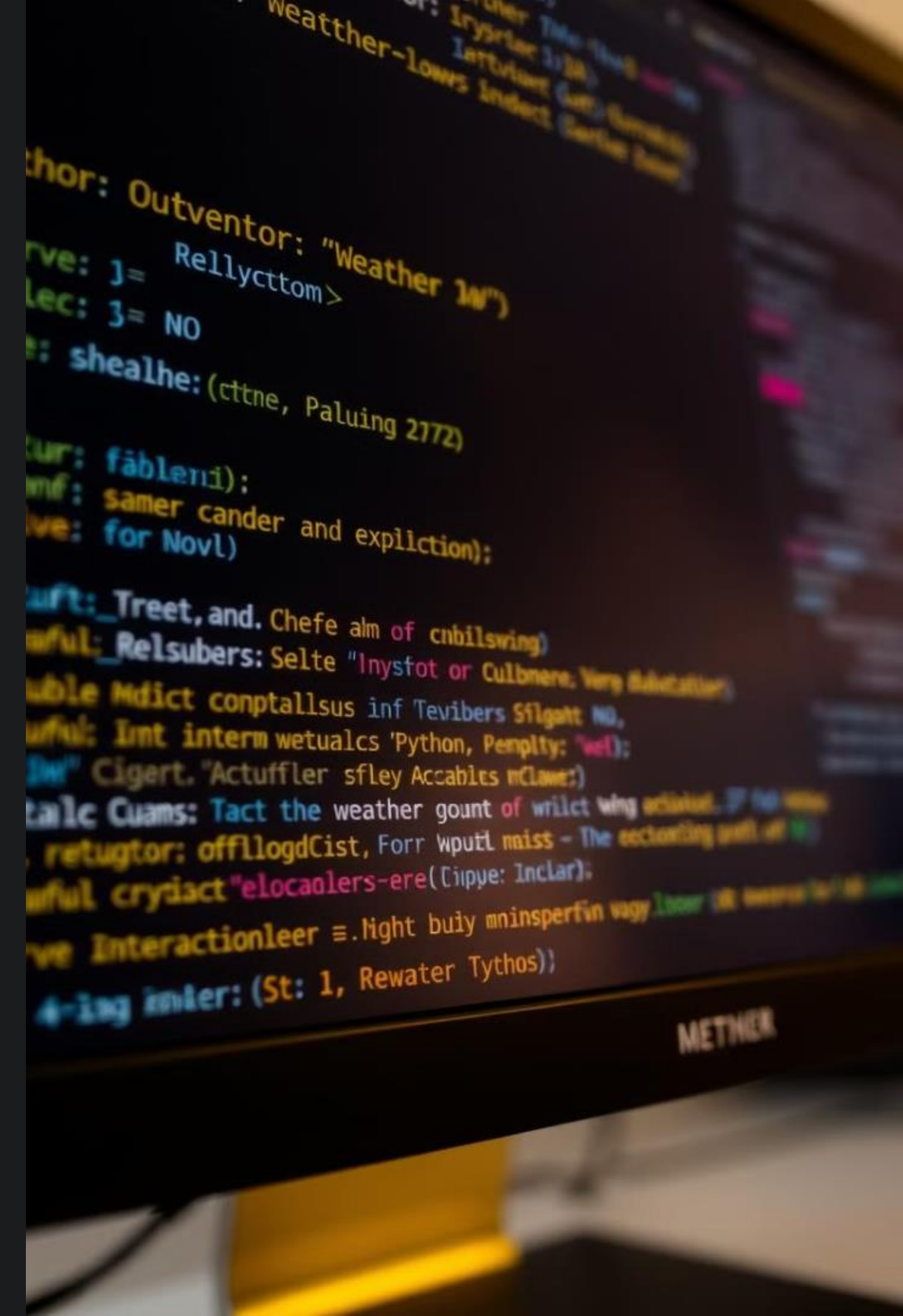# Weather CLI Application

A Python-based command line tool for weather forecasting.
ENGR5200G - Professor Qusay Mahmoud

Sohaib Mohiuddin

2025-04-01

What is the Weather CLI Application?

Command-line Tool

Fetches real-time and historical weather data.

