

Saudi Arabia Weather Prediction

- **Problem statement:**

- How to create a Classification model to predict the Weather in Saudi Arabia?

- **Data Description:**

This dataset contains of 14 variables and 249023 rows. We provide weather data for all Saudi Arabia cities from 2017 to 2019. In this Project we will perform a classification model to predict the Weather in Saudi Arabia.

- **Data type:**

- **City:** all Saudi Arabia cities
- **Date:** recorded date
- **Time:** recorded time
- **Year:** recorded year
- **Month:** recorded month
- **Day:** recorded day
- **Hour:** recorded hour
- **Minute:** recorded minute
- **Weather:** recorded weather description (clear - sunny - cloudy - warm - Fog - Haze)
- **Temp:** recorded temp
- **Wind:** recorded wind
- **Humidity:** in percentage
- **Barometer:** recorded scale
- **Visibility:** recorded score

- **Data size:**

- **No. of rows:** 249023
- **No. of columns:** 14

- **Tools:**

- Programs: Python Jupyter Notebook
- Libraries: pandas, Seaborn, Matplotlib, scikit-learn

- **MVP Goal:**

The goal of this project is to perform a Classification model to predict the Weather in Saudi Arabia.