**AI-Powered YouTube Video Summarization & Analysis**

What does this do?

* **Listens for Incoming Requests:** It starts by waiting for a POST request at the /ytube endpoint, expecting to receive a YouTube URL.
* **Grabs the YouTube URL:** Once a request comes in, it pulls out the YouTube URL from the message.
* **Extracts the Video ID:** Using a smart little regex trick, it digs out the video ID from that URL.
* **Fetches Video Details:** It then goes to YouTube to grab details like the video’s title, description, and other info.
* **Gets the Transcript:** The automation retrieves the video’s transcript and breaks it into manageable chunks.
* **Prepares the Transcript:** It combines those chunks into one big block of text, making it ready for further analysis.
* **Summarizes the Transcript:** A language model (think of it as a clever assistant) steps in to create a neat, markdown-formatted summary of the transcript.
* **Creates a Response:** Finally, it bundles the summary along with the video details and original URL into a response object.
* **Sends Out the Response:** The summary is then sent back via the original webhook response and even gets a Telegram message shoutout with the video title and URL.