
Text_and_Wikipedia_Summeriser

Web Application User Guide

Introduction

Overview of the User Guide

Welcome to the User Guide for the "Text and Wikipedia summarizer" web application. This user guide provides comprehensive instructions on how to effectively use the Text Summarization web application. Whether you need to summarize your own text documents or extract key information from Wikipedia articles, this guide will walk you through the application's functionalities, features, and best practices.

Purpose of the Application

The Text Summarization web application serves as a user-friendly tool for simplifying the process of generating concise summaries from text documents. Its primary purpose is to enhance user productivity by offering two main functions: summarizing user-provided text and summarizing Wikipedia articles. This application aims to streamline text summarization tasks for various purposes, including research, content curation, and information retrieval.

Getting Started

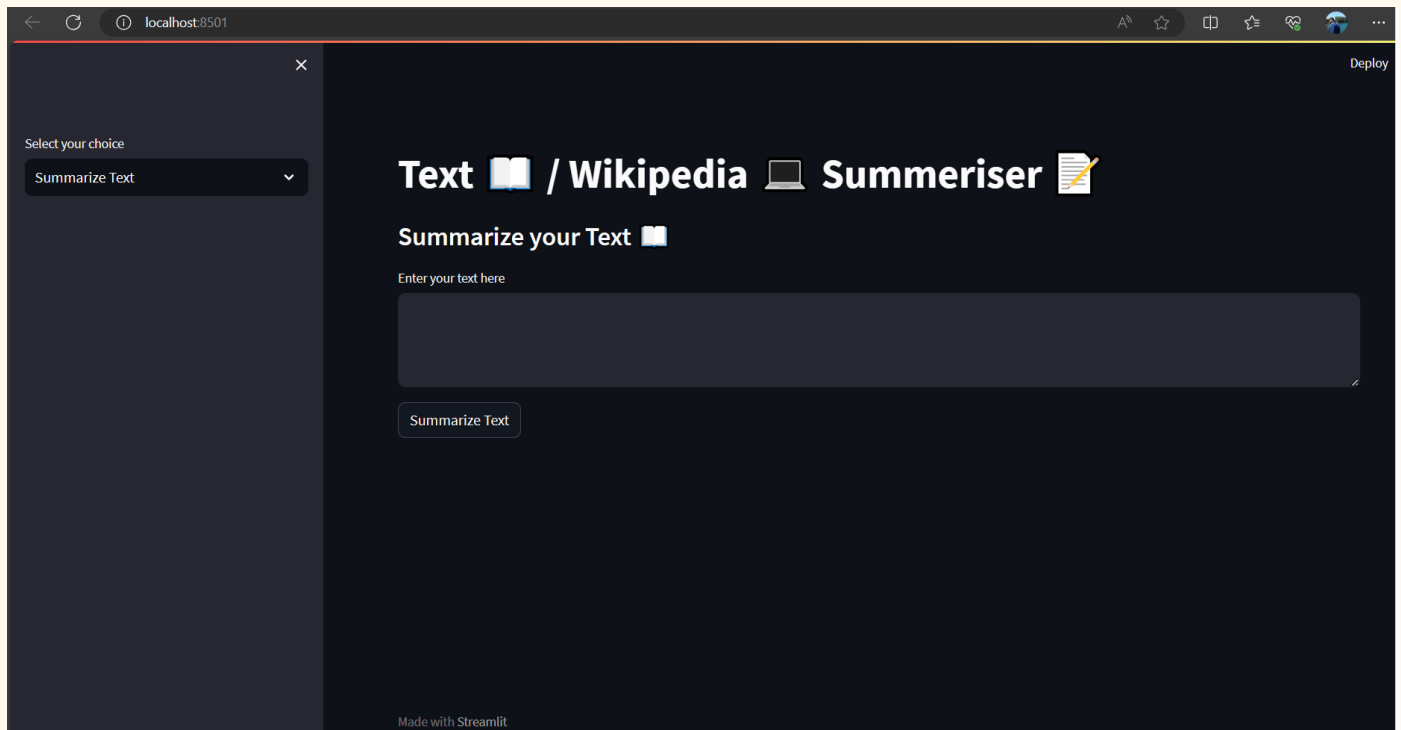
System Requirements

Before diving into the application, ensure that your system meets the following requirements:

