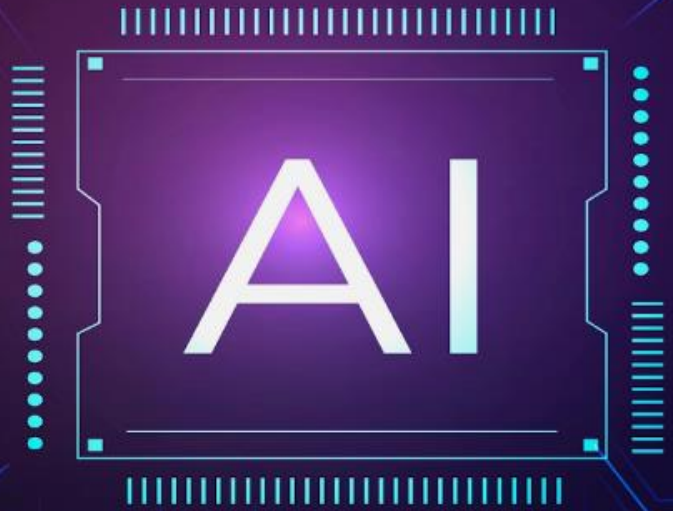
SHYENA TECH YARNS

A Data Science Company



Case Study

Legal Contract Summarization using Generation AI

www.shyenatechyarns.com

About the Client

The Client is a Legal Tech Company based in India

Business Problem

Our client, a prominent legal tech firm dealing with intricate contracts of varying lengths, faced a significant bottleneck in their contract review process. Manual summarization of large legal contracts, spanning from 10 pages to over 200 pages, was a time-consuming endeavor. Legal experts spent hours deciphering complex language, leading to prolonged contract review timelines. Seeking a solution to expedite this process and enhance efficiency, the client embarked on a mission to automate the contract summarization workflow.

Solution

Collaborating closely with the client, our team set out to develop an AI-powered platform that would revolutionize the contract review landscape. Among the multiple workflows, one critical task was automating the summarization of large legal contracts. Recognizing the potential of AI, we integrated the GPT-3.5 Turbo 16K LLM into the platform's architecture.

Utilizing GPT-3.5 Turbo's advanced natural language processing capabilities, we engineered a novel solution to generate concise and contextually relevant summaries of complex legal documents. To ensure accuracy and relevance, we performed meticulous prompt engineering, refining the prompts to extract the essence of the contracts effectively.

Outcome

The outcomes of our AI-powered contract summarization solution were remarkable and transformative. What once took legal experts several hours, sometimes exceeding four hours, was now reduced to mere minutes. The platform's integration significantly accelerated the contract review process, unlocking newfound efficiency and productivity.

The GPT-3.5 Turbo 16K LLM demonstrated its prowess in comprehending intricate legal language and distilling it into coherent and succinct summaries. By automating the summarization workflow, our solution not only expedited the review process but also minimized the chances of human error, ensuring consistent and accurate summaries. The client's legal experts embraced the AI-powered platform wholeheartedly, appreciating the time savings and improved accuracy. Freed from the arduous task of manual summarization, they could redirect their efforts towards higher-level analysis and strategic decision-making.

In conclusion, the successful implementation of our AI-powered contract summarization solution exemplified the convergence of cutting-edge technology and legal expertise. By automating a labor-intensive task, we empowered the client to navigate the complex landscape of legal contract review with unprecedented speed and precision.

Technology Used

Python, Natural Language Processing, Generative AI, GPT 3.5 Turbo, Zero Shot Learning, Django RESTful APIs

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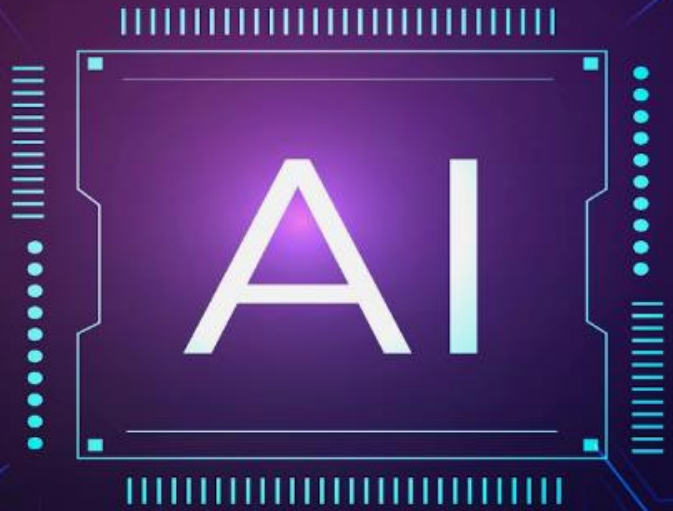

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