

What is European Union's Artificial Intelligence Act?

March 20, 2024 • vajiramandravi.com



About European Union's Artificial Intelligence Act

- It is the **world's first comprehensive Artificial Intelligence law**.
- It lays down **rules and guidelines for specific risks** associated **with the use of AI** in areas like biometric authentication, facial recognition, high-risk domains such as healthcare, and deep fakes.
- Taking a **horizontal, risk-based approach** that will apply across sectors of AI development, the **EU AI Act classifies the technology into four categories: Prohibited, high-risk, limited-risk, and minimal-risk**.
- **Systems that violate** or threaten **human rights** through, for example, social scoring—creating “risk” profiles of people based on “desirable” or “undesirable” behaviour — or mass surveillance **are banned outright**.
- **High-risk systems**, which **have a significant impact on people's lives and rights**, such as those used for biometric identification or in education, health, and law enforcement, **will have to meet strict requirements**, including **human oversight and security and conformity assessment**, before they can be put on the market.
- **Systems involving user interaction, like chatbots** and image-generation programmes, are **classified as limited-risk** and **are required to inform usersthatthey are interacting with AI** and allow them to

opt out.

- The **most widely used systems, which pose no or negligible risk**, such as spam filters and smart appliances, are **categorised as minimal-risk**. They will be **exempt from regulation**, but will need to comply with existing laws.
 - The law will **apply to any companies doing business in the European Union**, and allows for **penalties of up to 7% of global turnover** or €35 million, whichever is higher, for those that don't keep their use of AI under control.
 - The act also **enshrines the right of consumers to make complaints** about the inappropriate use of AI by businesses, **and to receive meaningful explanations** for decisions taken by an AI that affect their rights.
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Q1: What is Artificial Intelligence (AI)?

Artificial intelligence, or AI, is technology that enables computers and machines to simulate human intelligence and problem-solving capabilities. On its own or combined with other technologies (e.g., sensors, geolocation, robotics) AI can perform tasks that would otherwise require human intelligence or intervention. Digital assistants, GPS guidance, autonomous vehicles, and generative AI tools (like Open AI's Chat GPT) are just a few examples of AI in the daily news and our daily lives.

Source: [Express View on Eu's AI law: Strive for an intelligent balance](#)

Source: <https://vajiramandravi.com/current-affairs/european-unions-artificial-intelligence-act/>

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