NSZZ SOLIDARNOŚĆ NATIONAL COMMISSION

What can we expect soon?

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Co-funded by the European Union

Project 101051759
Initiating activities to implement the European Social Partners Framework Agreement on Digitalisation (EFAD)
co-funded by the European Union

The Advancements in AI

- AI technology is rapidly evolving. **In 2023, we can expect to see further advancements in natural language processing, computer vision, and machine learning**

- AI and machine learning technology have received a strong boost in development which has given several major breakthroughs.

Generative artificial intelligence

Generative artificial intelligence (generative AI) is a type of artificial intelligence system capable of generating text, images, or other media in response to prompts.

Generative AI models learn the patterns and structure of their input training data and then generate new data that has similar characteristics.

Notable generative AI systems include ChatGPT (and its variant Bing Chat), a chatbot built by OpenAI using their GPT-3 and GPT-4 foundational large language models, and Bard, a chatbot built by Google using their LaMDA foundation model.

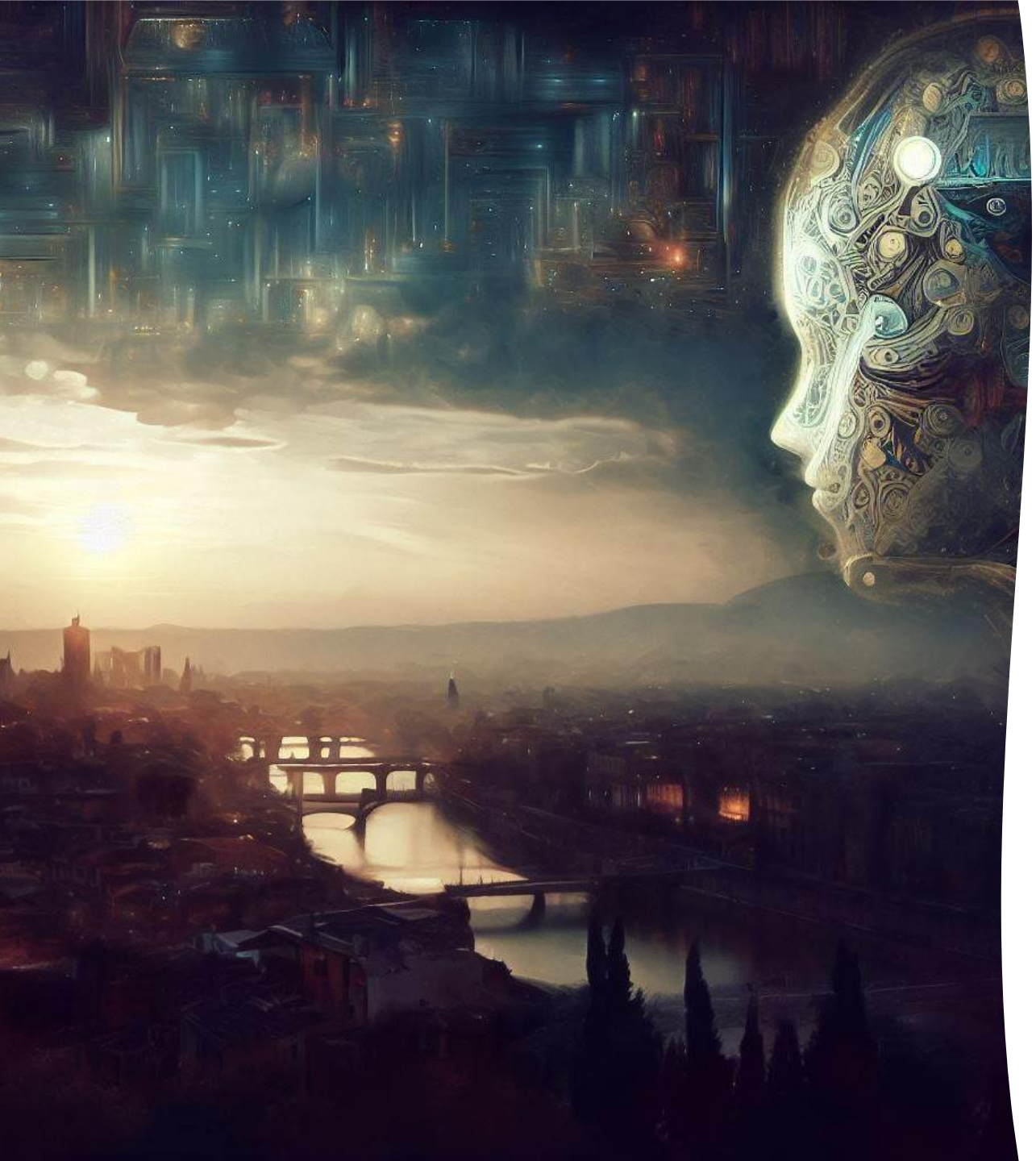
Other generative AI models include artificial intelligence art systems such as Stable Diffusion, Midjourney, and DALL-E.

MORE EMPHASIS ON EXPLAINABLE AI

- The harm ambiguous and biased algorithms can cause has been seen in virtually every facet of society, from criminal justice to social services to healthcare. And as the mass adoption of this technology continues to grow, becoming an integral part of everyday life, the challenge of AI bias and fairness has become a genuine concern across the board.

INCREASED COLLABORATION BETWEEN HUMANS AND AI

- In a world where AI-enabled computers are capable of writing movie scripts, generating award-winning art and even making medical diagnoses, it is tempting to wonder how much longer we have until robots come for our jobs. While automation has long been a threat to lower-level, blue-collar positions in manufacturing, customer service, and so on, the latest advancements in AI promise to disrupt all kinds of jobs — from attorneys to journalists.



The Development of AI Ethics and Regulation

- **Bias and fairness**
- AI algorithms can perpetuate existing biases if they are trained on biased data. It's important to ensure that AI systems are developed and deployed in a manner that is fair and unbiased and to monitor these systems to detect and mitigate any biases that may arise.
- **Privacy and security**
- AI algorithms can generate and process large amounts of personal data, raising concerns about data privacy and security. It's important to ensure that AI systems are developed and deployed in a manner that protects individuals' privacy and security.
- **Responsibility and accountability**
- As AI systems become more autonomous, it's crucial to determine who is responsible and accountable for their actions. This includes issues such as determining liability in the event of an AI-related accident or harm.
- **Transparency and interoperability**
- AI systems can sometimes make decisions that are difficult for humans to understand or interpret. It's important to ensure that AI systems are developed in a manner that is transparent and interpretable and to provide users with the information they need to understand how these systems work and why they make the decisions they do.