

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

Analyse monthly wise for the seasonal weather

Analyse the correlation between temperature and humidity, temperature and pressure

Humidity

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

Analyse monthly wise for the seasonal humidity

Analyse the correlation between temperature and humidity, humidity and pressure

Pressure

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

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

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

Wind Description

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

Analyse monthly wise for the seasonal weather

Analyse correlation with all the attributes

Wind Speed

Analyse the geographical location, Identify outliers, Urban area effect

Analyse monthly wise for the seasonal Wind speed

Analyse correlation with extreme high or extreme low pressure

Wind Direction

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

Analyse monthly wise for the seasonal Wind direction

Analyse correlation with wind speed, temperature