



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

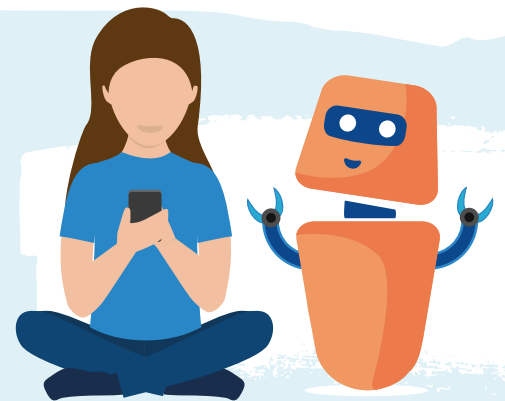
Helping teachers and educational staff to better understand and engage in the ethical use of AI and data

Who are they for?

- ▶ The guidelines target **teachers and educational staff** in formal education, mainly in primary and secondary levels of education, **with some or no prior experience of using AI and data in teaching.**

Why is action needed?

- ▶ **AI in Education is no longer a distant reality**
using AI applications to train and learn foreign languages;
using adaptive exercises to differentiate teaching and learning
- ▶ **AI has a great potential to enhance education**
but, it lacks in depth impact analysis and could raise ethical considerations
- ▶ **AI is part of digital skills to be acquired**
by teachers and learners by the end of the Decade



What are the guidelines?

A flagship initiative of the **Digital Education Action Plan (2021-2027)**, the guidelines will help teachers and educators to understand the potential that **AI applications and data** can have in education and to raise awareness of the possible risks – even unintentional ones – so that they are able to engage positively, critically and ethically with AI systems and exploit their full benefit:

- ▶ Identifying concrete examples and generic use-cases
- ▶ Underpinning ethical considerations and requirements
- ▶ Highlighting emerging competences and key terms or techniques into the field of education

What do they include?

- ▶ **A contextualisation of the objectives and possible use of AI in education**, as well as a series of **ethical considerations arising from them**
- ▶ **An explanation of the challenges of using AI techniques and data** for teaching and learning purposes
- ▶ **A series of questions related to the ethical and practical considerations of implementing AI and data-based resources** and tools and advice on how to adapt them to different particular purposes and contexts
- ▶ **A set of emerging skills** for confident use of resources and tools or on the use of key technical terms in the field of education



How will they help teachers?

- ▶ **Fostering awareness and knowledge acquisition** regarding the ethical use of AI and data in teaching and learning
- ▶ **Engaging teachers and educational staff to assess and share their experience in providing information** deriving from diverse contexts
- ▶ **Identifying concrete examples** and guiding questions to build projects and use AI and data in an ethical manner
- ▶ **Proposing methodology and guidance to develop digital competences** and evaluate the relevance of using AI and data for various purposes in different contexts with confidence

Who developed them?

- ▶ **Based on the work of an expert group**, Led by the European Commission
- ▶ **Based on the consultations provided by European Commission Services**
- ▶ **Based on feedback from educators** (survey and consultations)
- ▶ **Based on existing Commission initiatives and policies**

How can you get involved?

- ▶ **Use the guidelines with your students in the classroom**
- ▶ **Share them with other teachers**
- ▶ **Encourage your colleagues to use them and spread the word**

Check out
our guidelines



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