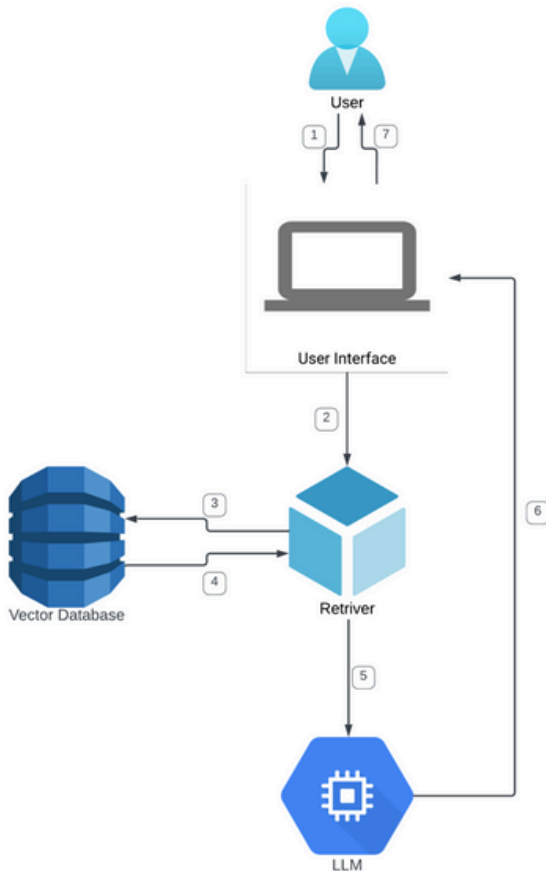


Course Recommendation System using a retrieval augmented generation (RAG) pipeline

GROUP 16



ARCHITECTURAL PIPELINE



Tired of Searching for Course Outlines ?

Development of the System

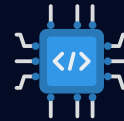
Introducing a course recommendation system utilizing a retrieval augmented generation (RAG) pipeline. It will consider various factors such as a student's academic year, cumulative GPA (cGPA), academic major, subject interests, and learning history to personalize recommendations.

Features and Benefits

The system will offer personalized course recommendations and workload predictions to assist students in making informed decisions about their academic paths. Additionally, it will provide self-study resources by identifying and retrieving recommended books from course outlines.



Reviews



Embedding



Database



Retriever



Chatbot

RAGs to Riches

This is a RAG model that can answer queries based on the past reviews and course outlines of various courses offered at LUMS.

query

How is the instructor for CS333: Intro to Artificial Intelligence?

Clear

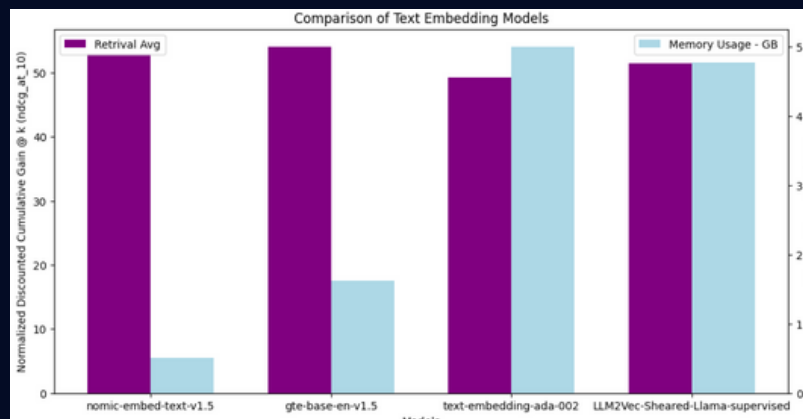
Submit

output

User: How is the instructor for CS333: Intro to Artificial Intelligence?
Assistant: Based on the course outlines and reviews available, I cannot directly provide information about a specific instructor's teaching style or effectiveness for CS333: Introduction to Artificial Intelligence. However, I can tell you that this course is a fundamental one that builds basic understanding of different AI-based systems, with a focus on formulating and solving underlying problems by introducing different algorithms. The course covers topics like Games and Search, Reasoning under uncertainty, and Machine Learning. The course is usually taught by Mian Muhammad Awais and Muhammad Tahir, but their teaching styles and effectiveness may vary. I recommend checking the course outline and reaching out to the department for the most up-to-date information.

Flag

Why Ollama Nomic Embed Text



Why Mistral-7B

