Artificial Intelligence in Education. Challenges and Opportunities for (Language) Learning & Teaching.

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Abstract

Like almost all sectors, education has also been impacted by recent developments in artificial intelligence (AI). From a realistic perspective, we explain **why** AI is crucial in empowering both the language learner, the language teacher, and the institution. We focus primarily on **what** AI specifically means for these three key actors in formal education. For the learner, this includes adaptive learning apps, open-ended tasks, and advanced forms of learner support. For the teacher, we address content creation, content recommendation, and classroom monitoring. Regarding the institution, we consider the monitoring of students at risk, student coaching, and the impact on administrative processes. We conclude with some reflections on **what's next**, in which we pay attention not only to further application possibilities, but also to the valid concerns associated with AI in education (AIED).

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