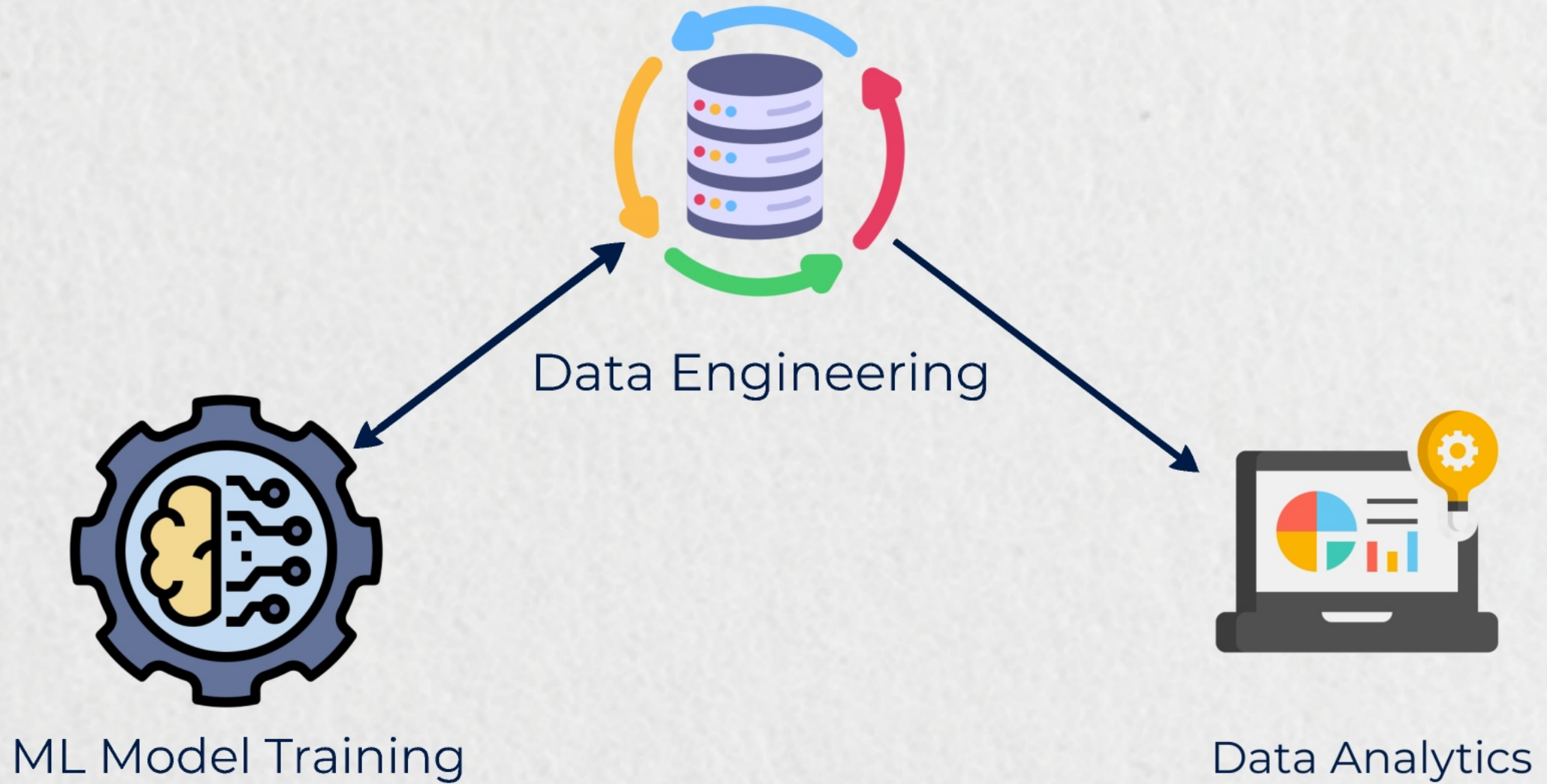




One Day of Weather



Project Structure



Extract, Transform, Load (ETL)-Pipeline

Open-Meteo API



Extract

Transform



