Objective:

• The objective of this assignment is to analyze the weather data and extract the hypotheses to arrive at a prediction

Dataset: weather prediction dataset(weatherHistory.csv)

• Available at:
https://github.com/martandsingh/datasets/blob/master/weatherHistory.csv

• The dataset consists of different attributes describing the weather condition such as temperature, humidity, pressure…etc

Hint..

You can follow the following steps:

1- Load the data and perform some pandas function to explore data (e.g. data.head())
2- Split the Whole data into X (input features) and y (Apparent Temperature (C))
3- Split X , y into x-train , y-train , x-valid , y-valid
4- Import LinearRegression from sklearn
5- Create linear regression object
6- Train the linear regression model using fit function.
7- Predict x-valid by using predict function
8- Evaluate your model using r2-score and MSE (Mean Square Error)