Sohdi, Reece (2025) Developing Critical Thinkers in the AI Era: New Paradigms for Higher Education. In: Advance HE Teaching and Learning Conference 2025, 01-03 Jul 2025, University of Sheffield.

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Developing Critical Thinkers in the AI Era

New Paradigms for Higher Education

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Reimagining Critical Thinking in the Age of AI

AI challenges traditional critical thinking models

Passive consumption vs. active inquiry

Need for deeper questioning, analysis, and ethical reflection

Hitch & Neary (2013)

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AI as a Tool *for* Critical Thinking

AI enables scenario-based, problem-solving learning

Real-time feedback supports reflection and revision

Students engage in ethical evaluation and data analysis

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Inclusive Pedagogies for an AI-Driven Future

Shift from content delivery to inquiry-based learning

Evaluate AI outputs critically: accuracy, bias, ethics

Promote diverse thinking and inclusive learning spaces

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How can we design learning experiences that use AI to enhance—not replace—students' ability to think critically, ethically, and independently?

How do we combat the "shallow learner" syndrome?

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