**Documentation Of Weather Data**

1. The weather dataset contains 366 rows and 22 columns
2. These columns are in 3 different types of datatype such as integer, float, and object
3. Out of these columns 6 columns contained some null values so we had to remove that before processing
4. For correlation analysis between Rainfall and Evaporation it falls under the values 0 and -1
5. For outlier detection,

IQR(Inter Quartile Range) of Humidity at 9 am and Humidity at 3 pm is 17

After removing the outlier the shape of the weather data was changed,

The total rows are 364

The total columns are 22

1. For Regression analysis,

If we consider Rain today and Rain tomorrow by WindgustDir then the highest windgustDir in the Northwest which is 45 and Rain today and Rain tomorrow are “NO”

1. The sum of maximum temperature and minimum temperature happened in the evaporation value of 2.60 at that point the values are 216 as the maximum temperature and 49.50 as the minimum temperature
2. The sum of total rainfall is 509.60
3. The highest sum of Risk\_MM is 147.20 at that period sum of humidity at 3 pm is 1386, sum of humidity at 9 am is 2219 and WindDir9am is N