LEVERAGING AI FOR PERSONALIZED INSTRUCTION IN HIGHER EDUCATION: INITIAL FINDINGS FROM THE LEADER AI PROJECT

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Abstract

This paper presents preliminary findings of the LEADER AI, an Erasmus+ project aimed at equipping Higher Education Institutions (HEIs) with guidelines and resources for leveraging AI-based and data-driven tools for personalized instruction. Drawing upon a multifaceted research approach, this study conducted a desk research across four diverse countries (Greece, Malta, Italy, and Denmark), a focus group and a survey research in Greece. Both research tools were designed to elucidate the affordances and challenges associated with the adoption of AI-based and data-driven tools. Results provide valuable perspectives on the opportunities, barriers, and ethical considerations inherent in employing AI-based solutions for personalized instruction in HEIs.