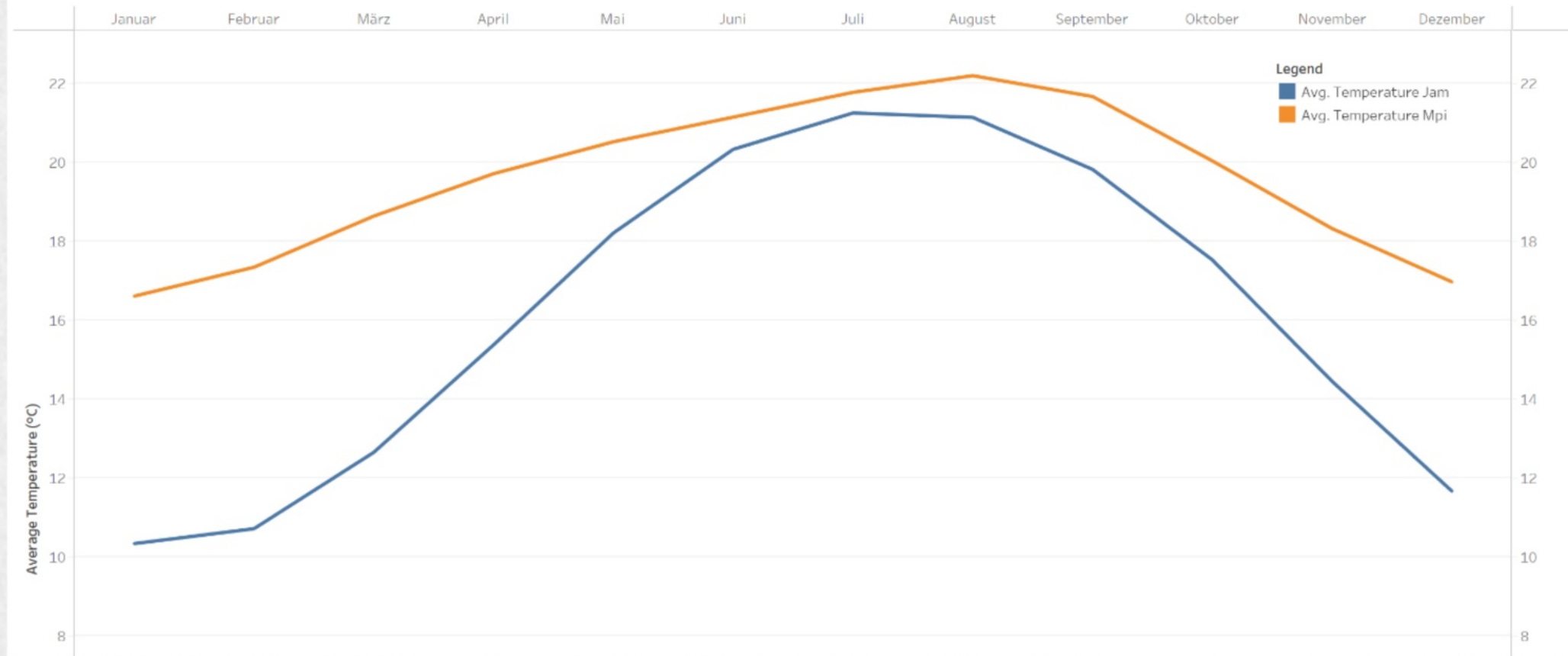
Load



Model Prediction (Temperature)

"MPI ESM1 2 XR" VS "JAM FWF V7.9"

Temperature MPI - JAM



Model Prediction (Precipitation)

"MPI ESM1 2 XR" VS "JAM FWF V7.9"

