

### Questions:

- Q. 1) Find all the unique 'Wind Speed' values in the data.
- Q. 2) Find the number of times when the 'Weather is exactly Clear.
- Q. 3) Find the number of times when the 'Wind Speed was exactly 4 km/h'.
- Q. 4) Find out all the Null Values in the data.
- Q. 5 ) Rename the column name 'Weather' of the dataframe to 'Weather Condition'.
- Q. 6 ) What is the mean 'Visibility'.
- Q. 7 ) What is the Standard Deviation of 'Pressure' in this.
- Q. 8 ) What is the Variance of 'Relative Humidity' in this data ?
- Q. 9 ) Find all instances when 'Snow' was.
- Q. 10 ) Find all instances when 'Wind Speed is above 24 ' and 'Visibility is 25
- Q. 11 ) What is the Mean value of each column against each 'Weather Condition' ?
- Q. 12 ) What is the Minimum & Maximum value of each column against each 'Weather Condition' ?
- Q. 13 ) Show all the Records where Weather Condition is Fog.
- Q. 14 ) Find all instances when 'Weather is Clear' or 'Visibility is above 40
- Q. 15 ) Find all instances when
  - A. 'Weather is Clear' and 'Relative Humidity is greater than 50 '
  - or
  - B. 'Visibility is above 40 '