

Building an intelligent advisory system for education using Deep Learning and LLM (RAG).

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Abstract: This topic focuses on building an intelligent advisory system for education based on Deep Learning and Retrieval-Augmented Generation (RAG) technology. In the current context, the need for personalization in teaching and learning creates a necessity for an effective solution. The objective of the research is to develop an intelligent advisory system that helps teachers and students easily access suitable learning content. The proposed method combines both technological theory and experimentation to ensure the system's high accuracy and applicability. The expected results from this research not only enhance the quality of teaching and learning but also contribute to the development of artificial intelligence in the field of education.

Keywords: Deep Learning, RAG, Smart Education, Academic Advising, Artificial Intelligence