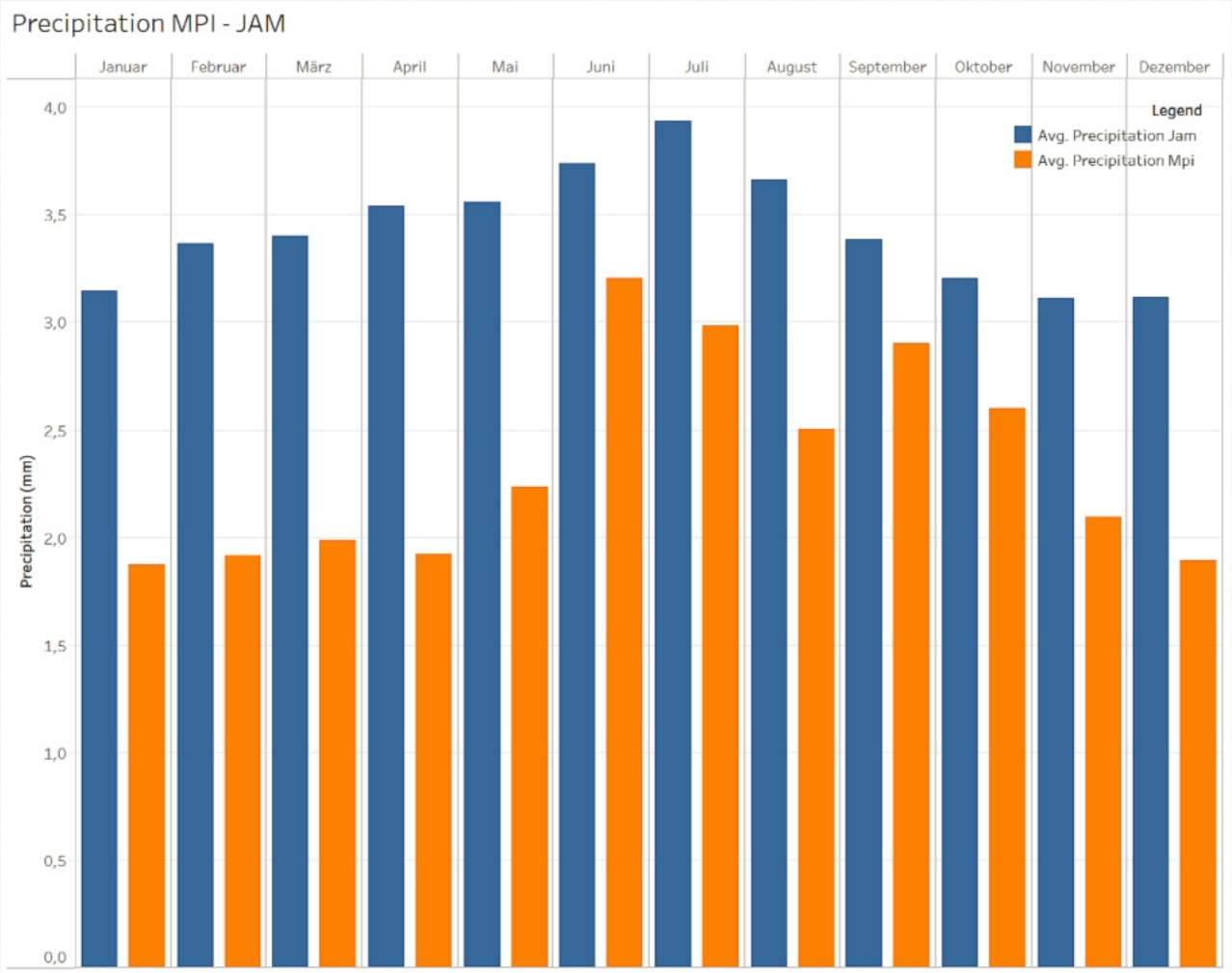


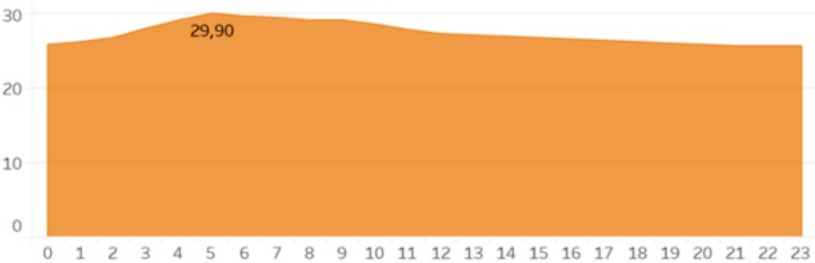
Tableau Dashboard

Past, Present, Future Weather of Manila

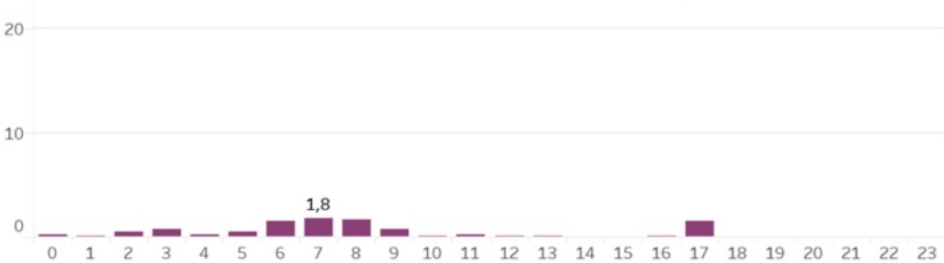
Average Temperature

27,2 °C

Hourly Temperature 5. September 2023



