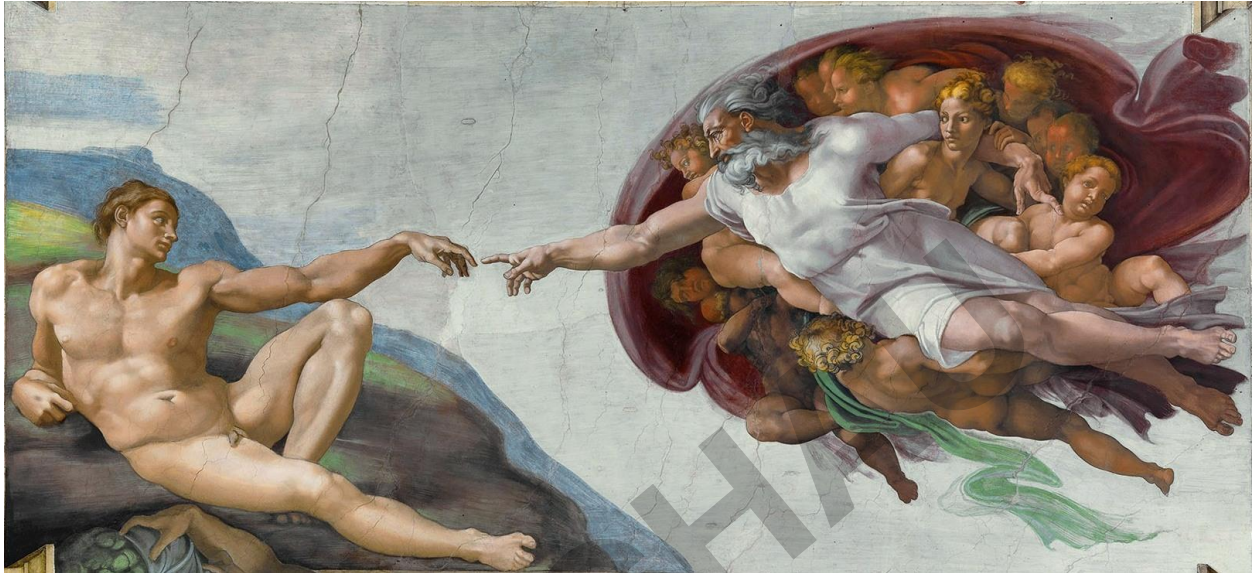


Pre-listening

1. Compare the cover picture with Michelangelo's *Creation of Adam* from the Vatican's Sistine Chapel. Write about the motifs, the way they are portrayed, and the connection between the pictures.



The Creation of Adam (1512) is a painting by Italian artist **Michelangelo** (1475–1564). It can be seen on the ceiling of the Sistine Chapel in Rome. It shows a scene from the Bible. God is giving life to Adam, the first man. The painting has served as an inspiration for many parodies and imitations.

Image source: Michelangelo. *The Creation of Adam*. 1512. Wikimedia Commons.

<commons.wikimedia.org/wiki/File:The_Creation_of_Adam.jpg> accessed August 22, 2023. Public domain.

2. A vocabulary exercise created by AI

You are going to listen to two texts about AI in exercises 3 and 4. In order to help you understand those texts better, you will work with an exercise that was created by AI. ChatGPT was given the following set of instructions:

“Create a banked vocabulary exercise that you have to match to explanations of the following words and expressions: a line-up, a mug shot, evidence in court, a license plate, video footage, a database, to peruse a book, to contribute to, to draw the line, to challenge rights, to benefit from, the bottom line, to get a leg up. Add two more explanations that do not match these words and expressions. Give a key to this exercise.”

Tasks

- a) Do the exercise on the next page that was created by AI using the instructions mentioned above.
- b) Assess how well the AI managed to do what it was told. Discuss the quality of the explanations, the exercise, and the AI generated answer key (on page 4).
- c) Write a list of German translations of the words and expressions to check if you really understand their meaning.

ChatGPT

Title: Balancing the Scale: AI and Facial Recognition in Democracy

The rise of AI and facial recognition technology brings forth a myriad of advantages for democracies, but it would be naive to believe that these innovations come without their share of disadvantages. However, with careful consideration, regulation, and ethical implementation, it is indeed possible to harness the benefits of AI and facial recognition without succumbing to the pitfalls.

On the advantageous side, AI-driven facial recognition can enhance public safety and security, facilitating prompt identification of criminals and preventing potential threats. Moreover, in the electoral process, it can bolster transparency, reducing electoral fraud and ensuring fair representation of the populace. Additionally, AI can streamline public services, making governance more efficient and accessible for citizens.

Yet, the disadvantages loom large. The foremost concern is privacy infringement. Facial recognition technology can lead to mass surveillance, leaving citizens feeling vulnerable and exposed in their daily lives. Furthermore, the potential for biased algorithms raises alarming questions about discrimination and the reinforcement of societal prejudices.

To strike a balance, governments must establish robust legal frameworks and transparency guidelines for AI and facial recognition usage. Clear and explicit consent from citizens should be obtained before implementing such technologies, ensuring their rights are respected.

Additionally, unbiased data sets and rigorous testing should be mandatory to prevent discrimination and skewed outcomes. Regular audits and oversight by independent bodies can hold the agencies employing AI accountable, safeguarding against misuse.

Education and public awareness are key to addressing concerns. By promoting understanding of AI capabilities and limitations, citizens can make informed decisions about its integration in democratic processes. Open debates and discussions on ethical implications should be encouraged to shape policies in the best interest of society.

In conclusion, the advantages of AI and facial recognition in a democracy are undeniable, but we cannot ignore the risks they pose. Responsible and thoughtful implementation, with a keen focus on privacy, ethics, and transparency, can tip the scales towards a brighter future. Let us harness the potential of these technologies while guarding against their excesses to create a democratic landscape that is both progressive and protective of citizens' fundamental rights.

16. Your creative approach to AI

Have your own parody of Michelangelo's *The Creation of Adam* made by AI. Use an AI service to try out different prompts. Refine your painting by giving ever more detailed instructions to the AI until you are satisfied with the result. Compare your results if you work with a partner or in a group.

You can either use your preferred AI image generator or search for another – there are many. Alternatively, you can try one of the ones below that do not require an account.

- Stable Diffusion Playground: <stablediffusionweb.com/#demo>
- Craiyon: <www.craiyon.com/>
- Mage Space: <www.mage.space/>

