

Wednesday
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AI in Academia

Best practices for integrating AI tools in teaching and for evaluation of AI-assisted student coursework

Instructor

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AGENDA

09:30 - 09:35

Welcome Address

Professor **Tatiana Eleni Synodinou**, Vice-Rector for Academic Affairs

09:35 - 11:30

Best Practices for Evaluating AI-Enhanced Coursework

How to define what is expected from students when they use AI tools in their assignments.

Developing a criteria that fairly assess both the use of AI tools and the students' understanding of the underlying concepts.

Group work (in groups of 4-6 members):

- In your group, choose a particular course/module
- Develop guidelines for the use of AI for this particular course
- Develop the evaluation/assessment criteria for this course
- Share your work with the wider group

Addressing challenges posed by AI tools, including plagiarism and originality in student submissions.

Case study (hypothetical) of a university that implements AI-powered assessments in their coursework.

Group work (in groups of 4-6 members):

- Select a particular module/course
- How can AI be used to improve the delivery of this module or teaching methodology? For example, an AI assistant available 24/7 for this module etc.
- How can AI be used to improve the content of this course? For example, exploring the latest trends on a particular topic or better ways of explaining difficult concepts etc.
- Present your findings to the wider group.

Conclusion

11:30 - 11:50

Coffee Break

11:50 - 13:40

Strategies for Integrating AI Tools into Teaching

Methods for integrating AI tools into the curriculum to enhance learning without overshadowing the human connection.

Practical considerations for using AI as a teaching aid in classrooms. (10 mins)

Group work (in groups of 4-6 members):

- Select a particular module/course
- How would you use AI to improve the curriculum for this course
- How can you use AI as a teaching aid for delivering this course
- What are some practical challenges of deploying AI in the classroom for this course
- Share your findings with the wider group

Strategies for training students on the ethical and more impactful use of AI in education.

Ensuring that students understand the mechanics and ethical limitations of AI systems.

Case Study (hypothetical) of a course/module that effectively integrates AI tools.

Group Work (in groups of 4-6 members):

- Select a particular module/course
- Envision the right ways in which students can use AI for this particular course. For example, enhancing their understanding of difficult terms.
- List the wrong ways in which students can use AI for this particular course. For example, copying the LLMs outputs without validation etc.
- How can you prevent students from using it in wrong ways
- Present your findings to the wider group

Conclusion