About Data

We are trying to predict a signal that indicates whether buying a particular stock will be helpful or not. Find dataset

Procedures

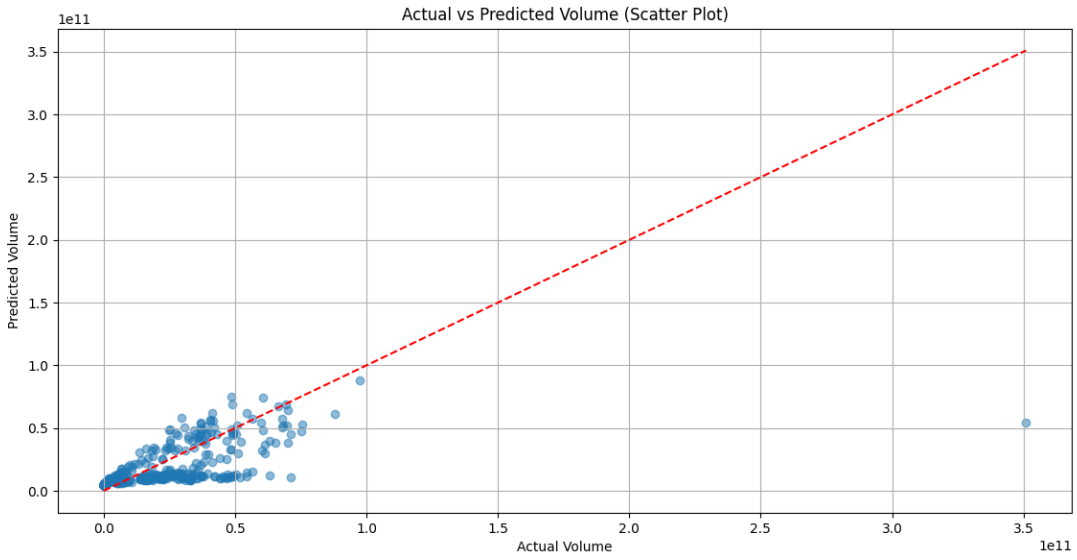
1. First thing I did was to load my dataset then cleaned my columns and dropped the date column.
2. Selected feature and target variable/s.
3. Introduced train test split the scaled our data to avoid leakages.
4. I trained the model then proceeded to predict (Volume column is our target).
5. Evaluated and printed out model coefficients.
6. Plotted actual values against predicted values.

Evaluation

1. Came out with a MSE of 3.117507432393504e+20 meaning my model's predictions are far from the actual values on average.
2. Achieved a R2 score of 0.4537 meaning my model explains **45%** of the variation in Volume (target column).

Visualization

Scatter plot showing actual volume values against predicted.



Line plot showing actual volume values vs predicted values.