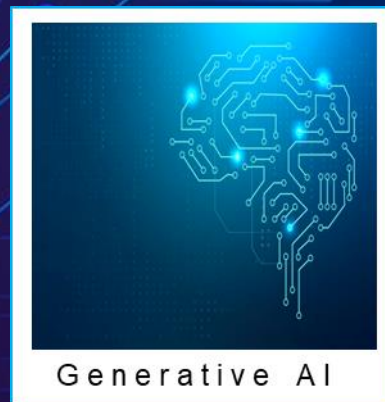




SHYENA
TECH YARNS

A Data Science Company



Case Study

Automated Leadership
Content Text
Summarization with
Generation AI

About the Client

The Client is a Top Leadership and Management Institution in India

Business Problem

Our client, a prominent player in the leadership and management domain, faced a common challenge: efficiently summarizing lengthy leadership articles. Manual text summarization was time-consuming and prone to subjective interpretations. They sought a solution to automate this process while maintaining accuracy and relevance in the summaries. They want to run a pilot to check the solution feasibility

Solution

To address this challenge, we proposed leveraging Generative AI, a technology renowned for its natural language understanding and generation capabilities. Our team embarked on a pilot project to determine the feasibility of automating manual text summarization using state-of-the-art transformer models. We experimented with multiple transformer models, including GPT-2, T5, and Pegasus. Each model exhibited varying degrees of summarization quality, offering distinct perspectives on the same content. By fine-tuning these models on a dataset of leadership articles, we aimed to harness their generative power to produce concise yet informative summaries.

Outcome

The results of our pilot project were promising and insightful. We observed that Generative AI models indeed possess the potential to automate manual text summarization tasks. Each model provided unique summaries, showcasing the versatility of their generative capabilities.

The client was able to experience firsthand the efficiency gains that Generative AI could bring to their summarization processes. While the generated summaries demonstrated accurate content capture, the need for a "human in the loop" for verification became evident. This validation step ensured that the summaries aligned with the intended messages and accurately conveyed the original article's essence.

In conclusion, our pilot project successfully showcased the viability of Generative AI for automating text summarization in the leadership domain. The project's outcomes underscored the importance of a collaborative approach, with Generative AI assisting human reviewers in achieving accurate and contextually relevant summaries.

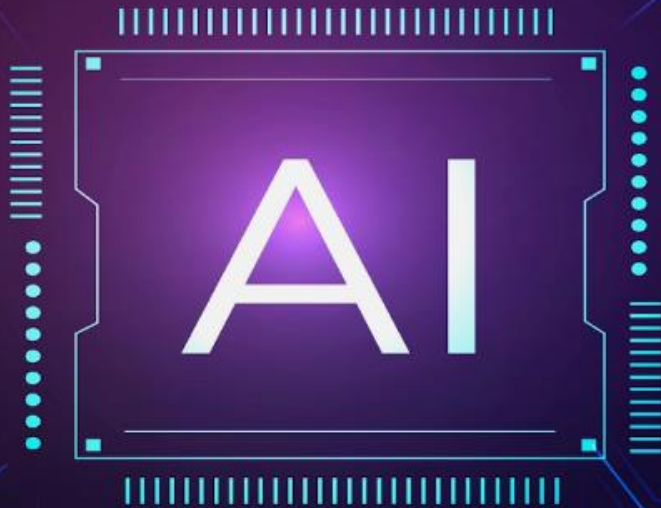
Technology Used

Python, Natural Language Processing, Generative AI, GPT-2, T5, Pegasus, Django APIs



SHYENA
TECHYARNS

A Data Science Company



Office Locations

Pune, India

3rd floor, Sargam Tower
Anna Saheb Chirmule
Path, Neel Kamal
Society, Karve Nagar,
Pune 411052

Middletown, USA

651 N. Broad St.
Suite 206,
Middletown,
DE
19709

London, UK

Suite 858,
Unit 3A,
34-35 Hatton Garden,
Holborn, London,
EC1N 8DX

Email us for your technology needs
contact@shyenatechyarns.com

Schedule an appointment on
www.shyenatechyarns.com