

ID 136 Acceptability

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|-----------------|---|---|--------------------------|
| Standard | 25019:2023 ISO/IEC 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 137 Access control

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|-----------------|---|---|--------------------------|
| Standard | 27000:2018 ISO/IEC 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 1 Accessibility

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| Standard | 25024:2015 ISO/IEC Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2:2024 ISO/IEC Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 25059:2023 ISO/IEC Quality model for AI Systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
| | 25019:2023 ISO/IEC Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 25012:2008 ISO/IEC 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=CELEX:32024R1860 | <input type="checkbox"/> |
| | Article 005 Prohibited AI Practices | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1860 | <input type="checkbox"/> |
| | Article 071 EU database fo high-risk AI systems listed in Annex III | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1860 | <input type="checkbox"/> |
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ID 273 Accountability

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|-----------------|---|---|--------------------------|
| Standard | 42001:2023 ISO/IEC Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 5339:2024 ISO/IEC 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=CELEX:32024R1860 | <input type="checkbox"/> |
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ID 2 Accuracy

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| Standard | 25024:2015 ISO/IEC Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2:2024 ISO/IEC Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 25012:2008 ISO/IEC Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
| | 29119-11:2020 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 015 Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1860 | <input type="checkbox"/> |
| | Article 013 Transparency and provision of information to developers | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1860 | <input type="checkbox"/> |
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ID 92 **Acquisition**

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| Standard | 42001:2023 ISO/IEC 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 | | | |
| AI Act | Article 010 Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 | <input type="checkbox"/> |
| | Article 005 Prohibited AI Practices | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 | <input type="checkbox"/> |

ID 296 **AI application**

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| Standard | | | |
| AI Act | | | |

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ID 264 **AI Ecosystem**

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| Standard | | | |
| AI Act | | | |

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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=CELEX:32024R1689 | <input type="checkbox"/> |

ID 3 **AI models**

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|----------|---------------------|------------------------------|---|--------------------------|
| Standard | 25059:2023 ISO/IEC | Quality model for AI Systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
| | 25059-1 ISO/IEC AWI | Quality model for AI systems | https://www.iso.org/standard/88234.html | <input type="checkbox"/> |
| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1480 | <input type="checkbox"/> |

ID 322 **AI system lifecycle**

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|----------|--------------------|--|---|--------------------------|
| Standard | 42001:2023 ISO/IEC | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 25223:2024 ISO/IEC | Guidance and requirements for uncertainty quantification in AI systems | https://www.iso.org/standard/89475.html | <input type="checkbox"/> |
| AI Act | | | | |

ID 4 **AI systems**

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|----------|--------------------|--|---|--------------------------|
| Standard | 25059:2023 ISO/IEC | Quality model for AI Systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
| | 5338:2023 ISO/IEC | AI System life cycle processes | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5338:ed-1:v1:en | <input type="checkbox"/> |
| | 24030:2024 ISO/IEC | Use cases | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24030:ed-2:v1:en | <input type="checkbox"/> |
| | 24028:2020 ISO/IEC | 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 ISO/IEC CD TS | 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=CELEX:32024D1480 | <input type="checkbox"/> |
| | Article 002 | Scope | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1480 | <input type="checkbox"/> |
| | Article 004 | AI literacy | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1480 | <input type="checkbox"/> |
| | Article 006 | Classification rules for high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1480 | <input type="checkbox"/> |
| | Article 007 | Amendment. to Annex III | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1480 | <input type="checkbox"/> |

ID 265 **Algorithm**

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|----------|--------------------|--|---|--------------------------|
| Standard | 24028:2020 ISO/IEC | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| | 29119-11:2020 | 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 ISO/IEC DIS | 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"/> |
| | 25223:2024 ISO/IEC | Guidance and requirements for uncertainty quantification in AI systems | https://www.iso.org/standard/89475.html | <input type="checkbox"/> |
| AI Act | | | | |

ID 308 **Algorithmic transparency**

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| Standard | | | | |
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ID 164 **Analitics**

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|-----------------|---|---|--------------------------|
| Standard | 5259-1:2024 ISO/IEC Overview, terminology and example | https://www.iso.org/standard/81088.html | <input type="checkbox"/> |
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ID 5 **Annotation**

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| Standard | 25059:2023 ISO/IEC Quality model for AI Systems | 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=CELEX:32024R1689 | <input type="checkbox"/> |
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ID 6 **Applicable, as regards the persons or groups**

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ID 7 **Appropriate confidentiality**

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ID 8 **Appropriate measures to detect, prevent and mitigate possible biases identified**

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ID 9 **Appropriate statistical properties**

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ID 199 **Architecture**

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| Standard | 24029-2:2023 | 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 194 **Artificial intelligence**

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|----------|--------------------|---|---|--------------------------|
| Standard | 24029-1:2021 | 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"/> |
| | 22989:2022 ISO/IEC | Artificial intelligence concepts and terminology | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:22989:ed-1:v1:en | <input type="checkbox"/> |
| | 24030:2024 ISO/IEC | Use cases | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24030:ed-2:v1:en | <input type="checkbox"/> |
| | 38507:2022 ISO/IEC | Governance implications of the use of AI by organizations | https://www.iso.org/search.html?PROD_isoorg_en%5Bquery%5D=38507 | <input type="checkbox"/> |
| | 24028:2020 ISO/IEC | 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=CELEX:32024D140n | <input type="checkbox"/> |
| | Article 001 | Subject matter | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D140n | <input type="checkbox"/> |
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ID 195 **Artificial neural network**

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|----------|--------------|---|---|--------------------------|
| Standard | 24029-1:2021 | 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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ID 85 **Assessment procedures**

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ID 286 **Assessment**

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| Standard | 4213:2022 ISO/IEC | 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"/> |
| | 29119-11:2020 | 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"/> |
| | 42006:2024 ISO/IEC | Requirements for bodies providing audit and certification of artificial intelligence management | https://www.iso.org/standard/44546.html | <input type="checkbox"/> |
| AI Act | Article 043 | Conformity assessment | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 | <input type="checkbox"/> |

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=CELEX:32024R1689 | <input type="checkbox"/> |

ID 77 **Assessment of the availability**

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| Standard | | | | |
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| AI Act | | | | |

ID 138 **Attack**

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| Standard | 27000:2018 ISO/IEC | 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 | | | | |

ID 172 **Audit and assessment**

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|----------|---------------------|---|---|--------------------------|
| Standard | 5259-3:2024 ISO/IEC | Data quality management requirements and guidelines | https://www.iso.org/standard/81092.html | <input type="checkbox"/> |
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| AI Act | | | | |

ID 10 Auditability

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|----------|---------------------|--|---|--------------------------|
| Standard | 25024:2015 ISO/IEC | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 27000:2018 ISO/IEC | 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 324 Auditing and certification

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| Standard | 42006:2024 ISO/IEC | Requirements for bodies providing audit and certification of artificial intelligence management | https://www.iso.org/standard/44546.html | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 139 Authentication

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|----------|--------------------|--|---|--------------------------|
| Standard | 27000:2018 ISO/IEC | 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 140 Authenticity

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|----------|--------------------|--|---|--------------------------|
| Standard | 27000:2018 ISO/IEC | 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 | 24028:2020 ISO/IEC | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| | 8200:2024 ISO/IEC | Controllability of automated artificial intelligence systems | https://www.iso.org/standard/83012.html | <input type="checkbox"/> |
| | 29119-11:2020 | 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:32024R1280 | <input type="checkbox"/> |
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ID 141 **Availability**

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|----------|--------------------|--------------------|---|--------------------------|
| Standard | 25012:2008 ISO/IEC | 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 11 **Balance**

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| Standard | 25024:2015 ISO/IEC | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
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ID 12 **Benchmark and measurement methodologies**

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|----------|---------------------|-----------------------|---|--------------------------|
| Standard | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
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ID 299 **Beneficial**

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|----------|------------------|-------------------------|---|--------------------------|
| Standard | 21221 ISO/IEC WD | Beneficial AI systems | | <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:32024R1680 | <input type="checkbox"/> |
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ID 126 **Beneficialness**

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|----------|--------------------|----------------------|---|--------------------------|
| Standard | 25019:2023 ISO/IEC | 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 298 **Benefit**

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|----------|------------------|-------------------------|---|--------------------------|
| Standard | 21221 ISO/IEC WD | Beneficial AI systems | | <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:32024B1689 | <input type="checkbox"/> |
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ID 14 **Bias**

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|----------|--------------------|---|---|--------------------------|
| Standard | 24027:2021 ISO/IEC | 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"/> |
| | 29119-11:2020 | 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"/> |
| | 12791-2:2024 | Treatment of unwanted bias i classification and regression machine learninf tasks | https://www.iso.org/standard/84110.html | <input type="checkbox"/> |
| AI Act | | | | |
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ID 13 **Bias detection and correction**

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|----------|---------------------|--|---|--------------------------|
| Standard | 5259-2:2024 ISO/IEC | 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:32024B1689 | <input type="checkbox"/> |
| | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024B1689 | <input type="checkbox"/> |
| | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024B1689 | <input type="checkbox"/> |

ID 15 **Bias in AI system**

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|----------|------------------|--|---|--------------------------|
| Standard | 9868 ISO/IEC DIS | 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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ID 293 **Biometric algorithm**

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| Standard | 9868 ISO/IEC DIS | 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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ID 292 Biometric characteristic

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| Standard | 9868 ISO/IEC DIS | 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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ID 290 Biometric data

