Glosity Data-Science Internship Task

Task: Text Summarization Service

Objective: Develop a text summarization service using NLP techniques, integrated into a Flask app, to generate concise summaries from long documents.

Skills Required:

- Strong grasp of NLP concepts (tokenization, embeddings, summarization techniques).
- Proficiency in NLP models and Python programming.
- Experience with NLTK, Flask, and text data vectorization.

Expectations from Candidates:

- Build and train a text summarization model (extractive or abstractive).
- Integrate the model into a Flask app for user input and summary generation.
- Ensure coherent, accurate summaries retaining key information.
- Design an intuitive Flask app interface for document input and summaries.

Project Deliverables:

- Functional Flask app generating concise document summaries.
- User-friendly interface facilitating document input/output.

Video Presentation Requirement:

- Provide a video explanation, upload it to your Google Drive, and share the video link in the Google Form. Ensure the video is set to public access.
- Problem statement and approach.
- NLP techniques and model usage.
- Functionality of the Flask app and its inner workings.
- Text preprocessing, vectorization, and summarization process.