

AI Act: Articles and sub-articles connections

Standard

AI Act

AI Act sub-articles

Whereas

Annexes

Mapping & Terminology

AI ACT and relative Article in AI Act

Annexes and relative Article in AI Act

Art. 10, 5

To the extent that it is strictly necessary for the purpose of ensuring bias detection and correction in relation to the high-risk AI systems in accordance with paragraph (2), points (f) and (g) of this Article, the providers of such systems may exceptionally process special categories of personal data, subject to appropriate safeguards for the fundamental rights and freedoms of natural persons. In addition to the provisions set out in Regulations (EU) 2016/679 and (EU) 2018/1725 and Directive (EU) 2016/680, all the following conditions must be met in order for such processing to occur:

Terms	Variant	213
AI systems		
Bias		
Bias detection and correction (dataset)		
Bias in AI system		
Data		
Data bias		
Data set (File)		
Fundamental rights		
IT system		
Personal data		
Providers		
Purpose		
Risk		

Art. 10, 5(a)

the bias detection and correction cannot be effectively fulfilled by processing other data, including synthetic or anonymised data;

Terms	Variant	214
Bias		
Bias detection and correction (dataset)		
Data		
Data bias		
Synthetic or anonymised data		

Art. 10, 5(b)

the special categories of personal data are subject to technical limitations on the re-use of the personal data, and state-of-the-art security and privacy-preserving measures, including pseudonymisation;

Terms	Variant	215
Data		
Personal data		
Privacy		
Re-use of the personal data (Quality control)		
Security (Cybersecurity)		

Art. 10, 5(c)

the special categories of personal data are subject to measures to ensure that the personal data processed are secured, protected, subject to suitable safeguards, including strict controls and documentation of the access, to avoid misuse and ensure that only authorised persons have access to those personal data with appropriate confidentiality obligations;

Terms	Variant	216
Access control		
Appropriate confidentiality		
Confidentiality (personal data, identifiability)		
Data		
?		
Documentation		
?		
Personal data		

Art. 14

Human oversight

Table with 2 columns: AI ACT and relative Article in AI Act, Annexes and relative Article in AI Act. Row 4: Technical documentation

Table with 2 columns: Terms, Variant. Row 253: Human oversight

Art. 14, 1

High-risk AI systems shall be designed and developed in such a way, including with appropriate human-machine interface tools, that they can be effectively overseen by natural persons during the period in which they are in use.

Table with 2 columns: AI ACT and relative Article in AI Act, Annexes and relative Article in AI Act

Table with 2 columns: Terms, Variant. Row 254: AI systems, Risk

Art. 14, 2

Human oversight shall aim to prevent or minimise the risks to health, safety or fundamental rights that may emerge when a high-risk AI system is used in accordance with its intended purpose or under conditions of reasonably foreseeable misuse, in particular where such risks persist despite the application of other requirements set out in this Section.

Table with 2 columns: AI ACT and relative Article in AI Act, Annexes and relative Article in AI Act

Table with 2 columns: Terms, Variant. Row 255: AI application, Fundamental rights, Health, Health risk, Human oversight, Purpose, Risk, Safety, System

Art. 14, 3

The oversight measures shall be commensurate with the risks, level of autonomy and context of use of the high-risk AI system, and shall be ensured through either one or both of the following types of measures:

Table with 2 columns: AI ACT and relative Article in AI Act, Annexes and relative Article in AI Act

Table with 2 columns: Terms, Variant. Row 256: Autonomy, Context of use, Level of risk, Risk, System

Art. 14, 5

For high-risk AI systems referred to in point 1(a) of Annex III, the measures referred to in paragraph 3 of this Article shall be such as to ensure that, in addition, no action or decision is taken by the deployer on the basis of the identification resulting from the system unless that identification has been separately verified and confirmed by at least two natural persons with the necessary competence, training and authority. The requirement for a separate verification by at least two natural persons shall not apply to high-risk AI systems used for the purposes of law enforcement, migration, border control or asylum, where Union or national law considers the application of this requirement to be disproportionate.