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| Standard | 9868 ISO/IEC DIS | 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=CELEX:32024R1689 | <input type="checkbox"/> |
| | Article 005 | Prohibited AI Practices | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 | <input type="checkbox"/> |
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ID 291 Biometric identification

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| Standard | 9868 ISO/IEC DIS | 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 198 Bounded domain

| | | | | |
|-----------------|--------------|--|---|--------------------------|
| Standard | 24029-2:2023 | 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"/> |
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| AI Act | | | | |
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ID 109 Business requirements

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|-----------------|-------------------|---------------------------|---|--------------------------|
| Standard | 8183:2023 ISO/IEC | Data life cycle framework | 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 252 Categorization

| | | | |
|----------|---|---|--------------------------|
| Standard | 12182:2015 ISO/IEC 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 16 Characteristics of the data sets may be met at the level of individual data sets or combination

| | | | |
|----------|--|---|--------------------------|
| Standard | 24027:2021 ISO/IEC 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 17 Characteristics or elements that are particular to the specific geographical, contextual,

| | | | |
|----------|--|--|--|
| Standard | | | |
| AI Act | | | |

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ID 253 Classification

| | | | |
|----------|---|---|--------------------------|
| Standard | 4213:2022 ISO/IEC 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"/> |
| Standard | 4213-1 ISO/IEC AWI Performance measurement for AI classification, regression, clustering and recommendation tasks | https://www.iso.org/standard/89455.html | <input type="checkbox"/> |
| AI Act | Article 006 Classification rules for high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1680 | <input type="checkbox"/> |

ID 80 Cleaning

| | | | |
|----------|---------------------------------------|---|--------------------------|
| Standard | 42001:2023 ISO/IEC Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001: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:32024R1680 | <input type="checkbox"/> |
| AI Act | Article 017 Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1680 | <input type="checkbox"/> |

ID 178 **Cloud service**

| | | | | |
|----------|---------------------|--------------------------------|---|--------------------------|
| Standard | 5259-4:2024 ISO/IEC | Data quality process framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259-4:ed-1:v1:en | <input type="checkbox"/> |
| | 5339:2024 ISO/IEC | 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 | | | | |
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ID 301 **Clustering**

| | | | | |
|----------|--------------------|--|---|--------------------------|
| Standard | 4213-1 ISO/IEC AWI | Performance measurement for AI classification, regression, clustering and recommendation tasks | https://www.iso.org/standard/89455.html | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 98 **Compatibility**

| | | | | |
|----------|--------------------|--------------------------------|---|--------------------------|
| Standard | 25059:2023 ISO/IEC | Quality model for AI Systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
| | 25010:2023 ISO/IEC | 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 105 **Competence**

| | | | | |
|----------|--------------------|--|---|--------------------------|
| Standard | 42001:2023 ISO/IEC | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 27000:2018 ISO/IEC | 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 19 **Complete**

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|----------|--------------------|--------------------------|---|--------------------------|
| Standard | 25012:2008 ISO/IEC | 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 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1480 | <input type="checkbox"/> |
| | | | | |
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ID 20 Completeness

| Standard | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
|---------------------|-----------------------------|---|--------------------------|
| 25024:2015 ISO/IEC | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| 25012:2008 ISO/IEC | 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 21 Compliance

| Standard | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
|---------------------|-----------------------------|---|---|
| 25024:2015 ISO/IEC | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| 25019:2023 ISO/IEC | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| 25012:2008 ISO/IEC | 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=CELEX:320124R1689 |
| | | | <input type="checkbox"/> |
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ID 147 Compliance with the requirements

| Standard | 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"/> |
|--------------------|--|---|---|
| 27000:2018 ISO/IEC | 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 008 | Compliance with the requirements | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:320240514en |
| | | | <input type="checkbox"/> |
| | | | |
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ID 310 Confidence level

| Standard | Guidance and requirements for uncertainty quantification in AI systems | https://www.iso.org/standard/89475.html | <input type="checkbox"/> |
|--------------------|--|---|--------------------------|
| 25223:2024 ISO/IEC | Guidance and requirements for uncertainty quantification in AI systems | https://www.iso.org/standard/89475.html | <input type="checkbox"/> |
| | | | |
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| AI Act | | | |
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ID 23 Confidentiality

| Standard | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
|--------------------|--|---|--------------------------|
| 25024:2015 ISO/IEC | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| 27000:2018 ISO/IEC | 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"/> |
| 25012:2008 ISO/IEC | 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 144 Conformity

| Standard | AI Act | Mapping | ID |
|--------------------|---|---|--------------------------|
| 42001:2023 ISO/IEC | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| 27000:2018 ISO/IEC | 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"/> |
| 42006:2024 ISO/IEC | Requirements for bodies providing audit and certification of artificial intelligence management | https://www.iso.org/standard/44546.html | <input type="checkbox"/> |
| Article 003 | Definitions | 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 016 | Obligations of providers of high-risk AI systems | | <input type="checkbox"/> |
| Article 018 | Documentation keeping | | <input type="checkbox"/> |

ID 326 Conformity assessment

| Standard | AI Act | Mapping | ID |
|----------|-------------|---------------------------|---|
| | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |
| | | | |
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ID 143 Consequence

| Standard | AI Act | Mapping | ID |
|--------------------|--|---|--------------------------|
| 27000:2018 ISO/IEC | 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 25 Consistency

| Standard | AI Act | Mapping | ID |
|---------------------|-----------------------------------|---|--------------------------|
| 25024:2015 ISO/IEC | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| 25012:2008 ISO/IEC | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
| 24028:2020 ISO/IEC | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <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 305 Contact

| Standard | AI Act | Mapping | ID |
|----------|-------------|--|--------------------------|
| | Article 016 | Obligations of providers of high-risk AI systems | <input type="checkbox"/> |
| | | | |
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ID 114 Context of use

| | | | |
|----------|-------------|-----------------|---|
| Standard | | | |
| AI Act | Article 014 | Human oversight | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024B1489 |
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ID 95 Controllability

| | | | |
|----------|--------------------|--|---|
| Standard | 25059:2023 ISO/IEC | Quality model for AI Systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en |
| | 8200:2024 ISO/IEC | Controllability of automated artificial intelligence systems | https://www.iso.org/standard/83012.html |
| AI Act | | | |
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ID 278 Controller

| | | | |
|----------|-------------------|--|---|
| Standard | 8200:2024 ISO/IEC | Controllability of automated artificial intelligence systems | https://www.iso.org/standard/83012.html |
| AI Act | Article 014 | Human oversight | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024B1489 |
| | | | |
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ID 26 Credibility

| | | | |
|----------|---------------------|-----------------------------|---|
| Standard | 25024:2015 ISO/IEC | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en |
| | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html |
| | 25012:2008 ISO/IEC | 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 27 Currentness

| | | | |
|----------|---------------------|-----------------------------|---|
| Standard | 25024:2015 ISO/IEC | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en |
| | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html |
| | 25012:2008 ISO/IEC | 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 115 Customer

| | | | |
|-----------------|---|---|--------------------------|
| Standard | 25019:2023 ISO/IEC 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

| | | | |
|-----------------|---|---|--------------------------|
| Standard | 22989:2022 ISO/IEC 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 015 Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 | <input type="checkbox"/> |
| | Article 013 Transparency and provision of information to developers | | <input type="checkbox"/> |
| | | | |
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ID 260 Data

| | | | |
|-----------------|---|---|--------------------------|
| Standard | 25024:2015 ISO/IEC Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2:2024 ISO/IEC Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 42001:2023 ISO/IEC Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 24028:2020 ISO/IEC Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| | 25223:2024 ISO/IEC Guidance and requirements for uncertainty quantification in AI systems | https://www.iso.org/standard/89475.html | <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"/> |
| | Article 017 Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 | <input type="checkbox"/> |
| | Article 012 Record keeping | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 | <input type="checkbox"/> |
| | 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"/> |

ID 330 Data acquisition

| | | | |
|-----------------|---------------------------------------|---|--------------------------|
| Standard | 42001:2023 ISO/IEC 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 335 Data aggregation

| | | | |
|-----------------|---------------------------------------|---|--------------------------|
| Standard | | | |
| | | | |
| | | | |
| 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 331 Data analysis

| | | | |
|----------|-------------|---------------------------|---|
| Standard | | | |
| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1680 |
| | | | |
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ID 106 Data bias

| | | | |
|----------|--------------------|---|---|
| Standard | 24027:2021 ISO/IEC | 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 |
| AI Act | | | |
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ID 29 Data collection processes

| | | | |
|----------|---------------------|--|---|
| Standard | 5259-1:2024 ISO/IEC | Overview, terminology and example | https://www.iso.org/standard/81088.html |
| | 31010:2019 IEC | Risk assessment techniques | https://www.iso.org/obp/ui/en/#iso:std:iec:31010:ed-2:v1:en,fr |
| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1680 |
| | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1680 |
| | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1680 |

ID 185 Data decommissioning

| | | | |
|----------|---------------------|--------------------------------|---|
| Standard | 5259-4:2024 ISO/IEC | Data quality process framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259-4:ed-1:v1:en |
| AI Act | | | |
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ID 333 Data filtration

| | | | |
|----------|-------------|---------------------------|---|
| Standard | | | |
| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1680 |
| | | | |
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ID 174 Data format

| Standard | Description | URL | Match |
|---------------------|---|---|--------------------------|
| 5259-3:2024 ISO/IEC | Data quality management requirements and guidelines | https://www.iso.org/standard/81092.html | <input type="checkbox"/> |
| 8000-1:2022 ISO | Part 1: Overview | https://www.iso.org/obp/ui/en/#iso:std:iso:8000:-1:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | |
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ID 166 Data governance

| Standard | Description | URL | Match |
|---------------------|-----------------------------------|---|--------------------------|
| 5259-1:2024 ISO/IEC | Overview, terminology and example | https://www.iso.org/standard/81088.html | <input type="checkbox"/> |
| 5259-5:2024 ISO/IEC | 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"/> |
| 8000-1:2022 ISO | Part 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 22 Data holder

| Standard | Description | URL | Match | |
|---------------------|-----------------------|---|---|--------------------------|
| 5259-2:2024 ISO/IEC | 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=CELEX:32024R1860 | <input type="checkbox"/> |
| | | | | |
| | | | | |

