

Supplementary material for the tutorial on the potential impact of the AI Act on affective computing research and development: Index of important articles related to affective computing

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This tutorial is based on the latest version adopted by the European Parliament in June 2023 ('[AI Act proposal](#)'). To read the specific provisions referred to below, click on the corresponding hyperlink and read the text included in the column 'EP Mandate'.

- Subject matter and scope [Articles 1-2](#)
- Exception scientific research [Article 2 \(5d\)](#)
- Key actors
 - Provider [Article 3 \(2\)](#)
 - Deployer [Article 3 \(4\)](#)
 - Importer [Article 3 \(6\)](#)
 - Distributor [Article 3 \(7\)](#)
 - Operator [Article 3 \(8\)](#)
- Definition AI system [Article 3 \(1\)](#)
- Definition Emotion Recognition System [Article 3 \(34\)](#)
- Definition biometric data [Article 3 \(33\)](#)
- Definition biometric-based data [Article 3 \(33a\)](#)
- Prohibited AI practices [Article 5](#)
 - AI system deploying subliminal and manipulative or deceptive techniques [Article 5 \(1\)a](#)
 - AI system exploiting vulnerabilities of a person or group of persons [Article 5 \(1\)b](#)
 - AI systems inferring emotions of natural persons in the context of law enforcement, border management and workplace and education institutions [Article 5 \(1\) dc](#)
- Emotion recognition systems as high risk systems [Article 6 \(2\)](#) and [Annex III \(1\) aa](#)
- Compliance with requirements for high risk AI systems [Article 8](#)
 - Risk management system [Article 9](#)
 - Data and data governance [Article 10](#)
 - Technical documentation [Article 11](#)
 - Record keeping [Article 12](#)
 - Transparency [Article 13](#)
 - Human oversight [Article 14](#)
 - Accuracy, robustness and cybersecurity [Article 15](#)
- Obligations providers of high-risk AI systems [Article 16](#)
- Quality management system [Article 17](#) and automatically generated logs [Article 20](#)
- Responsibilities among value chain [Article 28](#)
- Obligations of deployers of high-risk AI systems [Article 29](#)
- Fundamental rights impact assessment for high-risk AI systems (deployers) [Article 29a](#)
- Transparency for emotion recognition systems (including consent) applicable to providers and deployers [Article 52 \(2\)](#)
- Right to explanation if output by AI system used for decision making producing legal or similarly significant effects [Article 68 c](#)
- Cooperation with competent authorities, AI office, and Commission [Article 23](#) and Penalties [Article 71](#)