Car Price Prediction using RANDOM FOREST REGRESSION

1 Problem Predicting Car price

2 Dataset

X-parameter | Y-price

Car price based on other car numerical parameters

3 Summarize Dataset

(10, 2)

dataset.shape

dataset.head(5)

4 Segregate Dataset into X & Y

Input - Taking only Numerical Values

dataset.select_dtypes(exclude=['object']).columns

Output

Y = dataset['price']

5 Scaling our Independent Variables(X)

6 Splitting dataset to train & test for Validation train_test_split

7 Algorithm **RANDOM FOREST**

8 Train using Random Forest

9 Prediction & Validation r2_score