ID 183 Data labelling

| Standard | Description | URL | Match | |
|---------------------|--------------------------------|---|---|--------------------------|
| 5259-4:2024 ISO/IEC | 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:32024R1860 | <input type="checkbox"/> |
| | | | | |
| | | | | |

ID 30 Data life cycle

| Standard | Description | URL | Match | |
|---------------------|-----------------------------------|---|---|--------------------------|
| 8183:2023 ISO/IEC | Data life cycle framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:8183:ed-1:v1:en | <input type="checkbox"/> | |
| 5259-1:2024 ISO/IEC | Overview, terminology and example | https://www.iso.org/standard/81088.html | <input type="checkbox"/> | |
| 5259-4:2024 ISO/IEC | 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:32024R1860 | <input type="checkbox"/> |
| | | | | |
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ID 329 Data management

| | | | |
|----------|-------------|---------------------------|---|
| Standard | | | |
| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |
| | | | |
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ID 334 Data mining

| | | | |
|----------|-------------|---------------------------|---|
| Standard | | | |
| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |
| | | | |
| | | | |

ID 31 Data processed are secured, protected, subject to suitable safeguards, including strict controls

| | | | |
|----------|-------------------|---------------------------|---|
| Standard | 8183:2023 ISO/IEC | Data life cycle framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:8183:ed-1:v1:en |
| AI Act | | | |
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ID 167 Data provenance

| | | | |
|----------|---------------------|-----------------------------------|---|
| Standard | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html |
| | 5259-1:2024 ISO/IEC | Overview, terminology and example | https://www.iso.org/standard/81088.html |
| AI Act | | | |
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ID 116 Data quality

| | | | |
|----------|---------------------|-----------------------------------|---|
| Standard | 42001:2023 ISO/IEC | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en |
| | 5259-1:2024 ISO/IEC | Overview, terminology and example | https://www.iso.org/standard/81088.html |
| | 25019:2023 ISO/IEC | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en |
| | 25012:2008 ISO/IEC | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en |
| | 8000-1:2022 ISO | Part 1: Overview | https://www.iso.org/obp/ui/en/#iso:std:iso:8000-1:ed-1:v1:en |
| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |
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ID 184 **Data quality assessment**

| | | | |
|-----------------|--|--|--------------------------|
| Standard | 5259-4:2024 ISO/IEC 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 169 **Data quality culture**

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|-----------------|---|---|--------------------------|
| Standard | 5259-3:2024 ISO/IEC 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 165 **Data quality management**

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|-----------------|---|--|--------------------------|
| Standard | 5259-1:2024 ISO/IEC Overview, terminology and example | https://www.iso.org/standard/81088.html | <input type="checkbox"/> |
| | 5259-3:2024 ISO/IEC Data quality management requirements and guidelines | https://www.iso.org/standard/81092.html | <input type="checkbox"/> |
| | 8000-1:2022 ISO Part 1: Overview | 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**

| | | | |
|-----------------|---|---|--------------------------|
| Standard | 5259-3:2024 ISO/IEC 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 163 **Data quality model**

| | | | |
|-----------------|--|---|--------------------------|
| Standard | 5259-1:2024 ISO/IEC Overview, terminology and example | https://www.iso.org/standard/81088.html | <input type="checkbox"/> |
| | 25012:2008 ISO/IEC Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
| | 12791-2:2024 Treatment of unwanted bias i classification and regression machine learninf tasks | https://www.iso.org/standard/84110.html | <input type="checkbox"/> |
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| AI Act | | | |
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ID 168 Data quality plan

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|----------|---|---|--------------------------|
| Standard | 5259-3:2024 ISO/IEC Data quality management requirements and guidelines | https://www.iso.org/standard/81092.html | <input type="checkbox"/> |
| AI Act | | | |

ID 180 Data quality process principles

| | | | |
|----------|--|---|--------------------------|
| Standard | 5259-4:2024 ISO/IEC 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 | 5259-4:2024 ISO/IEC 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 28 Data quality reporting

| | | | |
|----------|---|---|--------------------------|
| Standard | 5259-2:2024 ISO/IEC Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| Standard | 22989:2022 ISO/IEC 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 015 Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32018L01660 | <input type="checkbox"/> |

ID 186 Data quality risk management

| | | | |
|----------|---|---|--------------------------|
| Standard | 5259-5:2024 ISO/IEC 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 | | | |

ID 182 Data requirements

| | | | |
|-----------------|--|---|--------------------------|
| Standard | 5259-4:2024 ISO/IEC 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 337 Data resources

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|-----------------|--------------------------------------|---|--------------------------|
| Standard | 42001:2023 ISO/IEC 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 | | | |
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ID 336 Data retention

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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:32024D0140n | <input type="checkbox"/> |
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ID 319 Data set

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|-----------------|---|---|--------------------------|
| Standard | 25223:2024 ISO/IEC Guidance and requirements for uncertainty quantification in AI systems | https://www.iso.org/standard/89475.html | <input type="checkbox"/> |
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| AI Act | | | |
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ID 32 Data set measure for bias

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| Standard | 5259-2:2024 ISO/IEC Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
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| AI Act | | | |
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ID 332 Data storage

| | | | |
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| Standard | | | |
| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024B1489 |
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ID 162 Data user

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|----------|---------------------|-----------------------------------|---|
| Standard | 5259-1:2024 ISO/IEC | Overview, terminology and example | https://www.iso.org/standard/81088.html |
| AI Act | | | |
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ID 33 Data-preparation processing

| | | | |
|----------|-------------|--------------------------|---|
| Standard | | | |
| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024B1489 |
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ID 320 Database

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|----------|--------------------|--|---|
| Standard | 25223:2024 ISO/IEC | Guidance and requirements for uncertainty quantification in AI systems | https://www.iso.org/standard/89475.html |
| AI Act | | | |
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ID 103 Datasets

| | | | |
|----------|---------------------|---|---|
| Standard | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html |
| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024B1489 |
| | Article 013 | Transparency and provision of information to developers | |
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ID 256 Decision-making

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|-----------------|--------------------|---|---|--------------------------|
| Standard | 38507:2022 ISO/IEC | Governance implications of the use of AI by organizations | https://www.iso.org/search.html?PROD_isoorg_en%5Bquery%5D=2022 | <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 94 Decommissioning

| | | | | |
|-----------------|-------------------|---------------------------|---|--------------------------|
| Standard | 8183:2023 ISO/IEC | Data life cycle framework | 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 | 29119-11:2020 | Guidelines on the testing of AI-based systems (2020) | https://www.iso.org/obp/ui/en/#iso:std:iso-iec: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:32024R1689 | <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:32024R1689 | <input type="checkbox"/> |
| | Article 002 | Scope | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 | <input type="checkbox"/> |
| | Article 004 | AI literacy | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 | <input type="checkbox"/> |
| | Article 013 | Transparency and provision of information to developers | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 | <input type="checkbox"/> |
| | Article 020 | Corrective actions and duty of information | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 | <input type="checkbox"/> |

ID 34 Design

| | | | | |
|----------|--------------------|---|---|--------------------------|
| Standard | 24027:2021 ISO/IEC | 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"/> |
| | 23894:2023 ISO/IEC | Guidance on risk management | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:23894:ed-1:v1:en | <input type="checkbox"/> |
| | 82079-1:2019 | 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"/> |
| | 26514:2022 | 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 type="checkbox"/> |
| 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"/> |

ID 125 Direct user

| | | | | |
|----------|--------------------|----------------------|---|--------------------------|
| Standard | 25019:2023 ISO/IEC | 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 288 Disability

| | | | | |
|----------|-------------|---|---|--------------------------|
| Standard | | | | |
| AI Act | Article 005 | Prohibited AI Practices | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024B1680 | <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=CELEX:32024B1680 | <input type="checkbox"/> |

ID 36 Diversity

| | | | | |
|----------|---------------------|-----------------------|---|--------------------------|
| Standard | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| AI Act | | | | |

ID 247 Documentation

| | | | | |
|----------|--------------|--|---|--------------------------|
| Standard | 82079-1:2019 | 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"/> |
| 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=CELEX:32024B1680 | <input type="checkbox"/> |
| | Article 016 | Obligations of providers of high-risk AI systems | | <input type="checkbox"/> |
| | Article 019 | Automatically generated logs | | <input type="checkbox"/> |

ID 37 **Documentation of the access, to avoid misuse and ensure that only authorised persons**

| | | | |
|-----------------|---|---|--------------------------|
| Standard | 5259-2:2024 ISO/IEC Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| AI Act | | | |

ID 145 **Documented information**

| | | | |
|-----------------|--|--|--------------------------|
| Standard | 42001:2023 ISO/IEC Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 27000:2018 ISO/IEC 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=CELEX:32024R1689 | <input type="checkbox"/> |
| | Article 011 Technical documentation | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 | <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:32024R1689 | <input type="checkbox"/> |

