Special Issue

The Application of a Large Language Model (LLM) in Education Reform and Innovation

Message from the Guest Editors

Large language models (LLMs), such as ChatGPT, represent cutting-edge generative AI technology with diverse applications in education. These systems support areas like curriculum design, data-driven teaching decision-making, evaluation, optimization, talent cultivation, and teaching innovation. LLMs are instrumental in promoting evidence-based curriculum design and teaching management, serving as a key link in education innovation. Their ability to analyze and process vast amounts of data provides a strong foundation for technological advancements and the development of high-quality, effective educational systems. Integrating LLMs into teaching processes enhances operational efficiency, teacher effectiveness in using data tools, and scientific proof for education strategies. Continuous reform and innovation in LLMs ensure they remain a driving force in advancing educational practices and fostering meaningful improvements in teaching quality and innovation.

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