

Getting Started with MoveMatch

Welcome to MoveMatch! This guide will walk you through setting up and running the MoveMatch app locally.

Prerequisites

- Python 3.10+
 - pip (Python package manager)
 - Git
 - virtualenv (optional, but recommended)
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Installation

1. Clone the Repository

```
git clone https://github.com/MoveMatch17356/MoveMatch.git
cd movematch
```

2. Set Up the Virtual Environment

```
python3 -m venv venv
source venv/bin/activate # On Windows use: venv\Scripts\activate
```

3. Install Dependencies

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

Running the App

4. Start the Django Development Server

```
python manage.py runserver
```

Navigate to <http://127.0.0.1:8000> in your browser.

Usage Flow

1. Home Screen

Click "Start" to begin.

2. Select Sport

Pick a sport from the dropdown (e.g., Tennis).

3. Select Technique

Choose a technique specific to the selected sport (e.g., Forehand).

4. Upload Videos

Upload your performance video and a comparison video of a pro athlete.

5. Get Results

After analysis, you'll see:

- Side-by-side middle frames of both videos
- Bullet-point feedback generated by an AI coach

Notes

- Sample videos can be found in the `sample_inputs/` directory (optional setup).
- The app uses Google Gemini for feedback generation. If needed, configure your API key in `.env`.

Issues & Contributions

For bugs, feature requests, or contributions, please visit our GitHub repository:

 [MoveMatch GitHub Issues](#)

We welcome your feedback and contributions!

Happy training! 