ID 197 **Domain**

| | | | |
|-----------------|---|---|--------------------------|
| Standard | 24029-2:2023 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"/> |
| AI Act | | | |

ID 129 **Economic risk**

| | | | |
|-----------------|--|--|--------------------------|
| Standard | 25019:2023 ISO/IEC Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 25058:2024 ISO/IEC 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 | | | |

ID 232 **Education**

| | | | |
|-----------------|-------------------------|--|--------------------------|
| Standard | | | |
| AI Act | Article 004 AI literacy | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 | <input type="checkbox"/> |

ID 38 **Effectiveness**

| | | | |
|----------|---|---|--------------------------|
| Standard | 5259-2:2024 ISO/IEC Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| AI Act | | | |

ID 39 **Efficiency**

| | | | |
|----------|--|---|--------------------------|
| Standard | 25024:2015 ISO/IEC Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2:2024 ISO/IEC Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 25012:2008 ISO/IEC Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
| | 24028:2020 ISO/IEC 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 | | | |

ID 40 **Eliminate or reduce biased output**

| | | | |
|----------|--|---|--------------------------|
| Standard | 25024:2015 ISO/IEC Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | |

ID 82 **Enrichment**

| | | | |
|----------|--------------------------------------|--|--------------------------|
| Standard | | | |
| AI Act | Article 010 Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1860 | <input type="checkbox"/> |

ID 218 **Environmental protection**

| | | | |
|----------|----------------------------|--|--------------------------|
| Standard | | | |
| AI Act | Article 001 Subject matter | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1860 | <input type="checkbox"/> |

ID 130 **Environmental risk**

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|----------|--|---|--------------------------|
| Standard | 25019:2023 ISO/IEC Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 25058:2024 ISO/IEC 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 188 **Establish enabling environment for data quality governance**

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| Standard | 5259-5:2024 ISO/IEC 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 249 **Ethical concerns**

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| Standard | 24368:2022 ISO/IEC Overview of ethical and societal concerns | https://www.iso.org/standard/78507.html | <input type="checkbox"/> |
| | 22443 ISO/IEC AWI Guidance on addressing societal concerns and ethical considerations | https://www.iso.org/standard/87119.html | <input type="checkbox"/> |
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ID 251 **Ethical framework**

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| Standard | 24368:2022 ISO/IEC 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:32024R1280 | <input type="checkbox"/> |
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ID 304 Ethical risk

| | | | | |
|----------|--------------------|------------------------------|---|--------------------------|
| Standard | 25059:2023 ISO/IEC | Quality model for AI Systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |

ID 90 Evaluation

| | | | | |
|----------|--------------------|--|---|--------------------------|
| Standard | 42001:2023 ISO/IEC | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 23894:2023 ISO/IEC | Guidance on risk management | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:23894:ed-1:v1:en | <input type="checkbox"/> |
| | 25019:2023 ISO/IEC | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 27000:2018 ISO/IEC | 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"/> |
| | 25058:2024 ISO/IEC | 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 | | | | |

ID 41 Examination of biases, health and safety of persons

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

ID 134 Experience

| | | | | |
|----------|--------------------|----------------------|---|--------------------------|
| Standard | 25019:2023 ISO/IEC | 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 004 | AI literacy | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 | <input type="checkbox"/> |

ID 244 Explainability

| | | | | |
|----------|--------------------|--|---|--------------------------|
| Standard | 5469:2024 ISO/IEC | 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"/> |
| | 24028:2020 ISO/IEC | 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 ISO/IEC CD TS | Objective and approaches for explainability and interpretability of ML models and AI systems | https://www.iso.org/standard/82148.html | <input type="checkbox"/> |
| | 29119-11:2020 | 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 | | | | |

ID 213 **Flexibility**

| | | | |
|-----------------|---|---|--------------------------|
| Standard | 25010:2023 ISO/IEC 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 ISO/IEC TS 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 | | | |
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| AI Act | Article 010 Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:3202401460 | <input type="checkbox"/> |
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ID 43 **Free of errors**

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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:3202401460 | <input type="checkbox"/> |
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ID 128 **Freedom from risk**

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|-----------------|--|---|--------------------------|
| Standard | 25019:2023 ISO/IEC Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 29119-11:2020 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 78 **Functional adaptability**

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|----------|--------------------|---|---|--------------------------|
| Standard | 25059:2023 ISO/IEC | Quality model for AI Systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
| | 25058:2024 ISO/IEC | 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 280 **Functional appropriateness**

| | | | | |
|----------|--------------------|---|---|--------------------------|
| Standard | 25058:2024 ISO/IEC | 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 279 **Functional completeness**

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|----------|--------------------|---|---|--------------------------|
| Standard | 25058:2024 ISO/IEC | 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 51 **Functional correctness**

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|----------|--------------------|---|---|--------------------------|
| Standard | 24027:2021 ISO/IEC | 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"/> |
| | 25059:2023 ISO/IEC | Quality model for AI Systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
| | 25058:2024 ISO/IEC | 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 275 **Functional safety**

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|----------|--------------------|--|---|--------------------------|
| Standard | 24028:2020 ISO/IEC | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| | 8200:2024 ISO/IEC | Controllability of automated artificial intelligence systems | https://www.iso.org/standard/83012.html | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 104 Functional setting

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| Standard | | | |
| AI Act | | | |

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ID 207 Functional suitability

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|----------|--------------------|---|---|--------------------------|
| Standard | 25010:2023 ISO/IEC | SQuaRE - Product quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25010:ed-2:v1:en | <input type="checkbox"/> |
| | 25058:2024 ISO/IEC | 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 | | | | |

ID 209 Fundamental rights

| | | | | |
|----------|-------------|---|---|--------------------------|
| Standard | | | | |
| AI Act | Article 001 | Subject matter | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1684 | <input type="checkbox"/> |
| | Article 006 | Classification rules for high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1684 | <input type="checkbox"/> |
| | Article 007 | Amendment. to Annex III | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1684 | <input type="checkbox"/> |

ID 44 Fundamental rights or lead to discrimination prohibited under Union law

| | | | | |
|----------|-------------|--------------------------|---|--------------------------|
| Standard | | | | |
| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1684 | <input type="checkbox"/> |

ID 111 Governance

| | | | | |
|----------|---------------------|---|---|--------------------------|
| Standard | 8183:2023 ISO/IEC | Data life cycle framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:8183:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-5:2024 ISO/IEC | 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"/> |
| | 38500:2024 ISO/IEC | Governance of IT for the organization | https://www.iso.org/standard/81684.html | <input type="checkbox"/> |
| | 38507:2022 ISO/IEC | 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=CELEX:32024D1684 | <input type="checkbox"/> |

ID 146 Governance of information security

| Standard | | | |
|---------------------|--|---|--------------------------|
| 5259-5:2024 ISO/IEC | 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"/> |
| 27000:2018 ISO/IEC | 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 148 Governing body

| Standard | | | |
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| 27000:2018 ISO/IEC | 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 220 Harmful effects

| Standard | | | |
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| AI Act | Article 001 | Subject matter | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1680 |
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ID 212 Health

| Standard | | | |
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| AI Act | Article 001 | Subject matter | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1680 |
| | Article 006 | Classification rules for high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1680 |
| | Article 007 | Amendment. to Annex III | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1680 |
| | Article 043 | Conformity assessment | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1680 |
| | Article 014 | Human oversight | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1680 |

ID 132 Health risk

| Standard | | | |
|--------------------|---|---|--------------------------|
| 25019:2023 ISO/IEC | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| 25058:2024 ISO/IEC | 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 297 **Healthcare**

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| Standard | 22989-2 ISO/IEC AWI Part 2: Healthcare This <input type="checkbox"/> |
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| AI Act | |
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ID 173 **Horizontal aspects**

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| Standard | 5259-3:2024 ISO/IEC 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:32024R1680 <input type="checkbox"/> |
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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:32024R1680 <input type="checkbox"/> |
| | Article 010 Data and data governance https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1680 <input type="checkbox"/> |
| | Article 020 Corrective actions and duty of information https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1680 <input type="checkbox"/> |
| | |

ID 221 **HR High-risk**

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

| | | | |
|-----------------|--|---|--------------------------|
| Standard | 24028:2020 ISO/IEC 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 | | | |

ID 133 **Human life risk**

| | | | |
|-----------------|---|---|--------------------------|
| Standard | 25019:2023 ISO/IEC 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 190 **Human resource management process**

| | | | |
|-----------------|--|---|--------------------------|
| Standard | 5338:2023 ISO/IEC AI System life cycle processes | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5338:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | |

ID 216 **Human-centric**

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

ID 24 **Identifiability**

| | | | |
|-----------------|---|---|--------------------------|
| Standard | 5259-2:2024 ISO/IEC 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=CELEX:32024R1680 | <input type="checkbox"/> |

ID 325 Impact assessment

| | | | |
|----------|--|---|--------------------------|
| Standard | 42005:2024 ISO/IEC AI system impact assessment | https://www.iso.org/obp/ui/en/#iso:std:44545:en | <input type="checkbox"/> |
| AI Act | | | |

ID 226 Importers

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

ID 91 Improvement

| | | | |
|----------|---|---|--------------------------|
| Standard | 42001:2023 ISO/IEC Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| Standard | 23894:2023 ISO/IEC Guidance on risk management | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:23894:ed-1:v1:en | <input type="checkbox"/> |
| Standard | 27000:2018 ISO/IEC 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 241 Incident

| | | | |
|----------|--|--|--------------------------|
| Standard | | | |
| AI Act | Article 017 Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 | <input type="checkbox"/> |
| AI Act | Article 073 Reporting of serious incidents | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 | <input type="checkbox"/> |

