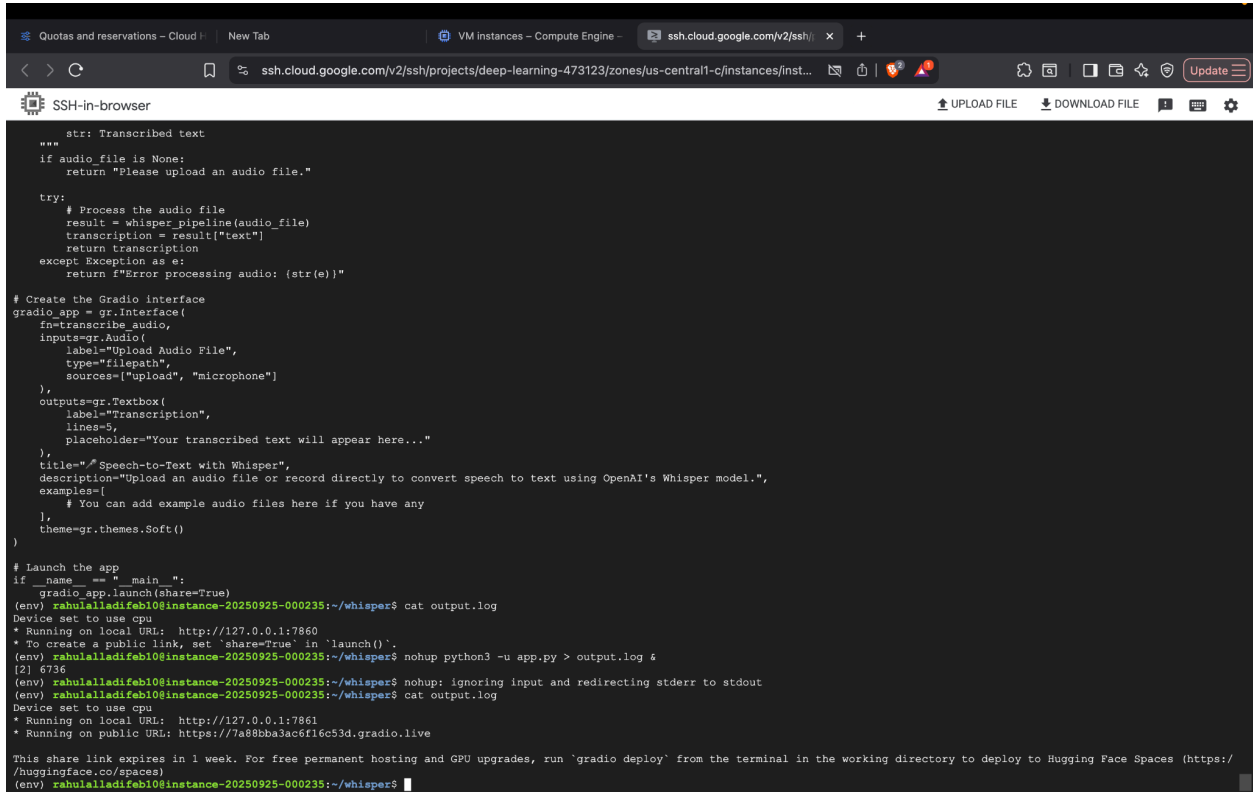


# Deep Learning

## HW 4

Application at HF Space:- <https://huggingface.co/spaces/RahulAlladiUchiha/whisper>

Gradio.live:- <https://7a88bba3ac6f16c53d.gradio.live/>



```
SSH-in-browser
UPLOAD FILE
DOWNLOAD FILE
[Icons] [Update]

str: Transcribed text
"""
if audio_file is None:
    return "Please upload an audio file."

try:
    # Process the audio file
    result = whisper_pipeline(audio_file)
    transcription = result["text"]
    return transcription
except Exception as e:
    return f"Error processing audio: {str(e)}"

# Create the Gradio interface
gradio_app = gr.Interface(
    fn=transcribe_audio,
    inputs=gr.Audio(
        label="Upload Audio File",
        type="filepath",
        sources=["upload", "microphone"]
    ),
    outputs=gr.Textbox(
        label="Transcription",
        lines=5,
        placeholder="Your transcribed text will appear here..."
    ),
    title="Speech-to-Text with Whisper",
    description="Upload an audio file or record directly to convert speech to text using OpenAI's Whisper model.",
    examples=[
        # You can add example audio files here if you have any
    ],
    theme=gr.themes.Soft()
)


# Launch the app
if __name__ == "__main__":
    gradio_app.launch(share=True)
(env) rahulalladifeb10@instance-20250925-000235:~/whisper$ cat output.log
Device set to use cpu
* Running on local URL: http://127.0.0.1:7860
* To create a public link, set 'share=True' in 'launch()'.
(env) rahulalladifeb10@instance-20250925-000235:~/whisper$ nohup python3 -u app.py > output.log &
[2] 6736
(env) rahulalladifeb10@instance-20250925-000235:~/whisper$ nohup: ignoring input and redirecting stderr to stdout
(env) rahulalladifeb10@instance-20250925-000235:~/whisper$ cat output.log
Device set to use cpu
* Running on local URL: http://127.0.0.1:7861
* Running on public URL: https://7a88bba3ac6f16c53d.gradio.live

This share link expires in 1 week. For free permanent hosting and GPU upgrades, run 'gradio deploy' from the terminal in the working directory to deploy to Hugging Face Spaces (https://huggingface.co/spaces)
(env) rahulalladifeb10@instance-20250925-000235:~/whisper$
```

Course: Com x Course: Com x Google Gemini x Perceptrons x M Perceptron L x (16) Percept x Inbox (17,88 x Inbox (9,191 x Speed x +


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New Chrome available


 **Speech-to-Text with Whisper**



Upload an audio file or record directly to convert speech to text using OpenAI's Whisper model.

Upload Audio File



0:04 0:04





Transcription

I bet you did not know this.

Flag

Clear

Submit

Use via API  · Built with Gradio  · Settings 