

Accent Detector - Setup Instructions

1. Clone the repo

```
git clone https://github.com/your-username/accent-detector.git  
  
cd accent-detector
```

2. Create a virtual environment

```
python -m venv venv
```

3. Activate the virtual environment

For Windows CMD:

```
venv\Scripts\activate
```

For PowerShell:

```
.\venv\Scripts\Activate.ps1
```

For Linux/macOS:

```
source venv/bin/activate
```

4. Install required Python packages

```
pip install -r requirements.txt
```

5. Add your Gemini API key

Create a .env file inside the utils/ folder with the following:

```
GOOGLE_API_KEY=your_google_gemini_api_key_here
```

6. Ensure FFmpeg is installed and added to PATH

Download: <https://www.gyan.dev/ffmpeg/builds/>

Test with: `ffmpeg -version`

7. Run the Flask app

```
python app.py
```

The server will start at `http://127.0.0.1:5000`

8. Test the API

Endpoint: POST `http://127.0.0.1:5000/analyze`

Body (JSON):

```
{  
  "video_url": "https://somevideo.com/video.mp4"  
}
```