ID 262 Industrial data

| | | | |
|----------|----------------------------------|---|--------------------------|
| Standard | 8000-1:2022 ISO Part 1: Overview | https://www.iso.org/obp/ui/en/#iso:std:iso:8000:-1:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | |

ID 268 Information

| | | | | |
|----------|--------------------|---|---|--------------------------|
| Standard | 24028:2020 ISO/IEC | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| | 26514:2022 | 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 type="checkbox"/> |
| AI Act | Article 013 | Transparency and provision of information to developers | | <input type="checkbox"/> |

ID 248 Information quality

| | | | | |
|----------|--------------|---|---|--------------------------|
| Standard | 82079-1:2019 | 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"/> |
| AI Act | | | | |

ID 149 Information security

| | | | | |
|----------|--------------------|--|---|--------------------------|
| Standard | 27000:2018 ISO/IEC | 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 117 Information system

| | | | | |
|----------|--------------------|--|---|--------------------------|
| Standard | 25019:2023 ISO/IEC | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 27000:2018 ISO/IEC | 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 219 Innovation

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|----------|-------------|----------------|---|--------------------------|
| Standard | | | | |
| AI Act | Article 001 | Subject matter | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1280 | <input type="checkbox"/> |

ID 306 Input data

| | | | |
|----------|-------------|----------------|---|
| Standard | | | |
| AI Act | Article 012 | Record keeping | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024B1689 |
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ID 210 Interaction capability

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|----------|---------------------|--------------------------------|---|
| Standard | 25010:2023 ISO/IEC | SQuaRE - Product quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25010:ed-2:v1:en |
| | 25059-1 ISO/IEC AWI | Quality model for AI systems | https://www.iso.org/standard/88234.html |
| AI Act | | | |
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ID 47 Interaction with natural person or other systems

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| Standard | | | |
| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024B1689 |
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ID 150 Internal context

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|----------|--------------------|--|---|
| Standard | 27000:2018 ISO/IEC | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en |
| AI Act | | | |
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ID 276 Interpretability

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|----------|--------------------|--|---|
| Standard | 6254 ISO/IEC CD TS | Objective and approaches for explainability and interpretability of ML models and AI systems | https://www.iso.org/standard/82148.html |
| | 29119-11:2020 | 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 |
| | 25223:2024 ISO/IEC | Guidance and requirements for uncertainty quantification in AI systems | https://www.iso.org/standard/89475.html |
| AI Act | | | |
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ID 303 **Intervenability**

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|-----------------|---|---|--------------------------|
| Standard | 25059:2023 ISO/IEC Quality model for AI Systems | 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 | | | |
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ID 257 **IT system**

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| Standard | 12182:2015 ISO/IEC 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 231 **Knowledge**

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| Standard | 22989:2022 ISO/IEC 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 004 AI literacy | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1400 | <input type="checkbox"/> |
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ID 189 **Knowledge acquisition**

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|-----------------|--|---|--------------------------|
| Standard | 5338:2023 ISO/IEC AI System life cycle processes | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5338:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | |
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ID 192 **Knowledge management process**

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| Standard | 5338:2023 ISO/IEC AI System life cycle processes | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5338:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | |
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ID 102 Labelling

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| Standard | | | |
| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |
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ID 86 Leadership

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|----------|--------------------|-----------------------------|---|
| Standard | 42001:2023 ISO/IEC | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en |
| | 23894:2023 ISO/IEC | Guidance on risk management | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:23894:ed-1:v1:en |
| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |
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ID 48 Level declaration & instruction of use

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| Standard | | | |
| 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 151 Level of risk

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|----------|--------------------|--|---|
| Standard | 27000:2018 ISO/IEC | Information security management system - Overview and vocabulary | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en |
| AI Act | | | |
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ID 49 Lifecycle

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| Standard | 24027:2021 ISO/IEC | 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 |
| | 5338:2023 ISO/IEC | AI System life cycle processes | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5338:ed-1:v1:en |
| | 17847 ISO/IEC TS | Verification and validation analysis of AI systems | https://www.iso.org/standard/85072.html |
| | 22443 ISO/IEC AWI | Guidance on addressing societal concerns and ethical considerations | https://www.iso.org/standard/87119.html |
| | 5339:2024 ISO/IEC | Guidance for AI application | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5339:ed-1:v1:en |
| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |
| | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |
| | Article 009 | Risk management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |
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ID 234 Literacy

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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=CELEX:32024R1689 |
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ID 224 Located in a third country with output used in the Union

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

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

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

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|----------|-------------------|-------------------|---|
| Standard | 24970 ISO/IEC AWI | AI system logging | https://www.iso.org/standard/88723.html |
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| | | | |
| AI Act | Article 012 | Record keeping | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |
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ID 302 **Logs**

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|----------|-------------|---|---|--------------------------|
| Standard | | | | |
| AI Act | Article 012 | Record keeping | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024E1684 | <input type="checkbox"/> |
| | Article 013 | Transparency and provision of information to developers | | <input type="checkbox"/> |
| | Article 019 | Automatically generated logs | | <input type="checkbox"/> |

ID 269 **Machine learning**

| | | | | |
|----------|--------------------|--|---|--------------------------|
| Standard | 24028:2020 ISO/IEC | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| | 4213:2022 ISO/IEC | 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"/> |
| | 25223:2024 ISO/IEC | Guidance and requirements for uncertainty quantification in AI systems | https://www.iso.org/standard/89475.html | <input type="checkbox"/> |
| AI Act | | | | |

ID 99 **Maintainability**

| | | | | |
|----------|--------------------|--------------------------------|---|--------------------------|
| Standard | 25010:2023 ISO/IEC | 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 | | | | |

ID 193 **Maintenance process**

| | | | | |
|----------|-------------------|--------------------------------|---|--------------------------|
| Standard | 5338:2023 ISO/IEC | AI System life cycle processes | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5338:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |

ID 170 **Management**

| | | | | |
|----------|---------------------|--|---|--------------------------|
| Standard | 5259-3:2024 ISO/IEC | Data quality management requirements and guidelines | https://www.iso.org/standard/81092.html | <input type="checkbox"/> |
| | 14971:2019 ISO | 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"/> |
| | 38500:2024 ISO/IEC | Governance of IT for the organization | https://www.iso.org/standard/81684.html | <input type="checkbox"/> |
| | 9868 ISO/IEC DIS | 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:32024E1684 | <input type="checkbox"/> |

ID 152 Management system

| | | | | |
|----------|--------------------|--|---|--------------------------|
| Standard | 42001:2023 ISO/IEC | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 27000:2018 ISO/IEC | 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 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D11680 | <input type="checkbox"/> |

ID 176 Management system integration

| | | | | |
|----------|---------------------|---|---|--------------------------|
| Standard | 5259-3:2024 ISO/IEC | Data quality management requirements and guidelines | https://www.iso.org/standard/81092.html | <input type="checkbox"/> |
| | | | | |
| AI Act | | | | |

ID 175 Managing of data quality dependencies

| | | | | |
|----------|---------------------|---|---|--------------------------|
| Standard | 5259-3:2024 ISO/IEC | Data quality management requirements and guidelines | https://www.iso.org/standard/81092.html | <input type="checkbox"/> |
| | | | | |
| AI Act | | | | |

ID 239 Market for medical or safety reasons

| | | | | |
|----------|----------------|---|---|--------------------------|
| Standard | 14971:2019 ISO | 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=CELEX:32024D11680 | <input type="checkbox"/> |

ID 261 Master data

| | | | | |
|----------|-----------------|------------------|---|--------------------------|
| Standard | 8000-1:2022 ISO | Part 1: Overview | https://www.iso.org/obp/ui/en/#iso:std:iso:8000:-1:ed-1:v1:en | <input type="checkbox"/> |
| | | | | |
| AI Act | | | | |

ID 311 Measure

| | | | | |
|-----------------|--------------------|--|---|--------------------------|
| Standard | 25223:2024 ISO/IEC | Guidance and requirements for uncertainty quantification in AI systems | https://www.iso.org/standard/89475.html | <input type="checkbox"/> |
| AI Act | | | | |

ID 153 Measurement

| | | | | |
|-----------------|---------------------|--|---|--------------------------|
| Standard | 42001:2023 ISO/IEC | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-1:2024 ISO/IEC | Overview, terminology and example | https://www.iso.org/standard/81088.html | <input type="checkbox"/> |
| | 27000:2018 ISO/IEC | 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"/> |
| | 25059-1 ISO/IEC AWI | Quality model for AI systems | https://www.iso.org/standard/88234.html | <input type="checkbox"/> |
| | 4213-1 ISO/IEC AWI | Performance measurement for AI classification, regression, clustering and recommendation tasks | https://www.iso.org/standard/89455.html | <input type="checkbox"/> |
| AI Act | Article 009 | Risk management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 | <input type="checkbox"/> |

ID 50 Measurement and method

| | | | | |
|-----------------|--------------------|--|---|--------------------------|
| Standard | 25024:2015 ISO/IEC | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 42001:2023 ISO/IEC | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 27000:2018 ISO/IEC | 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:32024R1689 | <input type="checkbox"/> |

ID 285 Metrics

| | | | | |
|-----------------|---------------|---|---|--------------------------|
| Standard | 29119-11:2020 | 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 013 | Transparency and provision of information to developers | | <input type="checkbox"/> |