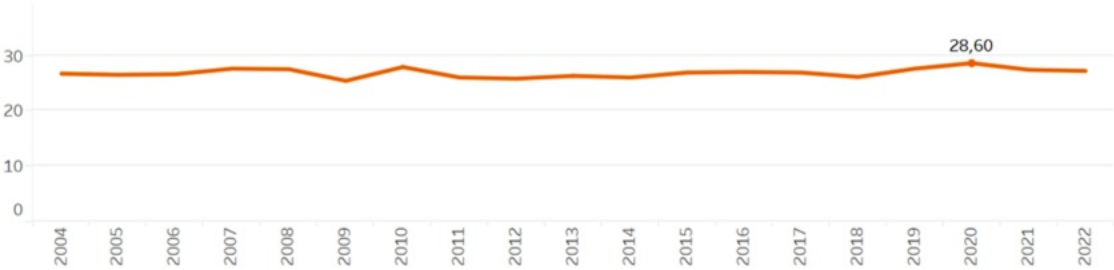
Hourly Precipitation 5. September 2023



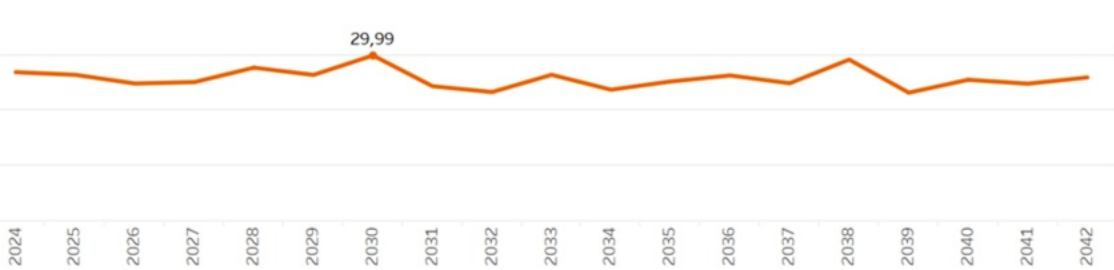
Average Precipitation

10,3 mm
light

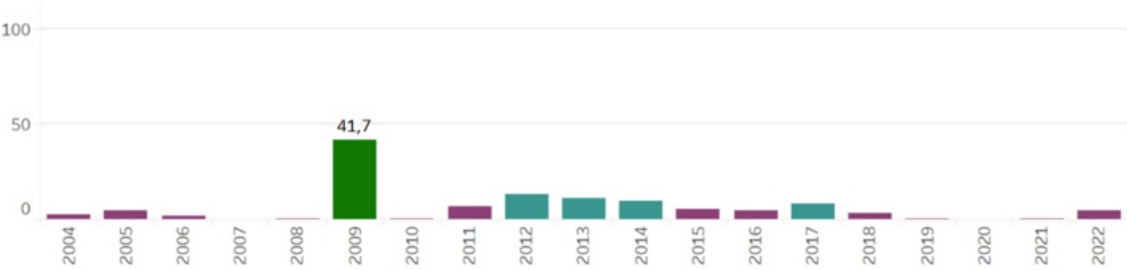
Historical Yearly Temperature Retrospective



