**Project:** Intelligent Running Time Recommendation Web App

**Description:**  
Developed an interactive web application using Python and Streamlit that recommends the best running times based on weather forecasts and air quality data. The app fetches 48-hour weather and AQI data from OpenWeatherMap API for any user-specified city, applies a custom scoring algorithm considering temperature, wind speed, weather conditions, and AQI, and visualizes the recommendation scores over time via dynamic line charts.

**Technologies:**  
Python, Streamlit, Requests API, Matplotlib, Data Visualization, API Integration

**Responsibilities & Achievements:**

* Designed and implemented a scoring algorithm to evaluate optimal running conditions based on multiple weather and pollution factors
* Built an interactive web interface allowing users to input city names and receive real-time running time recommendations
* Integrated and processed real-time data from OpenWeatherMap’s weather and air pollution APIs
* Visualized time-series recommendation scores with Matplotlib for better user understanding
* Handled data retrieval errors and input validation to improve application robustness and user experience
* Deployed the Streamlit app for easy access and demonstration

**Run:** python -m streamlit run app.py