ID 112 Monitoring

| | | | | |
|-----------------|--------------------|--|---|--------------------------|
| Standard | 23894:2023 ISO/IEC | Guidance on risk management | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:23894:ed-1:v1:en | <input type="checkbox"/> |
| | 25019:2023 ISO/IEC | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 27000:2018 ISO/IEC | 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"/> |
| | 31010:2019 IEC | Risk assessment techniques | https://www.iso.org/obp/ui/en/#iso:std:iec:31010:ed-2:v1:en,fr | <input type="checkbox"/> |
| AI Act | | | | |

ID 270 Neural network

| | | | | |
|----------|--------------------|-----------------------------------|---|--------------------------|
| Standard | 24028:2020 ISO/IEC | 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

| | | | | |
|----------|--------------------|--|---|--------------------------|
| Standard | 25024:2015 ISO/IEC | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 27000:2018 ISO/IEC | 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

| | | | | |
|----------|-------------------|--|---|--------------------------|
| Standard | 8200:2024 ISO/IEC | Controllability of automated artificial intelligence systems | https://www.iso.org/standard/83012.html | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 89 Operation

| | | | | |
|----------|--------------------|-------------------|---|--------------------------|
| Standard | 42001:2023 ISO/IEC | 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 | | | | |
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ID 79 Organization

| | | | | |
|----------|---------------------|--|---|--------------------------|
| Standard | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 42001:2023 ISO/IEC | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 25019:2023 ISO/IEC | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 27000:2018 ISO/IEC | 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"/> |
| | 31010:2019 IEC | Risk assessment techniques | https://www.iso.org/obp/ui/en/#iso:std:iec:31010:ed-2:v1:en,fr | <input type="checkbox"/> |
| AI Act | | | | |
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ID 52 **Origin of data**

| | | | | |
|----------|---------------------|--|---|--------------------------|
| Standard | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | | | | |
| | | | | |
| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024B1680 | <input type="checkbox"/> |
| | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024B1680 | <input type="checkbox"/> |
| | | | | |

ID 317 **out-of-distribution data**

| | | | | |
|----------|--------------------|--|---|--------------------------|
| Standard | 25223:2024 ISO/IEC | Guidance and requirements for uncertainty quantification in AI systems | https://www.iso.org/standard/89475.html | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 318 **Outlier**

| | | | | |
|----------|--------------------|-----------------------------|---|--------------------------|
| Standard | 25024:2015 ISO/IEC | 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 177 **Outsourcing**

| | | | | |
|----------|---------------------|--------------------------------|---|--------------------------|
| Standard | 5259-4:2024 ISO/IEC | 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**

| | | | | |
|----------|--------------------|---|---|--------------------------|
| Standard | 25010:2023 ISO/IEC | SQuaRE - Product quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25010:ed-2:v1:en | <input type="checkbox"/> |
| | 25058:2024 ISO/IEC | 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

| | | | |
|----------|---|---|--------------------------|
| Standard | 24028:2020 ISO/IEC 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 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"/> |
| AI Act | Article 019 Automatically generated logs | | <input type="checkbox"/> |

ID 53 Personal data are not to be transmitted, transferred or otherwise accessed by other parties

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

ID 54 Personal data, the original purpose of the data collection

| | | | |
|----------|--|--|--|
| Standard | | | |
| AI Act | | | |

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ID 87 Planning

| | | | |
|----------|---------------------------------------|---|--------------------------|
| Standard | 42001:2023 ISO/IEC Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001: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"/> |

ID 55 Portability

| | | | |
|----------|---|---|--------------------------|
| Standard | 5259-2:2024 ISO/IEC Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| Standard | 25012:2008 ISO/IEC Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | |

ID 100 Post-market

| | | | | |
|----------|--------------------|--|---|--------------------------|
| Standard | 25019:2023 ISO/IEC | 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:32024B1680 | <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:32024B1680 | <input type="checkbox"/> |
| | | | | |

ID 56 Precision

| | | | | |
|----------|---------------------|--|---|--------------------------|
| Standard | 25024:2015 ISO/IEC | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 25012:2008 ISO/IEC | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
| | 29119-11:2020 | 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

| | | | | |
|----------|-------------------|---------------------------|---|--------------------------|
| Standard | 8183:2023 ISO/IEC | Data life cycle framework | 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 312 Probability measure

| | | | | |
|----------|--------------------|--|---|--------------------------|
| Standard | 25223:2024 ISO/IEC | Guidance and requirements for uncertainty quantification in AI systems | https://www.iso.org/standard/89475.html | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 235 Processes

| | | | | |
|----------|--------------------|--|---|--------------------------|
| Standard | 23894:2023 ISO/IEC | Guidance on risk management | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:23894:ed-1:v1:en | <input type="checkbox"/> |
| | 8000-1:2022 ISO | Part 1: Overview | https://www.iso.org/obp/ui/en/#iso:std:iso:8000-1:ed-1:v1:en | <input type="checkbox"/> |
| | 17847 ISO/IEC TS | Verification and validation analysis of AI systems | https://www.iso.org/standard/85072.html | <input type="checkbox"/> |
| | 5339:2024 ISO/IEC | Guidance for AI application | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5339:ed-1:v1:en | <input type="checkbox"/> |
| | 62304:2006 IEC | Medical device - 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

| | | | |
|----------|-------------|-------|---|
| Standard | | | |
| AI Act | Article 002 | Scope | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |
| | | | |
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ID 236 Products

| | | | |
|----------|--------------------|---|---|
| Standard | 23894:2023 ISO/IEC | 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=CELEX:32024R1689 |
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ID 229 Products covered by Union harmonization legislation

| | | | |
|----------|-------------|-------|---|
| Standard | | | |
| AI Act | Article 002 | Scope | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |
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ID 307 Protection of personal data

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| Standard | | | |
| AI Act | Article 019 | Automatically generated logs | |
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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=CELEX:32024R1689 |
| | Article 004 | AI literacy | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |
| | Article 016 | Obligations of providers of high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |
| | Article 018 | Documentation keeping | |
| | Article 020 | Corrective actions and duty of information | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |

ID 328 Quality assurance

| | | | |
|----------|-------------|---------------------------|---|
| Standard | | | |
| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024B1680 |
| | | | <input type="checkbox"/> |
| | | | |
| | | | |

ID 259 Quality characteristics

| | | | |
|----------|--------------------|--------------------|---|
| Standard | 25012:2008 ISO/IEC | 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 327 Quality control

| | | | |
|----------|-------------|---------------------------|---|
| Standard | | | |
| AI Act | 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 57 Quality criteria

| | | | |
|----------|---------------------|-----------------------------|---|
| Standard | 25024:2015 ISO/IEC | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en |
| | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html |
| | | | <input type="checkbox"/> |
| | | | <input type="checkbox"/> |
| AI Act | Article 010 | Data and data governance | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024B1680 |
| | | | <input type="checkbox"/> |
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ID 289 Quality management

| | | | |
|----------|-------------|--|---|
| Standard | | | |
| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024B1680 |
| | Article 043 | Conformity assessment | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024B1680 |
| | Article 016 | Obligations of providers of high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024B1680 |
| | Article 018 | Documentation keeping | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024B1680 |
| | | | <input type="checkbox"/> |
| | | | <input type="checkbox"/> |
| | | | <input type="checkbox"/> |
| | | | <input type="checkbox"/> |

ID 191 **Quality management process**

| | | | | |
|-----------------|-------------------|--------------------------------|---|--------------------------|
| Standard | 5338:2023 ISO/IEC | AI System life cycle processes | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5338:ed-1:v1:en | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 35 **Quality model**

| | | | | |
|-----------------|--------------------|---|---|--------------------------|
| Standard | 25059:2023 ISO/IEC | Quality model for AI Systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
| | 25058:2024 ISO/IEC | 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 118 **Quality-in-use**

| | | | | |
|-----------------|--------------------|--|---|--------------------------|
| Standard | 25019:2023 ISO/IEC | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 12182:2015 ISO/IEC | 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 | | | | |
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ID 316 **Quantification**

| | | | | |
|-----------------|--------------------|--|---|--------------------------|
| Standard | 25223:2024 ISO/IEC | Guidance and requirements for uncertainty quantification in AI systems | https://www.iso.org/standard/89475.html | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 313 **Random variable**

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|-----------------|--------------------|--|---|--------------------------|
| Standard | 25223:2024 ISO/IEC | Guidance and requirements for uncertainty quantification in AI systems | https://www.iso.org/standard/89475.html | <input type="checkbox"/> |
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| AI Act | | | | |
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ID 58 **Re-use of the personal data**

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|----------|-------------|---------------------------|---|
| Standard | | | |
| AI Act | Article 017 | Quality management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024B1680 |
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ID 59 **Recoverability**

| | | | |
|----------|---------------------|-----------------------|---|
| Standard | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html |
| | 25012:2008 ISO/IEC | 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 300 **Regression**

| | | | |
|----------|--------------------|--|---|
| Standard | 4213-1 ISO/IEC AWI | Performance measurement for AI classification, regression, clustering and recommendation tasks | https://www.iso.org/standard/89455.html |
| AI Act | | | |
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ID 60 **Relevance**

| | | | |
|----------|---------------------|-----------------------------|---|
| Standard | 25024:2015 ISO/IEC | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en |
| | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html |
| AI Act | | | |
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ID 61 **Relevant data gaps or shortcomings that prevent compliance with this Regulation**

