Virtual Assistant in Python

This project is a Python-based virtual assistant named 'Friday' that integrates various technologies to provide a seamless user experience. It leverages speech_recognition for capturing and interpreting voice commands, pyttsx3 and gTTS for text-to-speech functionality, and pygame for audio playback. The assistant can perform various tasks, including opening popular websites like Google, YouTube, and Facebook, playing songs using predefined links, and fetching the latest news headlines through the NewsAPI. Additionally, it utilizes OpenAI's GPT-3.5 Turbo model to process and respond intelligently to user queries, ensuring versatility in general tasks. Designed with modularity in mind, 'Friday' combines AI-driven capabilities with real-time interaction to emulate functionalities similar to popular virtual assistants like Alexa or Google Assistant.