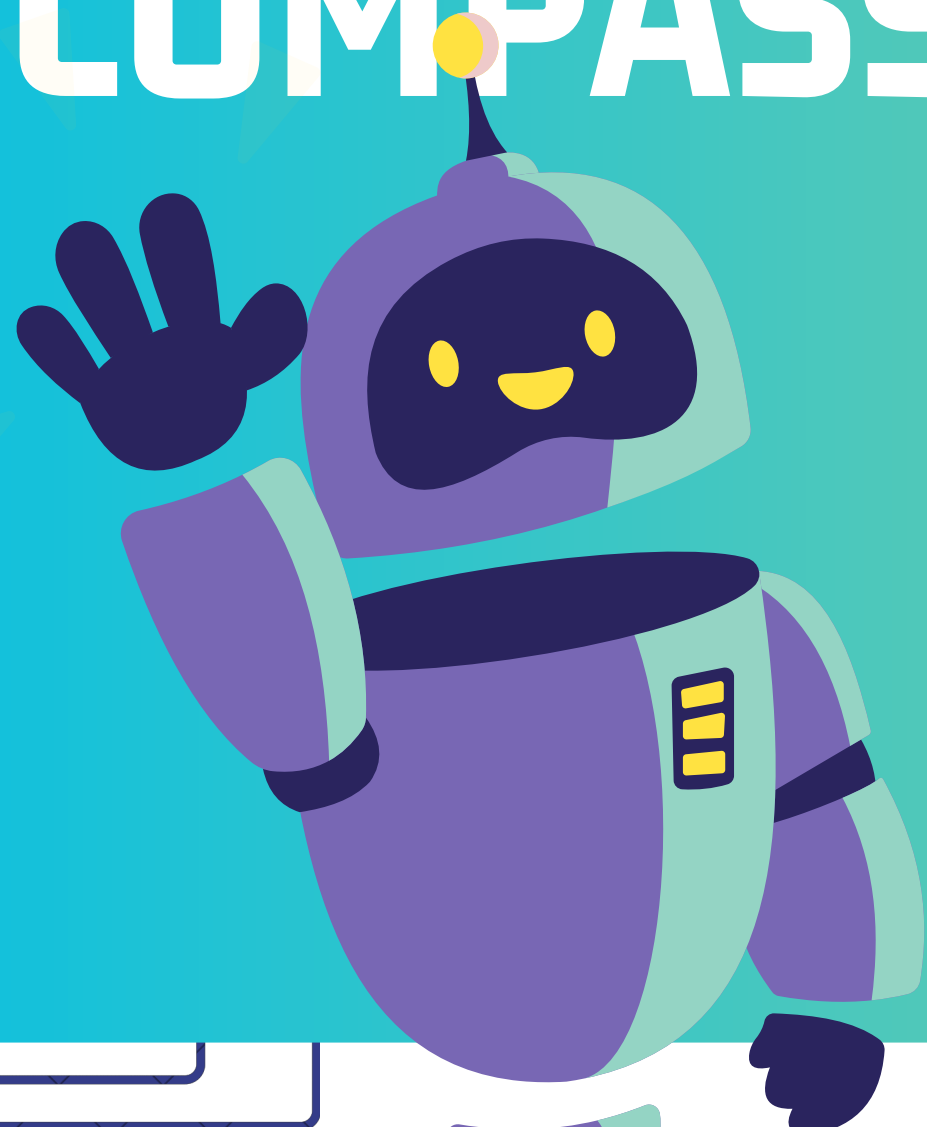




AL-POWERED CONTENT CURATION FOR EDTECH PLATFORMS

COURSE COMPASS



PROBLEM STATEMENT



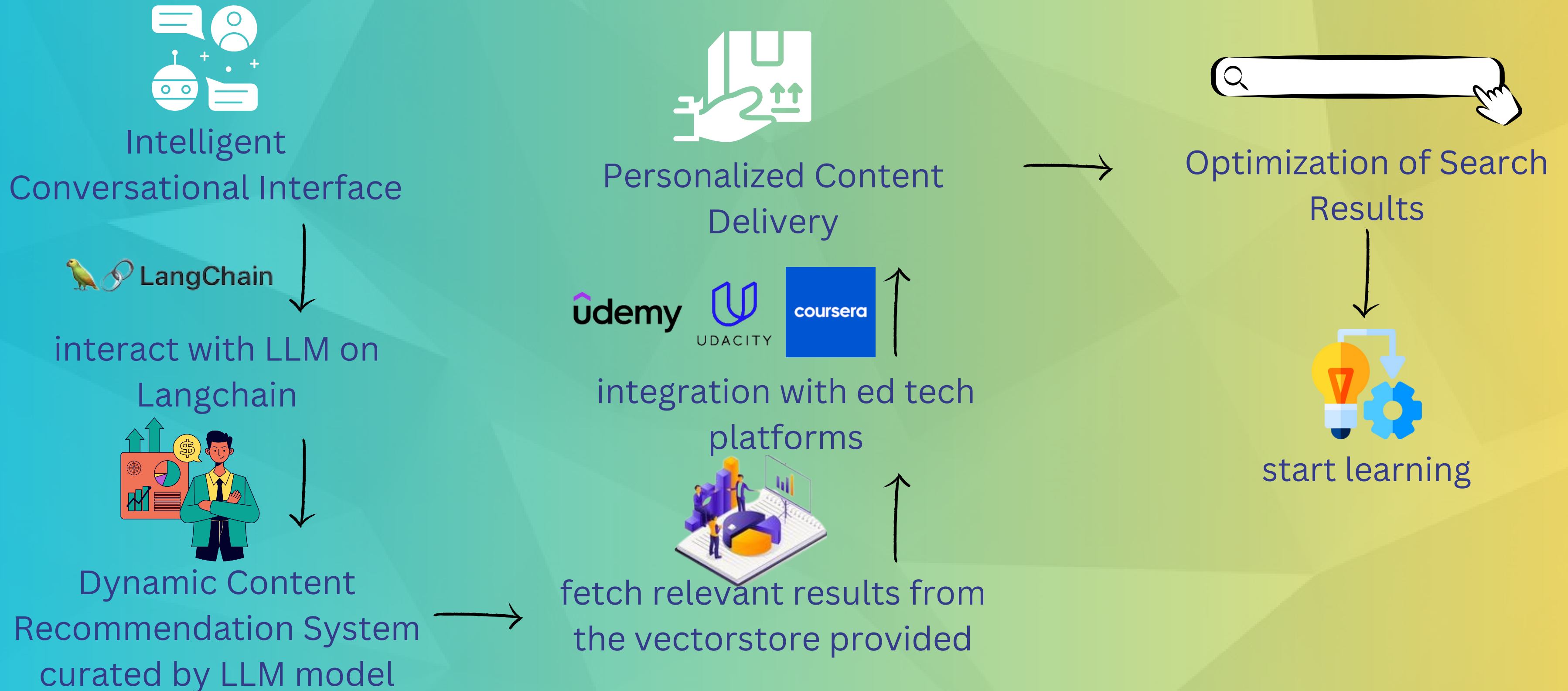
Develop an AI-powered content curation platform for educational websites and applications. The solution should use natural language processing (NLP) and machine learning to recommend relevant learning materials, personalize content delivery, and optimize search results based on user needs and learning goals. Bonus points: Integrate with popular content management systems and learning platforms for ease of implementation

