Summer Training TR-103 Prompt Engineering

Day 5 Report

Task 1

• To develop a Python-based chatbot that interacts with the user in a loop.

• To accept a website URL input from the user.

• To automatically fetch and clean the website's HTML content

• To summarize the cleaned content using Google's model.

• To generate the summary in a well-structured Markdown format using

headings, bullet points.

• To extract and categorize Internal links and External links.

• To save each website's summary in a uniquely named .md file based on its

URL.

• To display both the generated summary and the extracted links in the

console.

• To provide an interactive loop allowing users to summarize multiple

websites one after another.

Task 2

• Prompt the user to enter a text description (prompt) for the image they want

to generate.

• Use the Hugging Face Inference API to send the user's prompt to the

stabilityai/stable-diffusion-3.5-large model.

• Authenticate the API request using a valid Hugging Face access token.

• Use the Python Imaging Library (PIL) to read and display the image to the

user.