Table with 2 columns for mapping and terminology.

Table with columns: Terms, Variant, 265. Includes terms like AI application, AI systems, Competence, Risk, System, Training, Verification.

Art. 15

Accuracy, robustness and cybersecurity

Table with 2 columns for mapping and terminology.

Table with columns: Terms, Variant, 266. Includes terms like Accuracy (free of errors), Cybersecurity.

Art. 15, 1

High-risk AI systems shall be designed and developed in such a way that they achieve an appropriate level of accuracy, robustness, and cybersecurity, and that they perform consistently in those respects throughout their lifecycle.

Table with 2 columns for mapping and terminology.

Table with columns: Terms, Variant, 267. Includes terms like Accuracy (free of errors), AI system lifecycle, AI systems, Cybersecurity, Level of risk, Lifecycle, Risk.

Art. 15, 2

To address the technical aspects of how to measure the appropriate levels of accuracy and robustness set out in paragraph 1 and any other relevant performance metrics, the Commission shall, in cooperation with relevant stakeholders and organisations such as metrology and benchmarking authorities, encourage, as appropriate, the development of benchmarks and measurement methodologies.

Table with 2 columns for mapping and terminology.

Table with columns: Terms, Variant, 268. Includes terms like Accuracy (free of errors), Measure, Measurement (measuring), Measurement and method, Metrics.

Terms Variant 289

Assessment
Assessment procedures
Compliance (complete)
Conformity
Conformity assessment
Management
Management system
Risk
Risk management
System

Terms Variant 290

Design
Risk
System
Verification

Terms Variant 291

Quality assurance (Quality model)
Quality control
Risk
System

Terms Variant 292

Risk
System
Validation

Art. 17, 1(a)
a strategy for regulatory compliance, including compliance with conformity assessment procedures and procedures for the management of modifications to the high-risk AI system;

Art. 17, 1(b)
techniques, procedures and systematic actions to be used for the design, design control and design verification of the high-risk AI system;

Art. 17, 1(c)
techniques, procedures and systematic actions to be used for the development, quality control and quality assurance of the high-risk AI system;

Art. 17, 1(d)
examination, test and validation procedures to be carried out before, during and after the development of the high-risk AI system, and the frequency with which they have to be carried out;

Art. 27
Fundamental rights impact assessment for high-risk AI systems

AI ACT and relative Article in AI Act	Annexes and relative Article in AI Act
	8 Information to be submitted upon the notification of risks

Terms	Variant	377
AI systems		
Assessment		
Fundamental rights		
Impact assessment		
Risk		

Art. 27, 1
Prior to deploying a high-risk AI system referred to in Article 6(2), with the exception of high-risk AI systems intended to be used in the area listed in point 2 of Annex III, deployers that are bodies governed by public law, or are private entities providing public services, and deployers of high-risk AI systems referred to in points 5 (b) and (c) of Annex III, shall perform an assessment of the impact on fundamental rights that the use of such system may produce. For that purpose, deployers shall perform an assessment consisting of:

AI ACT and relative Article in AI Act	Annexes and relative Article in AI Act
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Terms	Variant	378
AI systems		
Assessment		
Deployers		
Fundamental rights		
Impact assessment		
Purpose		
Risk		
System		

Art. 27, 1(a)
a description of the deployer's processes in which the high-risk AI system will be used in line with its intended purpose;

AI ACT and relative Article in AI Act	Annexes and relative Article in AI Act
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Terms	Variant	379
Processes		
Purpose		
Risk		
System		

Art. 27, 1(b)
a description of the period of time within which, and the frequency with which, each high-risk AI system is intended to be used;

AI ACT and relative Article in AI Act	Annexes and relative Article in AI Act
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Terms	Variant	380
Risk		
System		