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|----------|---------------------|-----------------------|---|
| Standard | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html |
| AI Act | | | |
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ID 211 Reliability

| Standard | AI Act | Mapping | ID |
|--------------------|--|---------|---|
| 25059:2023 ISO/IEC | Quality model for AI Systems | | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en |
| 25010:2023 ISO/IEC | SQuaRE - Product quality model | | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25010:ed-2:v1:en |
| 25223:2024 ISO/IEC | Guidance and requirements for uncertainty quantification in AI systems | | https://www.iso.org/standard/89475.html |
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ID 62 Representativeness

| Standard | AI Act | Mapping | ID |
|----------|--------|---------|----|
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ID 154 Residual risk

| Standard | AI Act | Mapping | ID |
|--------------------|--|---------|---|
| 27000:2018 ISO/IEC | Information security management system - Overview and vocabulary | | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:27000:ed-5:v1:en |
| 14971:2019 ISO | Application of risk management to medical devices | | https://www.iso.org/obp/ui/en/#iso:std:iso:14971:ed-3:v1:en |
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ID 63 Resilience regarding errors, faults, inconsistency

| Standard | AI Act | Mapping | ID |
|---------------------|-----------------------|---------|---|
| 5259-2:2024 ISO/IEC | Data quality measures | | https://www.iso.org/standard/81860.html |
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ID 272 Responsibility

| Standard | AI Act | Mapping | ID |
|----------|--------|---------|----|
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ID 187 **Responsibility of governing body**

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|-----------------|---|---|--------------------------|
| Standard | 5259-5:2024 ISO/IEC 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 | | | |

ID 119 **Risk**

| | | | |
|-----------------|--|---|--------------------------|
| Standard | 42001:2023 ISO/IEC Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 25019:2023 ISO/IEC Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 24028:2020 ISO/IEC 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 020 Corrective actions and duty of information | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:320124R1689 | <input type="checkbox"/> |

ID 155 **Risk acceptance**

| | | | |
|-----------------|---|---|--------------------------|
| Standard | 27000:2018 ISO/IEC 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 156 **Risk analysis**

| | | | |
|-----------------|---|---|--------------------------|
| Standard | 27000:2018 ISO/IEC 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"/> |
| | 14971:2019 ISO 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 | | | |

ID 237 **Risk assessment techniques**

| | | | |
|-----------------|---|---|--------------------------|
| Standard | 31010:2019 IEC Risk assessment techniques | https://www.iso.org/obp/ui/en/#iso:std:iec:31010:ed-2:v1:en,fr | <input type="checkbox"/> |
| AI Act | | | |

ID 157 **Risk communication and consultation**

| | | | |
|----------|---|---|--------------------------|
| Standard | 27000:2018 ISO/IEC 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 | 14971:2019 ISO 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 | | | |
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ID 158 **Risk evaluation**

| | | | |
|----------|---|---|--------------------------|
| Standard | 27000:2018 ISO/IEC 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"/> |
| | 14971:2019 ISO 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 009 Risk management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1420 | <input type="checkbox"/> |
| | | | |
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ID 242 **Risk factors**

| | | | |
|----------|---|---|--------------------------|
| Standard | 5469:2024 ISO/IEC 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

| | | | | |
|----------|---------------------|--|---|--------------------------|
| Standard | 42001:2023 ISO/IEC | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-3:2024 ISO/IEC | Data quality management requirements and guidelines | https://www.iso.org/standard/81092.html | <input type="checkbox"/> |
| | 23894:2023 ISO/IEC | Guidance on risk management | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:23894:ed-1:v1:en | <input type="checkbox"/> |
| | 27000:2018 ISO/IEC | 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 ISO/IEC AWI | 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=CELEX:320240116&from=do | <input type="checkbox"/> |
| | Article 009 | Risk management system | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:320240116&from=do | <input type="checkbox"/> |
| | Article 012 | Record keeping | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:320240116&from=do | <input type="checkbox"/> |
| | Article 006 | Classification rules for high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:320240116&from=do | <input type="checkbox"/> |
| | Article 007 | Amendment. to Annex III | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:320240116&from=do | <input type="checkbox"/> |

ID 159 Risk management process

| | | | | |
|----------|--------------------|--|---|--------------------------|
| Standard | 27000:2018 ISO/IEC | 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"/> |
| | 14971:2019 ISO | 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 | | | | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> |

ID 160 Risk treatment

| | | | | |
|----------|--------------------|--|---|--------------------------|
| Standard | 23894:2023 ISO/IEC | Guidance on risk management | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:23894:ed-1:v1:en | <input type="checkbox"/> |
| | 27000:2018 ISO/IEC | 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 | | | | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> |

ID 274 Robot

| | | | | |
|----------|-----------------------|--|---|--------------------------|
| Standard | 24028:2020 ISO/IEC | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| | 29119-11:2020 ISO/IEC | 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 | | | | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> |

ID 18 Robustness

| | | | | |
|----------|----------------------|--|---|--------------------------|
| Standard | 25059:2023 ISO/IEC | Quality model for AI Systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
| | 24029-1:2021 ISO/IEC | 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"/> |
| | 24029-2:2023 ISO/IEC | 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 | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:320240116&from=do | <input type="checkbox"/> |
| | Article 013 | Transparency and provision of information to developers | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:320240116&from=do | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> |
| | | | | <input type="checkbox"/> |

ID 65 Robustness achieved with redundancy, backup of fail-safe plan

| | | | |
|----------|-------------|--|---|
| Standard | | | |
| 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 214 Safety

| | | | |
|----------|--------------------|---|---|
| Standard | 25010:2023 ISO/IEC | SQuaRE - Product quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25010:ed-2:v1:en |
| | 14971:2019 ISO | Application of risk management to medical devices | https://www.iso.org/obp/ui/en/#iso:std:iso:14971:ed-3:v1:en |
| | 5469:2024 ISO/IEC | TR Functional safety and AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:5469:ed-1:v1:en |
| | 24368:2022 ISO/IEC | Overview of ethical and societal concerns | https://www.iso.org/standard/78507.html |
| | 24028:2020 ISO/IEC | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en |
| AI Act | Article 001 | Subject matter | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |
| | Article 073 | Reporting of serious incidents | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |
| | Article 006 | Classification rules for high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |
| | Article 007 | Amendment. to Annex III | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |
| | Article 043 | Conformity assessment | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1689 |

ID 240 Safety components of devices

| | | | |
|----------|----------------|---|---|
| Standard | 14971:2019 ISO | Application of risk management to medical devices | https://www.iso.org/obp/ui/en/#iso:std:iso:14971:ed-3:v1:en |
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| AI Act | | | |
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ID 281 Satisfaction

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|----------|--------------------|---|---|
| Standard | 25058:2024 ISO/IEC | Guidance for quality evaluation of AI systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:ts:25058:ed-1:v1:en |
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| AI Act | | | |
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ID 66 Security

| | | | |
|----------|--------------------|---|---|
| Standard | 25059:2023 ISO/IEC | Quality model for AI Systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en |
| | 25010:2023 ISO/IEC | SQuaRE - Product quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25010:ed-2:v1:en |
| | 24028:2020 ISO/IEC | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en |
| | 9868 ISO/IEC DIS | Biometric identification systems involving passive capture | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:9868:dis:ed-1:v1:en |
| | 42006:2024 ISO/IEC | Requirements for bodies providing audit and certification of artificial intelligence management | https://www.iso.org/standard/44546.html |
| 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 67 **Security and privacy, pseudonymisation**

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|----------|-------------|--|---|
| Standard | | | |
| AI Act | Article 015 | Accuracy, robustness and cybersecurity | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1689 |
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ID 179 **Segmentation**

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|----------|---------------------|--------------------------------|---|
| Standard | 5259-4:2024 ISO/IEC | Data quality process framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5259-4:ed-1:v1:en |
| AI Act | | | |
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ID 255 **Service**

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|----------|---------------------|--|---|
| Standard | 12182:2015 ISO/IEC | 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 |
| | 25059-1 ISO/IEC AWI | Quality model for AI systems | https://www.iso.org/standard/88234.html |
| AI Act | Article 002 | Scope | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1689 |
| | Article 006 | Classification rules for high-risk AI systems | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1689 |
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ID 68 **Similarity**

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| Standard | | | |
| AI Act | | | |
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ID 314 **Simulatability**

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|----------|--------------------|--|---|
| Standard | 25223:2024 ISO/IEC | Guidance and requirements for uncertainty quantification in AI systems | https://www.iso.org/standard/89475.html |
| AI Act | | | |
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ID 108 **Social responsibility**

| | | | | |
|----------|--------------------|---|---|--------------------------|
| Standard | 24027:2021 ISO/IEC | 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 | 25059:2023 ISO/IEC | Quality model for AI Systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
| | 24368:2022 ISO/IEC | Overview of ethical and societal concerns | https://www.iso.org/standard/78507.html | <input type="checkbox"/> |
| | 25058:2024 ISO/IEC | 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 ISO/IEC AWI | 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 131 **Societal risk**

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|----------|--------------------|---|---|--------------------------|
| Standard | 25019:2023 ISO/IEC | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 25058:2024 ISO/IEC | 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 120 **Society**

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|----------|--------------------|----------------------|---|--------------------------|
| Standard | 25019:2023 ISO/IEC | 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 | 12182:2015 ISO/IEC | 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"/> |
| | 62304:2006 IEC | Medical device - 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 121 **Software quality**

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| Standard | 25019:2023 ISO/IEC 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 107 **Software testing**

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|-----------------|--|---|--------------------------|
| Standard | 24027:2021 ISO/IEC 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 113 **Stakeholder**

