

Speech to Text (Python)

A simple Python script to record audio from your microphone and convert it to text using Google Speech Recognition API.

Features

- Records microphone input
 - Saves audio as WAV file
 - Converts speech to text
 - Deletes audio file after processing
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Requirements

Install dependencies:

bash

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```
pip install speechrecognition sounddevice numpy scipy
```

How to Use

1. Run the script:

bash

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```
python speech_to_text.py
```

2. Speak clearly into your microphone for 15 seconds.
 3. The text will be printed in your terminal.
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Output Example

vbnet

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Recording for 15 seconds...

Audio saved as recording.wav

Converting speech to text...

Result: Hello, this is a test.

Notes

- Requires an internet connection
- Make sure your microphone is working