

Report LLM Task

1. **convert_video_to_audio(video_path, audio_path) function** takes a video file path (**video_path**) and an output audio file path (**audio_path**). It uses the **moviepy** library to load the video, extract its audio, and then write the audio to the specified file path.
2. **transcribe_audio_with_llm_gpt(audio_path) function** uses OpenAI's GPT-3.5 Turbo model for audio transcription. It sends a prompt to the model, asking it to transcribe the provided audio file path. The resulting transcribed text is then returned.
3. **transcribe_audio_with_llm_whisper(audio_path) function** uses OpenAI's Whisper-1 model for audio transcription. It sends the audio file directly to the model and receives the transcribed text as a response.
4. **save_transcribed_text_gpt** and **save_transcribed_text_whisper functions** save the transcribed text to a specified file path. The **save_transcribed_text_gpt** function is for GPT-3.5 Turbo, and the **save_transcribed_text_whisper** function is for the Whisper-1 model.

The Example usage demonstrates how to use the functions by providing a video file path, converting it to audio, transcribing the audio using GPT-3.5 Turbo and Whisper-1, and saving the transcribed text to specified output files.