- Operating System: Windows, macOS, or Linux
- Web Browser: Chrome, Firefox, Safari, or Edge
- Internet Connection

Access the Application: Open a web browser and navigate to the URL where the Text Summarization web application is hosted.

Select Your Choice: Upon launching the application, you will be presented with a choice to select between "Summarize Text" and "Summarize Wiki."

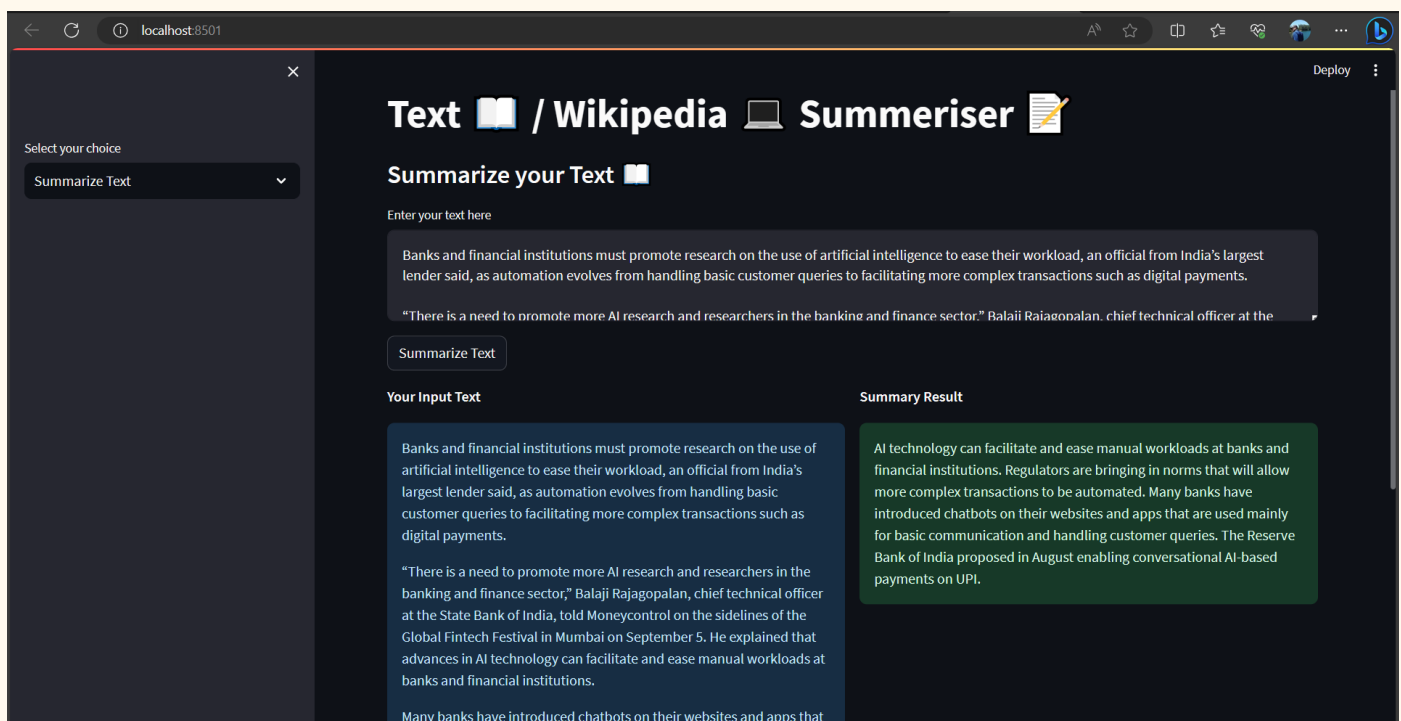


