | <input checked="" type="checkbox"/> |
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ID 124 User

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| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 26514 | Design and development of information for users | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:26514:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | Article 071 | EU database fo high-risk AI systems listed in Annex III | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 76 Validation

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| Standard | 25024 | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2 | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 22989 | Artificial intelligence concepts and terminology | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:22989:ed-1:v1:en | <input type="checkbox"/> |
| | 24028 | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | Article 074 | Market surveillance and control of AI systems in the Union market | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 294 Verification

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| Standard | 25019 | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | Article 074 | Market surveillance and control of AI systems in the Union market | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 110 Verification and validation

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| Standard | 8183 | Data life cycle | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:8183:ed-1:v1:en | <input type="checkbox"/> |
| | 17847 | Verification and validation Analysis of AI systems | https://www.iso.org/standard/85072.html | <input type="checkbox"/> |
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| AI Act | Article 074 | Market surveillance and control of AI systems in the Union market | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX-32024R1689 | <input type="checkbox"/> |
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ID 161 Vulnerability

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| Standard | 27000 | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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