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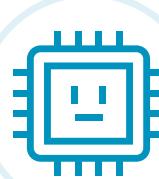
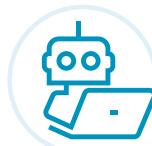


## Ethical guidelines on the use of AI and data in teaching and learning for Educators

Helping teachers and educational staff to better understand and engage in the ethical use of AI and data



### What does AI and data use in education mean?

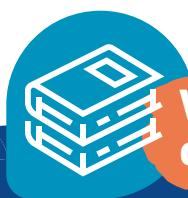


It means using AI-processed data in education to map and facilitate groups' or student's learning as well as assist teachers and staff to use data more effectively and safely.

Depending on the objectives, AI and data can be useful in many ways:

- ▶ **Selecting suitable resources** and **planning lessons/courses** accordingly
- ▶ **Using adaptive learning technologies** to adapt to each learner's ability
- ▶ Using student dashboards to **guide learners** through their learning
- ▶ Providing **individualised interventions** for special needs
- ▶ Scoring essays using **automated tools**
- ▶ **Predicting** potential dropouts
- ▶ Managing student enrollment and **resource planning**
- ▶ **Using chatbots to guide learners** and parents through administrative tasks

▶ The list goes on!



### Why do we need ethical guidelines on their use (in teaching and learning)?



To identify the benefits that AI applications using educational data can provide and to avoid misconceptions



To raise awareness of the possible risks and challenges so that teachers and educators are able to engage positively, critically and ethically with AI systems and exploit their full potential



To propose guiding examples and topics to enable a constructive dialogue on AI systems' ethical use in education and training





## What do they include?

1

### Examples of AI and data use in education

To teach students, to support their learning, to support teachers, to support diagnostic or system-wide planning

2

### Ethical considerations and requirements

To refer to when starting or processing a project based on AI and data

3

### Guiding questions and approach

To raise awareness and community engagement and plan for effective use of AI and data in school

4

### Emerging skills and glossary applied to education

To share a common approach to ethical use of AI and data

5

### EU policy overview on AI

Regulatory framework and links to further information



**Benefits:**  
The guidelines can help you to...

- ▶ Define objectives, data and possible AI resources **to improve teaching and learning**
- ▶ Consider the ethical background and **anticipate challenges**
- ▶ **Use guiding questions** based on ethical and practical considerations and requirements
- ▶ **Raise community engagement** and planning for effective use AI and data in School
- ▶ **Develop concrete use-cases, competences and shared experience**



**Are you ready to explore and use the guidelines?**



**Use the guidelines with your students** in the classroom



**Share with colleagues** and encourage them to use them!



**Spread the word!**



Check out our guidelines



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