

WEATHER ANALYSIS

MECE Breakdown

Weather Trends

Seasonal Variation

Correlation

Temperature



Analyse weather description attribute, day and night variation of temperature, Historical data of temperature, identify outliers to get extreme low and high temperature

Humidity



Analyse weather description, hourly variation of humidity, depends on Geographical location, identify outliers to get extreme low and high humidity

Pressure



Analyse hourly variation of pressure, depends on Geographical location, identify outliers, analysing using Isobar

Weather Description



Analyse max & min occurring description, day and night variation of wind description, historical description

Wind Speed



Analyse the geographical location, Identify outliers, Urban area effect

Wind Direction



Analyse the geographical location, Urban area effect, analyse those cities which nearby of equator and latitude

Analyse monthly wise for the seasonal weather

Analyse monthly wise for the seasonal humidity

Analyse monthly wise for the seasonal pressure, Frequency or extreme weather events

Analyse monthly wise for the seasonal weather

Analyse monthly wise for the seasonal Wind speed

Analyse monthly wise for the seasonal Wind direction

Analyse the correlation between temperature and humidity, temperature and pressure

Analyse the correlation between temperature and humidity, humidity and pressure

Analyse the correlation between temperature and pressure, pressure and wind speed

Analyse correlation with all the attributes

Analyse correlation with extreme high or extreme low pressure

Analyse correlation with wind speed, temperature