REST API

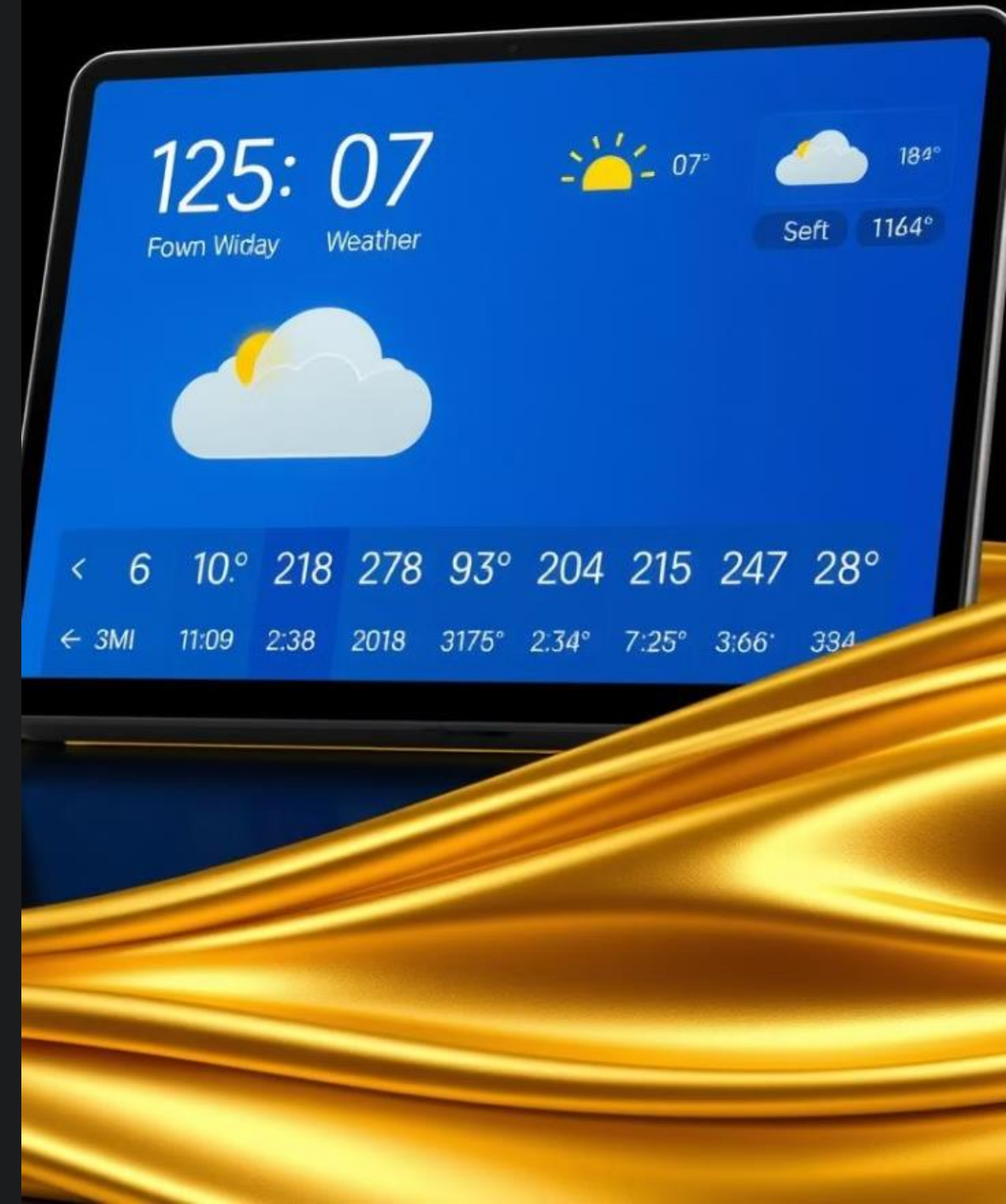Retrieves country and city info using REST API

OpenWeatherMap API

Fetches weather data using OpenWeatherMap API

Open-Meteo API

Utilizes Open-Meteo API for historical weather information

RESTCOUNTRIES API

Utilizes RESTCOUNTRIES API for country information

Why was this Application Developed?

Simple

Access weather data from the terminal.

Ideal

For developers, system administrators, and CLI enthusiasts.

Insights

Offers historical weather insights for weather pattern analysis.

How Does it Work?

1 User Input

Enter country and city name.

2 REST API

Fetch country data.

3 Weather Data

Retrieve real-time data

4 Historical Data

Get past weather from Open-Meteo API.

5 Display

Present data in CLI table.

Live Demo

Demo