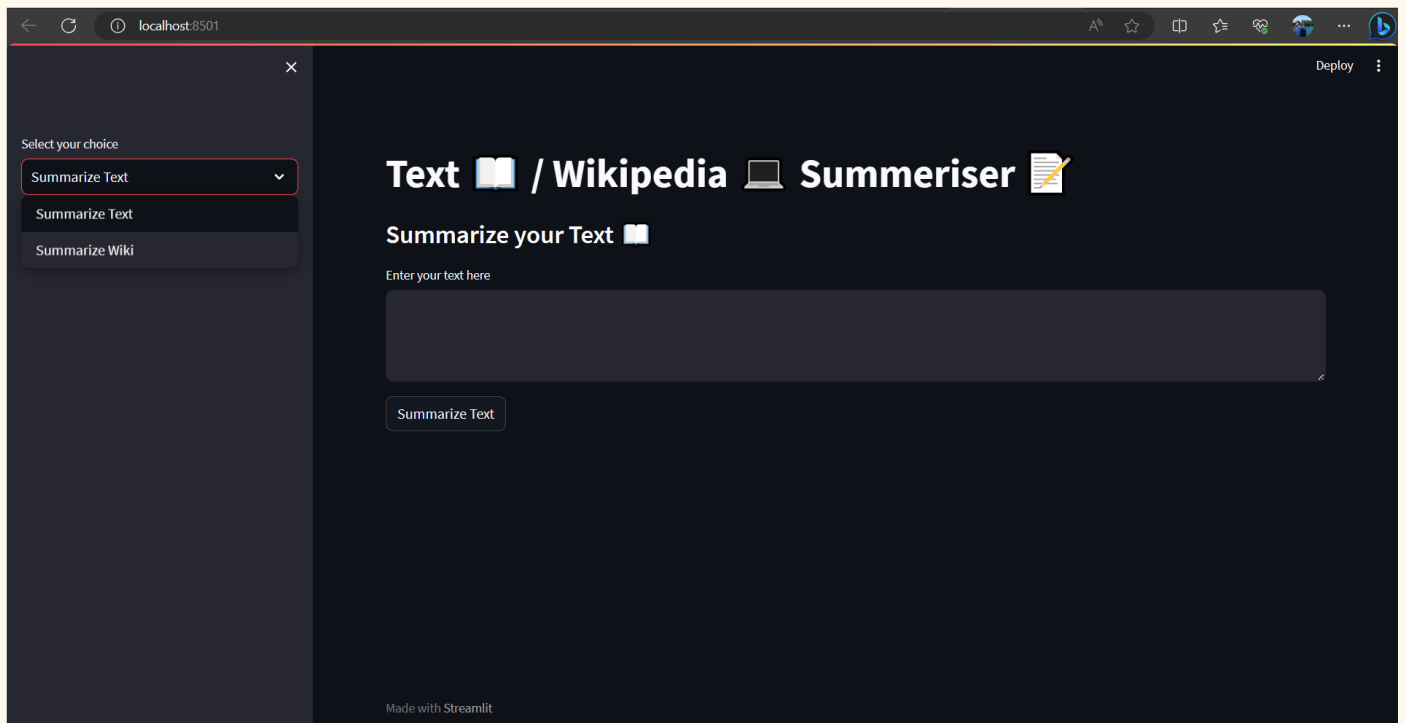
Summarize Text

If you choose "Summarize Text," you can summarize your own text documents:

- Select "Summarize Text."
- *Enter Your Text:* In the text area provided, paste or type the text that you want to summarize.
- *Click "Summarize Text":* After entering your text, click the "Summarize Text" button.

View the Result: The application will display both your input text and the summary generated from it.

