**Mini Project2** Dataset: Bike Sharing Demand

**#Importing Libraries**

Cell: 1-14

Import Essential Libraries for Machine Learning: NumPy, Pandas, Matplotlib, Seaborn, Sklearn and Check Version

**#Load and Prepare Data**

Cell: 15-18

Load Dataset from CSV file as Data Frame in Pandas Library

**#EDA**

Cell: 19-89

Explore and Review Data with Pandas Method: head, tail, shape, values, columns, value\_count, slicing, condition, crosstab, sort\_values

**#Data Preprocessing**

Cell: 90-107

Explore and Check and Find Missing Data and Sort Data with Pandas Method: isnull, dropna, condition, loc, iloc, groupby, sort\_values, unique

**#Strorytelling – Visualization**

Cell: 108-138

Explore and Visualize Data with Matplotlib and Seaborn Method and Draw Different Charts

**#Train your model (Regression)**

Cell: 139-223

Train model with Linear & Logistic & Multivariable & Polynomial Regression and measure Errors with Sklearn Library

**#Test Result**

Cell: 224-229

Implementation Linear Multivariable Regression in test.csv