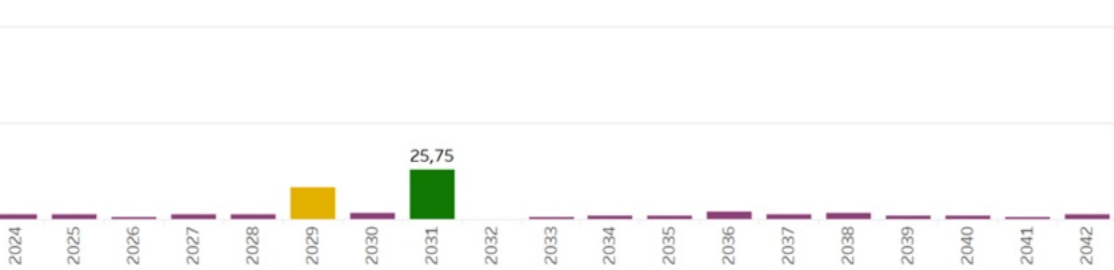
Future Yearly Temperature Prediction



Historical Yearly Precipitation Retrospective



Future Yearly Precipitation Prediction



Precipitation Category

- downpour
- drizzle
- light
- rain
- shower

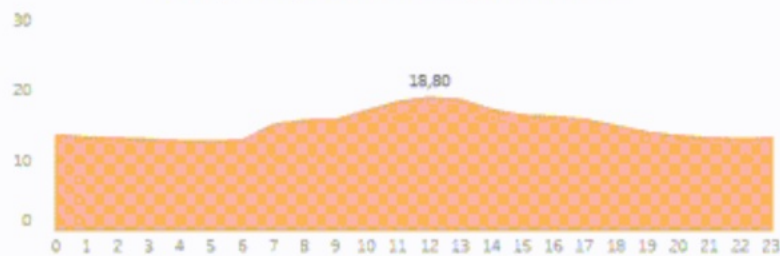
Manila
☐ Verlauf anzeigen

Past, Present, Future Weather of Addis Ababa

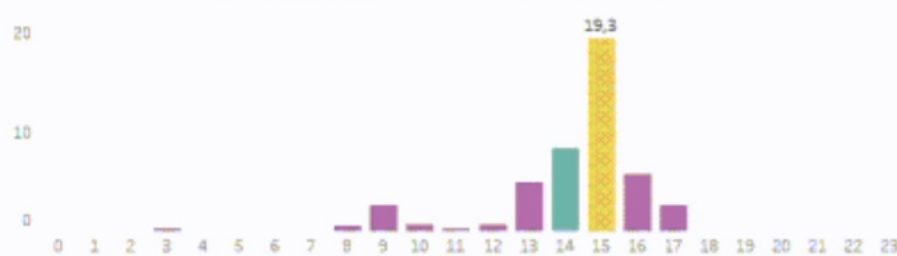
Average
Temperature

14,8 °C

Hourly Temperature 5. September 2023



Hourly Precipitation 5. September 2023



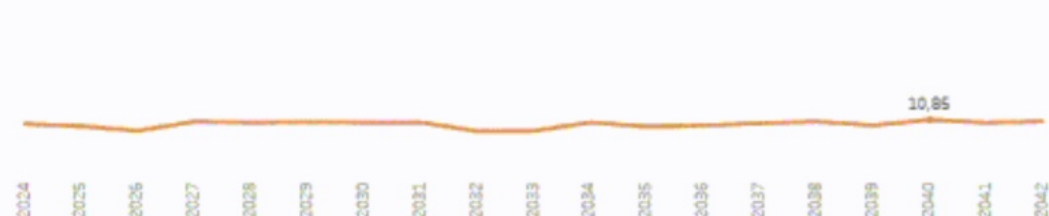
Average
Precipitation

45,6 mm
rain

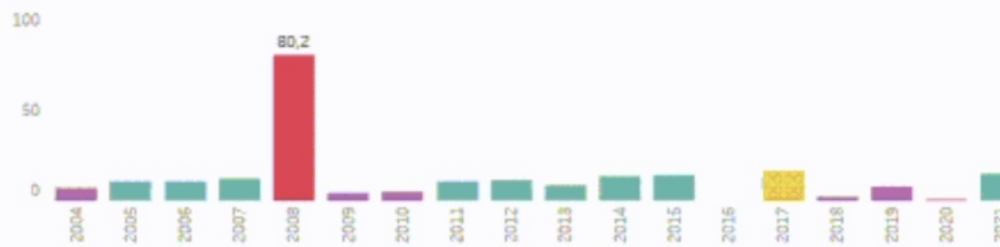
Historical Yearly Temperature Retrospective



Future Yearly Temperature Prediction



Historical Yearly Precipitation Retrospective



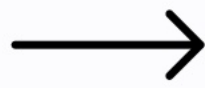
Future Yearly Precipitation Prediction



Precipitation Category hist.

■ downpour ■ light
■ drizzle ■ rain
■ shower

City Input



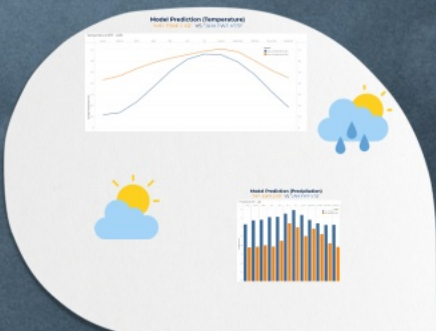
City
Addis Ababa



How to extend the project in the future...

Thank you very much!





One Day of Weather

