**BIKE RENTAL**

The Dataset in this folder is from a bike rental business. Trying to analyse the data and gain insights using Machine Learning Techniques.

In the script, we will analyze the various aspects of the dataset and try to

predict the dependent variable with the help of independent variables

Predict the total count of bikes rented during each hour i.e we are interested

in predicting count, which represents the total number of bikes rented in the

period of that hour.

Dataset Description

The columns of the dataset can be described as follows

# season: 1=spring,2=summer,3=fall,4=winter

# holiday: whether the day is considered a holiday

# workingday: whether the day is weekend or holiday

# weather:

1--> Clear, few-clouds, partly\_cloudy

2--> Mist+Cloudy, Mist+Broken\_clouds, Mist+Few\_clouds, Mist

3--> Light Snow, Light\_Rain+Thunderstorm+Scattered\_clouds,Light\_Rain+Scattered\_clouds

4--> Heavy\_Rain+Ice\_pallets+Thunderstorm+Mist, Snow+Fog

# temp: Temperature in celsius

# atemp: Feels like the temperature in celsius

# humidity: Relative humidity

# windspeed: Wind\_Speed

# casual: Number of non-registered user rentals initiated

# registered: Nuber of registered user rental initiated

# count: Number of total rentals

We will also create some new features(columns) based on the datetime

feature(column).