

GUIDING RESPONSIBLE AI

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CAN WE TRUST AI?

- **An Interactive Exercise on Responsible AI Use**
- **Goals:**
 - Think about how AI might affect real decisions in schools
 - Explore values like fairness, privacy, and transparency
 - Practice making choices when values conflict
- *No technical knowledge needed – just your real-world judgment!*

WHY THIS MATTERS

- AI is already being used in education
 - From grading tools to learning apps to student support systems.
 - But how these systems are built and used affects real people — especially students.
- As educators, you play a key role in asking:
 - Is the technology fair and transparent?
 - Does it support all learners equitably?
 - Who gets to decide how AI is used in your classroom or school?
- This workshop helps you think critically about AI and make your voice part of the conversation.

A USE CASE

- Student Support System:
 - Your school is considering using AI system that predicts which students are likely to struggle academically based on past performance, attendance, and behavior.
 - Teachers can use this to offer extra help earlier.
 - Should the AI be allowed to use data like family background or language spoken at home?

QUESTION ZERO

- Is AI suitable to develop a system to determine which support students need?
- Options
 - **A)** Yes – AI gives the most accurate results and helps identify struggling students early.
 - **B)** Yes – but only if the AI explains its decisions clearly, so teachers understand why a student was flagged.
 - **C)** Yes – but only if the AI is fair and doesn't use private details about the students.
 - **D)** No – decisions about student support should always be made by teachers, not computers.

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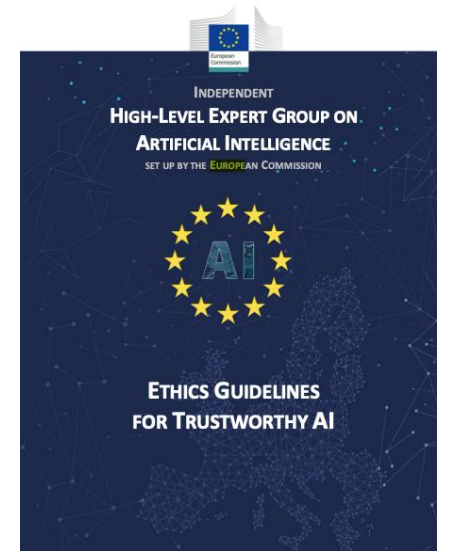
THINKING ABOUT VALUES IN AI DECISIONS

When using AI in schools, we need to ask:

- What values matter most?
 - Fairness? Accuracy? Privacy? Transparency?
- Who should decide?
 - Teachers? School leaders? Students? Parents?
- What should the AI system be like?
 - Easy to understand? Open about how it works? Carefully tested?
- What methods should be used?
 - Only data from school? Include outside factors? Allow human review?

WHAT ARE THE KEY REQUIREMENTS?

- Accuracy
- Robustness
- Accountability
- Human oversight
- Privacy
- Explainability
- Transparency
- Non-discrimination and fairness
- Environmental wellbeing



<https://ec.europa.eu/digital-single-market/en/high-level-expert-group-artificial-intelligence>

TRADE-OFFS

- How should we use our resources?
 - Is it worth using more time or money to make the AI easier to explain?
 - Is it worth extra cost to make the AI slightly more accurate?
- What's the fairest way to decide?
 - Should all students be treated the same, no matter their background?
 - Or should we focus more support on students who seem most at risk, even if that means treating them differently?