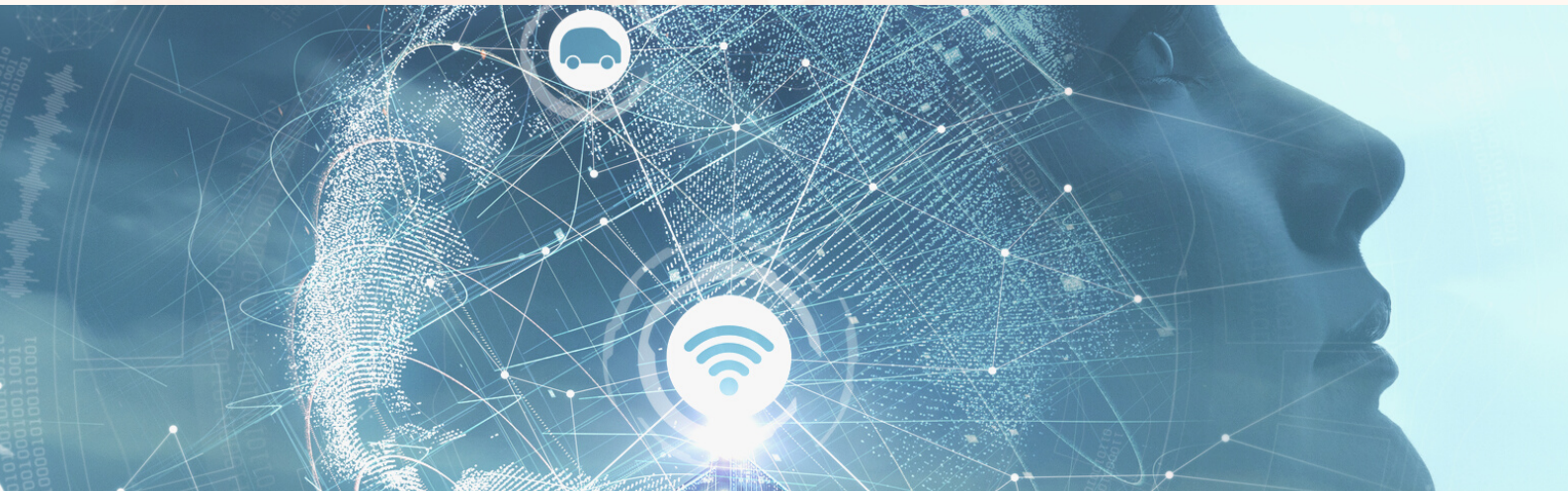


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Artificial Intelligence in Education

WHAT NEW TECHNOLOGIES CAN OFFER TO THE EDUCATION SYSTEM ? WHICH ARE THE CULTURAL BENEFITS ?



The Importance in Education

WRITTEN BY CHRISTINA EIRINI KARVOUNA

Artificial intelligence (AI) is arguably the driving technological force of the first half of this century, and will transform virtually every industry, if not human endeavors at large. Businesses and governments worldwide are pouring enormous sums of money into a very wide array of implementations, and dozens of start-ups are being funded to the tune of billions of dollars.

It would be naive to think that AI will not have an impact on education—*au contraire*, the possibilities there are profound yet, for the time being over-hyped as well.

In today's hyper-connected world, artificial intelligence is a vital competence, especially for kids and young people. They need to understand what is behind the screen of their smartphone, how artificial intelligence might be (mis)used and social media works.

The **Hellenic Institute of Cultural Diplomacy - The Netherlands** had the great opportunity to participate in a round table discussion and share experiences and thoughts about Artificial Intelligence and its impact in Education, our everyday lives and our Culture.



Advantages of AI in Education

- **Education at any time.** Young people spend a lot of time on the go. They prefer doing everyday tasks using their smartphones or tablets. AI-based applications provide an opportunity to study in free time, spending ten or fifteen minutes. Additionally, the students can get feedback from tutors in a real-time mode.
- **Various options due to the students' needs.** AI-based solutions can adapt due to the students' level of knowledge, interesting topics, and so on. The system tends to help students with their weak sides. It offers learning materials based on their weaknesses. For example, the student does the test before starting to use the app; the app analyzes it and provides suitable tasks and courses.
- **Virtual mentors.** AI-based platforms offer virtual mentors to track the students' progress. Of course, only human teachers can understand the scholars' needs better, but it's good to get instant feedback from the virtual tutor.

The Cultural Benefits of Artificial Intelligence

The benefits of artificial intelligence go well beyond improved efficiency and decision-making. AI can also improve organizational effectiveness and strengthen teams and enterprise cultures.

Artificial intelligence can generate cultural as well as financial benefits for organizations. With AI systems in place, teams can perform tasks with more pride and confidence and collaborate more effectively: They can actually get stronger. These cultural benefits can penetrate the foundation of business operations, improving assumptions that drive organizational behaviors and ensuring the pursuit of smarter goals.

"Cultural AI is the study, design and development of socio-technological AI systems that are implicitly or explicitly aware of the subtle and subjective complexity of human culture."