SOLUTION

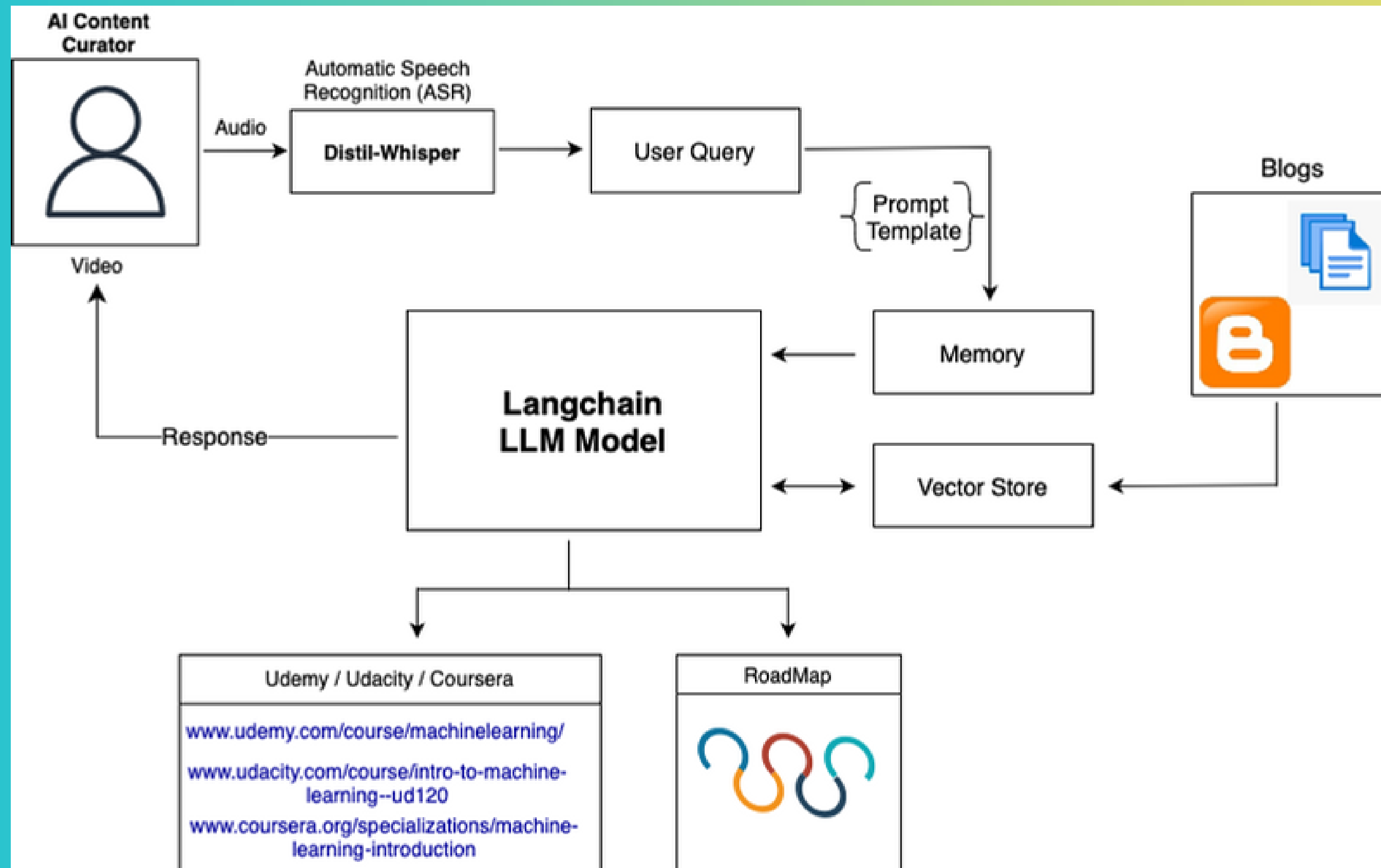
Forget rigid recommendation systems! – Conversational interfaces, LLMs, NLP, and machine learning join forces to understand your goals and deliver relevant, engaging content even better.

- Eliminating the "where do I start?" confusion.
- Scaling beyond traditional recommendations.
- Tailoring learning journeys to your unique needs.
- Seamless integration with leading edtech platforms like Udemy, Coursera, and Udacity.
- Ensuring a personalized, transformative learning experience.

METHODOLOGY



ARCHITECTURE DIAGRAM



STEPS



01

Talk to AI, let it get to know you

02

let it fetch the relevant results in a snap from the lightning speed vector DBs based on your personal interest

03

get a road map to your learning path

04

get a full curated list of links to courses on your preferred learning platforms. (udemy/udacity/coursera)

TECH STACK USED

HUGGING FACE

The open-source company is renowned for its significant contributions to the fields of machine learning and natural language processing (NLP).



VECTOR DATABASE

Vector databases are pivotal in applications where analyzing, retrieving, and processing information relies heavily on the relationships and spatial properties of data.



Gemini AI

Gemini, developed by Google DeepMind, is a family of multimodal large language models succeeding LaMDA and PaLM 2. It includes Gemini Ultra, Gemini Pro, and Gemini Nano.



LANGCHAIN

LangChain offers developers a versatile toolkit to harness the capabilities of LLMs, enabling the creation of innovative and engaging applications.



STREAMLIT

Streamlit is an open-source Python library for easily creating and sharing custom web apps in data science and machine learning, featuring interactive dashboards and visualizations.



THANKS YOU

