

Harnessing AI-Thinking for Education

Artificial intelligence (AI) in conjunction with AI-Thinking can be harnessed by education researchers and policy makers to analyze data from pedagogical systems at the micro level (e.g., a class of students, or a school), at the meso level (e.g., multiple projects in a programmatic research), and at the macro level (e.g., multiple pedagogical systems in an educational ecosystem). Strategic oversights of pedagogical systems could be implemented using human-centric Explainable-AI technologies. This AI-based human-centric reasoning approach could contribute to the robustness and resiliency of pedagogical systems by predicting their performance-levels under various conditions to inform and advance the practices of policy makers and educational stakeholders.