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|-----------------|---|---|--------------------------|
| Standard | 25019:2023 ISO/IEC Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 12182:2015 ISO/IEC 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"/> |
| | 31000:2018 ISO Risk management - Guidelines | https://www.iso.org/obp/ui/en/#iso:std:65694:en | <input type="checkbox"/> |
| | 8000-1:2022 ISO Part 1: Overview | https://www.iso.org/obp/ui/en/#iso:std:iso:8000-1:ed-1:v1:en | <input type="checkbox"/> |
| | 24028:2020 ISO/IEC 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 309 **Statistical confidence**

| | | | |
|-----------------|---|---|--------------------------|
| Standard | 25223:2024 ISO/IEC Guidance and requirements for uncertainty quantification in AI systems | https://www.iso.org/standard/89475.html | <input type="checkbox"/> |
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| AI Act | | | |
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ID 127 **Suitability**

| | | | |
|-----------------|---|---|--------------------------|
| Standard | 25019:2023 ISO/IEC 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 88 **Support**

| | | | | |
|----------|--------------------|---------------------------|---|--------------------------|
| Standard | 8183:2023 ISO/IEC | Data life cycle framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:8183:ed-1:v1:en | <input type="checkbox"/> |
| | 42001:2023 ISO/IEC | Management system | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:42001:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |

ID 323 **Surveillance**

| | | | | |
|----------|-------------|--|---|--------------------------|
| Standard | | | | |
| AI Act | Article 020 | Corrective actions and duty of information | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:320124R1689 | <input type="checkbox"/> |

ID 69 **Synthetic or anonymised data**

| | | | | |
|----------|---------------------|-----------------------|---|--------------------------|
| Standard | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| AI Act | | | | |

ID 122 **System**

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|----------|--------------------|--|---|--------------------------|
| Standard | 5338:2023 ISO/IEC | AI System life cycle processes | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:5338:ed-1:v1:en | <input type="checkbox"/> |
| | 25019:2023 ISO/IEC | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 12182:2015 ISO/IEC | 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"/> |
| | 25223:2024 ISO/IEC | Guidance and requirements for uncertainty quantification in AI systems | https://www.iso.org/standard/89475.html | <input type="checkbox"/> |
| AI Act | | | | |

ID 123 **Target entity**

| | | | | |
|----------|--------------------|----------------------|---|--------------------------|
| Standard | 25019:2023 ISO/IEC | 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 | 82079-1:2019 IEC Part 1: principles and general requirements | https://www.iso.org/obp/ui/en/#iso:std:iec:82079:-1:ed-2:v1:en | <input type="checkbox"/> |
| AI Act | Article 011 Technical documentation | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1689 | <input type="checkbox"/> |
| | Article 043 Conformity assessment | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024D1689 | <input type="checkbox"/> |
| | Article 018 Documentation keeping | | <input type="checkbox"/> |

ID 64 **Terms related to AI**

| | | | |
|-----------------|---|---|--------------------------|
| Standard | 25059:2023 ISO/IEC Quality model for AI Systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
| | 22989:2022 ISO/IEC 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 206 **Terms related to computer vision**

| | | | |
|-----------------|---|---|--------------------------|
| Standard | 22989:2022 ISO/IEC 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 201 **Terms related to data**

| | | | |
|-----------------|---|---|--------------------------|
| Standard | 22989:2022 ISO/IEC 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 | 22989:2022 ISO/IEC 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 205 Terms related to natural language processing

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|----------|---|---|--------------------------|
| Standard | 22989:2022 ISO/IEC 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 203 Terms related to neural networks

| | | | |
|----------|---|---|--------------------------|
| Standard | 22989:2022 ISO/IEC 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 204 Terms related to trustworthiness

| | | | |
|----------|---|---|--------------------------|
| Standard | 22989:2022 ISO/IEC 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 284 Test data

| | | | |
|----------|--|---|--------------------------|
| Standard | 29119-11:2020 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 | | | |

ID 196 Testing

| | | | |
|----------|---|---|--------------------------|
| Standard | 24029-1:2021 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"/> |
| Standard | 24028:2020 ISO/IEC Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| Standard | 29119-11:2020 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"/> |
| Standard | 12791-2:2024 Treatment of unwanted bias in classification and regression machine learning tasks | https://www.iso.org/standard/84110.html | <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:32024R1280 | <input type="checkbox"/> |

ID 70 Testing data sets

| | | | | |
|----------|-------------|---|---|--------------------------|
| 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"/> |
| | Article 013 | Transparency and provision of information to developers | | <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:32024R1689 | <input type="checkbox"/> |
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ID 200 Time series

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|----------|--------------|--|---|--------------------------|
| Standard | 24029-2:2023 | 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 72 Timeliness

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| Standard | | | |
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| AI Act | | | |
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ID 73 Traceability

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|----------|---------------------|-----------------------------|---|--------------------------|
| Standard | 25024:2015 ISO/IEC | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 24970 ISO/IEC AWI | AI system logging | https://www.iso.org/standard/88723.html | <input type="checkbox"/> |
| | 25012:2008 ISO/IEC | 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 | 24028:2020 ISO/IEC | 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 | 25024:2015 ISO/IEC | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 24029-1:2021 | 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"/> |
| | | | | |
| 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 | 25059:2023 ISO/IEC | Quality model for AI Systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
| | 5469:2024 ISO/IEC | 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"/> |
| | 24028:2020 ISO/IEC | Overview of trustworthiness in AI | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:38507:ed-1:v1:en | <input type="checkbox"/> |
| | 25223:2024 ISO/IEC | Guidance and requirements for uncertainty quantification in AI systems | https://www.iso.org/standard/89475.html | <input type="checkbox"/> |
| AI Act | Article 013 | Transparency and provision of information to developers | | <input type="checkbox"/> |
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ID 135 Trustworthiness

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|-----------------|--------------------|-----------------------------------|---|--------------------------|
| Standard | 25019:2023 ISO/IEC | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 24028:2020 ISO/IEC | 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=CELEX:32024R1689 | <input type="checkbox"/> |
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ID 315 Uncertainty

| | | | | |
|----------|--------------------|--|---|--------------------------|
| Standard | 25223:2024 ISO/IEC | Guidance and requirements for uncertainty quantification in AI systems | https://www.iso.org/standard/89475.html | <input type="checkbox"/> |
| AI Act | | | | |

ID 75 Understandability

| | | | | |
|----------|---------------------|-----------------------|---|--------------------------|
| Standard | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| Standard | 25012:2008 ISO/IEC | Data quality model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25012:ed-1:v1:en | <input type="checkbox"/> |
| AI Act | | | | |

ID 81 Updating

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|----------|--|--|--|--|
| Standard | | | | |
| AI Act | | | | |

ID 97 Usability

| | | | | |
|----------|--------------------|---|---|--------------------------|
| Standard | 25059:2023 ISO/IEC | Quality model for AI Systems | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25059:ed-1:v1:en | <input type="checkbox"/> |
| Standard | 25019:2023 ISO/IEC | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| Standard | 25058:2024 ISO/IEC | 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 | | | | |

ID 258 Use-cases

| | | | | |
|----------|--------------------|-------------------------|---|--------------------------|
| Standard | 24030:2024 ISO/IEC | Use cases | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:tr:24030:ed-2:v1:en | <input type="checkbox"/> |
| Standard | 21221 ISO/IEC WD | Beneficial AI systems | | <input type="checkbox"/> |
| AI Act | Article 007 | Amendment. to Annex III | https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32024R1280 | <input type="checkbox"/> |

ID 124 User

| | | | | |
|----------|--------------------|---|---|--------------------------|
| Standard | 25019:2023 ISO/IEC | Quality-in-use model | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25019:ed-1:v1:en | <input type="checkbox"/> |
| | 26514:2022 | 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 type="checkbox"/> |
| | 21221 ISO/IEC WD | Beneficial AI systems | | <input type="checkbox"/> |
| 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"/> |

ID 76 Validation

| | | | | |
|----------|---------------------|---|---|--------------------------|
| Standard | 25024:2015 ISO/IEC | Measurement of data quality | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:25024:ed-1:v1:en | <input type="checkbox"/> |
| | 5259-2:2024 ISO/IEC | Data quality measures | https://www.iso.org/standard/81860.html | <input type="checkbox"/> |
| | 22989:2022 ISO/IEC | Artificial intelligence concepts and terminology | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:22989:ed-1:v1:en | <input type="checkbox"/> |
| | 24028:2020 ISO/IEC | 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"/> |
| | Article 013 | Transparency and provision of information to developers | | <input type="checkbox"/> |

ID 294 Verification

| | | | | |
|----------|--------------------|---|---|--------------------------|
| Standard | 25019:2023 ISO/IEC | 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 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"/> |

ID 110 Verification and validation

| | | | | |
|----------|-------------------|---|---|--------------------------|
| Standard | 8183:2023 ISO/IEC | Data life cycle framework | https://www.iso.org/obp/ui/en/#iso:std:iso-iec:8183:ed-1:v1:en | <input type="checkbox"/> |
| | 17847 ISO/IEC TS | Verification and validation analysis of AI systems | https://www.iso.org/standard/85072.html | <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"/> |

ID 321 Visualization

| | | | | |
|----------|-------------------|--|---|--------------------------|
| Standard | 5259-6:2024 CD TR | Visualization framework for data quality | https://www.iso.org/standard/86532.html | <input type="checkbox"/> |
| AI Act | | | | |

ID 161 **Vulnerability**

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|-----------------|---|---|--------------------------|
| Standard | 27000:2018 ISO/IEC 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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