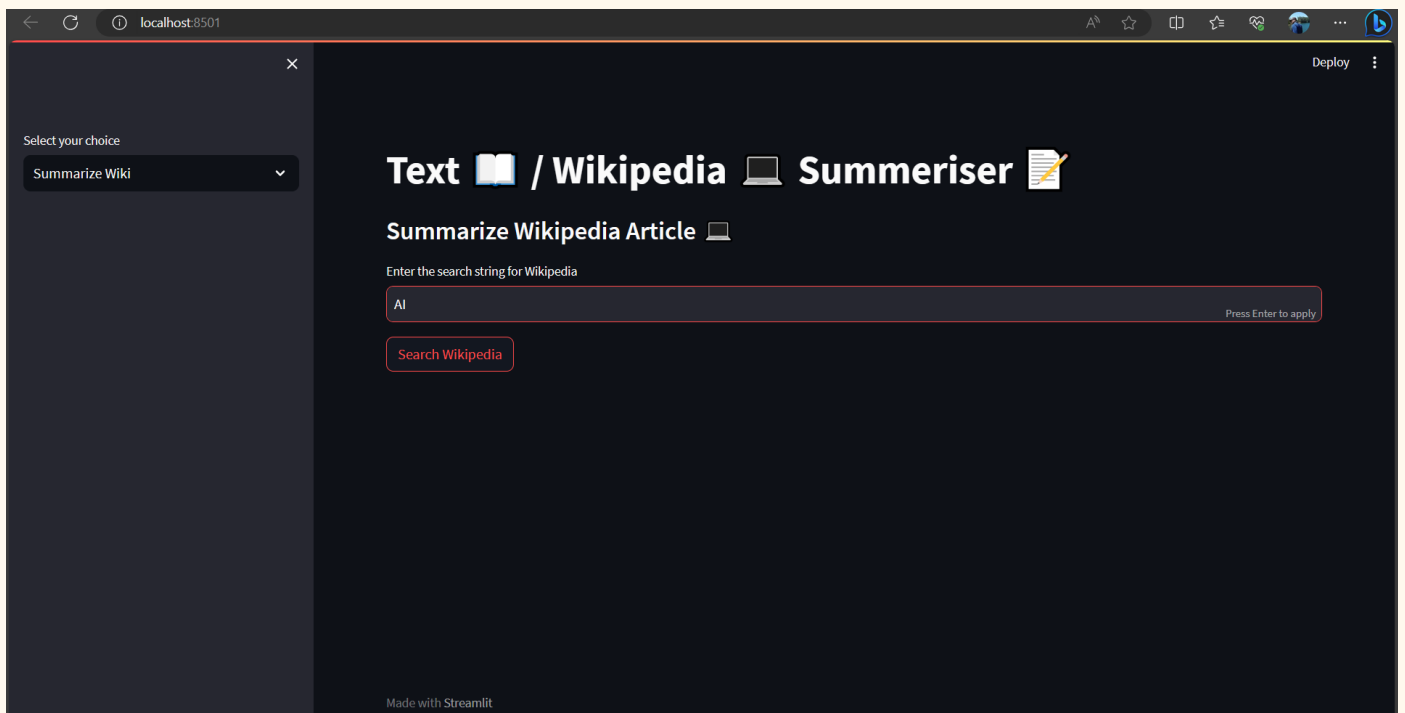




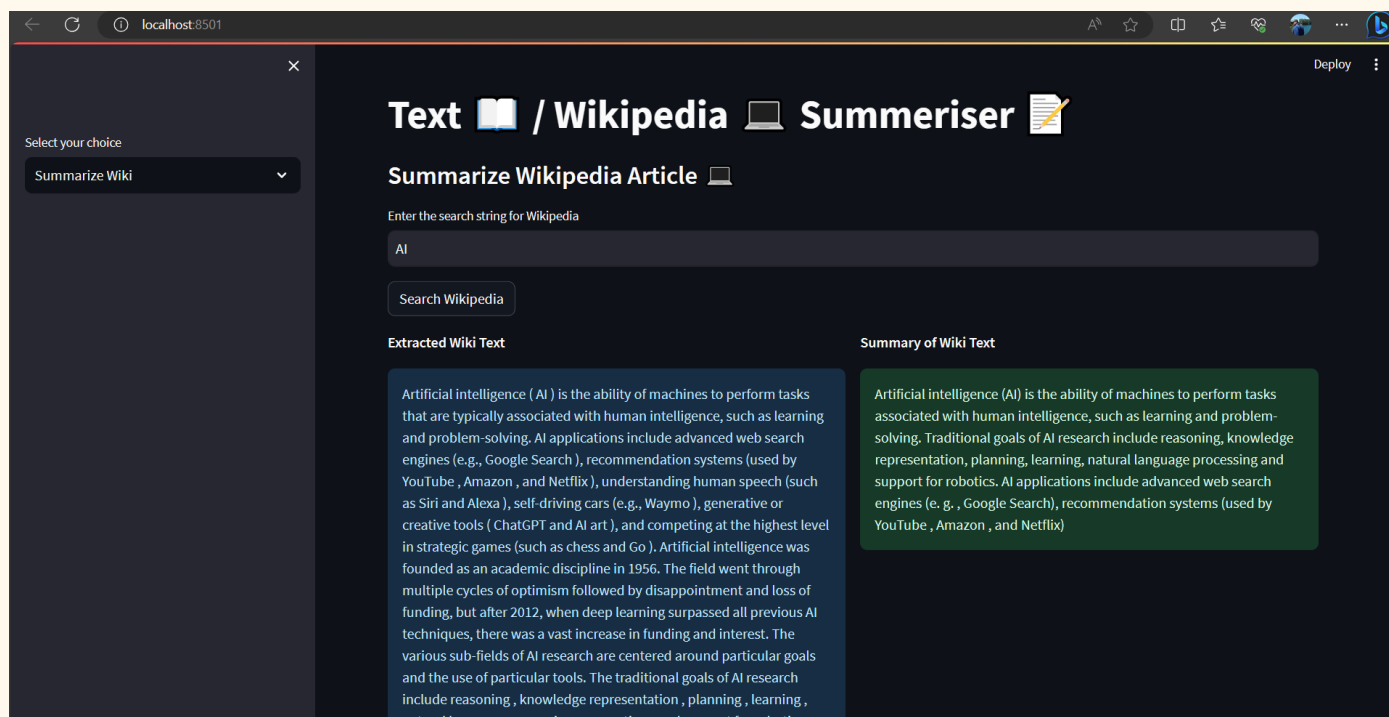
Summarize Wikipedia Article

If you choose "Summarize Wiki," you can search for and summarize Wikipedia articles:

- Select "Summarize Wiki."
- *Enter Search Query:* In the text input field provided, enter the search query for the Wikipedia article you want to summarize.
- *Click "Search Wikipedia":* After entering your search query, click the "Search Wikipedia" button.



View the Result: The application will display both the extracted text from the Wikipedia article and the summary generated from it.



Step-by-Step Guide

1. Clone the project repository from GitHub: `git clone <https://github.com/raviteja-padala/Text and Wikipedia Summeriser.git>`

2. Navigate to the project directory: `cd Text and Wikipedia Summeriser`

3. Create a Virtual environment: `python3.8 -m venv env`

4. Activate Virtual environment: `source env/bin/activate`

3. Install project dependencies: `pip install -r requirements.txt`

4. Run the Streamlit application: `streamlit run app.py`

Conclusion

The Text Summarization web application simplifies the process of summarizing text for various purposes. Whether you want to generate a summary for your own text or extract key information from Wikipedia articles, this application provides a user-friendly interface to streamline the process. Please keep in mind the limitations and tips mentioned above for the best user experience.