

**SRINIVASA RAMANUJAN INSTITUTE OF TECHNOLOGY
(AUTONOMOUS)**

(Affiliated to JNTUA, accredited by NAAC with 'A' Grade, Approved by AICTE &
Accredited by NBA (EEE, ECE & CSE))

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ABSTRACT

Title: YouTube Video Summarizer

Youtube summarizer will summarize the content of the video by keeping all the important points and making it short and easily understandable.

Summarizing transcripts of such videos automatically allows us to quickly look out for the important patterns in the video and helps us to save time and efforts to go through the whole content of the video.

This Project is a Python application that allows you to summarize the content of a YouTube video using OpenAI's GPT-3.5 language model and Langchain. The application get the transcription provided by YouTube, chunks the Transcription with Langchain and generates a summary in the language of the youtube video.

Features

- Get the Transcription from Youtube
- Chunks the transcriptions with Langchain
- Summarizes transcribed text using OpenAI's GPT-3.5 model
- Built with Streamlit for an easy-to-use web interface

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