



Hybrid Intelligence in Education

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Academic Insights

- AI should not be framed merely as a tool, but as part of a human–AI hybrid system.
- Human intelligence differs fundamentally from AI’s statistical information processing.
- Over-reliance on generative AI risks replacing learning opportunities with convenience.
- Hybrid intelligence extends cognition when AI supports reflection, not decision-making.
- Learning analytics can help interpret learning, not just automate outcomes.
- Narrow views of AI limit its educational value.

Apply This Now

- Use AI to externalize thinking, not to finalize answers.
- Pair AI feedback with student reflection or revision requirements.
- Emphasize sense-making over output generation.

Add This in Your Lesson

Have students compare their reasoning vs AI reasoning, identifying where human judgment adds value.

Avoid This Mistake

Treating AI-generated text as evidence of understanding.

Keywords

Hybrid intelligence; Learning analytics; Human cognition; Generative AI; AI pedagogy

Reference

Cukurova, M. (2025). The interplay of learning, analytics and artificial intelligence in education. *British Journal of Educational Technology*, 56, 469–488.

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