**Good Morning App API**

This repository contains a Python script for the Good Morning App API. The API greets the user every morning and provides the latest weather and news based on their location. It integrates Dappier's real-time RAG model to fetch live data and OpenAI's ChatGPT to generate a friendly, conversational response.

**Overview**

The Good Morning App API performs the following steps:

1. **Receives User Input**: Prompts the user to enter their location.
2. **Fetches Live Data from Dappier API**:
   * **Weather Information**: Retrieves the current weather for the specified location.
   * **News Information**: Retrieves the latest news headlines for the same location.
   * **Purpose**: Dappier's API provides real-time data essential for creating personalized content.
3. **Generates a Response using ChatGPT**:
   * Combines the fetched weather and news data into a prompt.
   * Uses OpenAI's ChatGPT to generate a playful, conversational message.
   * **Includes**:
     + A warm greeting.
     + Weather update.
     + News highlight.
     + A joke to brighten the user's day.
     + A follow-up question to encourage engagement.
   * **Purpose**: ChatGPT enhances user interaction by generating natural and engaging text.
4. **Displays the Response**: Outputs the generated message to the user in a structured format.

**Usage**

To run the script:

1. **Ensure API Keys are Set**:
   * Obtain your API keys from Dappier and OpenAI.
   * Insert your API keys into the script where indicated:

python

openai.api\_key = 'your\_openai\_api\_key'

DAPPIER\_API\_KEY = 'your\_dappier\_api\_key'

* + **Note**: Keep your API keys secure and do not share them publicly.

1. **Run the Script**:

bash

python good\_morning\_app.py

1. **Enter Your Location**: When prompted, input your location:

java

Enter your location (e.g., "Austin, TX"):

**Example Output**

After entering your location, you will receive a response like:

json

{

"Response": "Good morning! ☀️ It's a beautiful sunny day in Austin today—perfect for a morning jog! Did you hear about the new art festival starting downtown? 🎨 Here's a joke to kickstart your day: Why don't scientists trust atoms? Because they make up everything! 😂 Any exciting plans for today?"

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