Local Deployment Guide: AI Transcript Scoring Tool

This guide provides the exact steps needed to install the dependencies and run the scoring tool locally on your machine.

Step 1: Python Environment Setup

The script requires **Python 3.x**. If you don't have Python installed, please download it from [python.org].

1.1 Create a Virtual Environment (Recommended)

Using a virtual environment prevents conflicts with your system's other Python projects.

Create a new environment named 'transcript_env'

python3 -m venv transcript_env

Activate the environment

On macOS/Linux:

source transcript_env/bin/activate

On Windows (Command Prompt):

transcript_env\Scripts\activate.bat

On Windows (PowerShell):

transcript_env\Scripts\Activate.ps1

(Your terminal prompt should now show (transcript_env).)

Step 2: Install Dependencies

With the environment activated, install the required libraries using the requirements.txt file (or install them directly).

If you have saved the requirements.txt file:

pip install -r requirements.txt

Alternatively, install manually:

pip install Flask nltk

2.1 Download NLTK Data

The script uses NLTK's word_tokenize, which requires the punkt resource. You must run this command *once* to download the data:

python -c "import nltk; nltk.download('punkt')"

Step 3: Run the Application

3.1 Save the Script

Ensure the file named app.py (containing the full Flask code) is saved in your project directory.

3.2 Execute the Server

Run the Python file. Flask will start the development server.

python app.py

3.3 Access the Tool

The output in your terminal will look something like this:

* Running on [http://127.0.0.1:5000/] (http://127.0.0.1:5000/) (Press CTRL+C to quit)

1. **Open your web browser.**
2. **Navigate to the provided address:** http://127.0.0.1:5000/

You can now paste your transcript and duration into the form and use the scoring tool.