🧠 ALPHA ASSISTANT – PYTHON LIBRARY OVERVIEW

This assistant uses a curated set of Python libraries to enable voice interaction, system control, and automation. Each library plays a specific role in making Alpha responsive, intelligent, and user-friendly.

📦 LIBRARIES AND THEIR ROLES

- **pyttsx3:**
  Enables text-to-speech functionality. It allows Alpha to speak responses using system voices, making interactions more natural and engaging.

- **SpeechRecognition:**
  Captures and interprets spoken commands. It listens through the microphone and converts your voice into text that Alpha can understand.

- **Datetime:**
  Handles date and time operations. Alpha uses it to tell the current time, date, and day.

- **Os:**
  Interfaces with the operating system. It helps Alpha open or close applications like Edge or Notepad.

- **Wikipedia:**
  Fetches summaries from Wikipedia. Alpha uses it to provide quick, spoken explanations of topics you ask about.

- **Pywhatkit:**
  Automates tasks like playing YouTube videos. Alpha uses it to search and play content based on your voice commands.

- **Pyautogui:**

  Controls the mouse and keyboard. It allows Alpha to type notes, save files, take screenshots, and simulate shortcuts.

- **Time:**

  Manages delays and timing. It ensures smooth transitions between actions like typing and saving.

- **Psutil:**

  Monitors system performance. Alpha uses it to report CPU usage, RAM status, battery level, and to close specific browser tabs.