



AI Ethics and Bias: Diversity, Inclusion, and Representation in AI Tools

By Maja Balcerzyk

Course details

- 🕒 One week course
- € Starting from 480€ (Cultural activities included)*
- 👥 Min. 4 - max. 14 participants
- 📄 Certificate of attendance included (80% of attendance required)
- 📍 Available in Athens, Budapest, Florence, and Tenerife

* A 60 € late registration fee will be applied if you register less than 8 weeks before the course start date.

Course description

Addressing bias in AI algorithms, student cheating, privacy concerns, overreliance on technology, lack of representation (gender, age, ethnicity, abilities), and equity issues is crucial.

In today's educational landscape, Artificial Intelligence has become an indispensable tool. However, AI, like its human creators, is susceptible to errors and biases.

Teachers and learners need to understand the inherent bias that lurks in the databases and algorithms.

This course delves into various AI-powered tools to enhance your classes, ensuring inclusivity by catering to diverse student needs. It enables participants to identify and address biases by crafting more effective prompts and commands, ensuring that generated texts and images are truly representative.

Participants will learn how to use AI-powered tools to create customized activities for individual students and adapt existing school materials for better accessibility. Additionally, they will learn how to produce texts quickly and efficiently to correct and enhance students' writing and use them to spot cheating and plagiarism.

By the end of the course, participants will be able to better integrate AI-powered tools into their everyday teaching, understand their potential, and limitations, and how to address any associated drawbacks and learn to overcome them.

Course code ICT.1.AIET - <https://www.teacheracademy.eu/course/ai-challenges-education/> - Last update 02/11/2023

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Learning outcomes

The course will help the participants to:

- Integrate AI-powered tools effectively into their teaching;
- Understand the potential, limitations, and how to address drawbacks;
- Foster inclusive learning environments;
- Navigate ethical considerations in AI education.

Tentative schedule

Day 1 – Introducing to the course

- Introduction to the course, the school, and the external activities;
- Icebreaker activities;
- Presentations of the participants' schools;
- Introduction to diversity, inclusion, and representation in the context of AI.

Day 2 – AI in diverse classroom

- AI tools to make materials, text, and class tasks more inclusive;
- AI as a research tool: benefits and limitations;
- Scaffolding with AI tools.

Day 3 – AI and text generation

- Text enhancement, correction;
- Plagiarism;
- Dangers of over-dependency and how to counter them.

Day 4 – AI ethics, controversies and biases

- Losers and the winners in the AI-powered world;
- Ethics and copyrighting;
- Bias and lack of representation.





Day 5 – Future school with AI

- How will AI change education: challenges and opportunities.

Day 6 – Course closure and cultural activities

- Course evaluation: round-up of acquired competencies, feedback, and discussion;
- Awarding of the course Certificate of Attendance;
- Excursion and other external cultural activities.

*The schedule describes likely activities but may differ significantly based on the requests of the participants, and the trainer delivering the specific session. Course modifications are subject to the trainer's discretion. If you would like to discuss a specific topic, please indicate it at least 4 weeks in advance.

Our courses usually include two cultural activities. Further information is available on the webpage of each course location.

About the provider

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