Project Development Phase
Model Performance Test

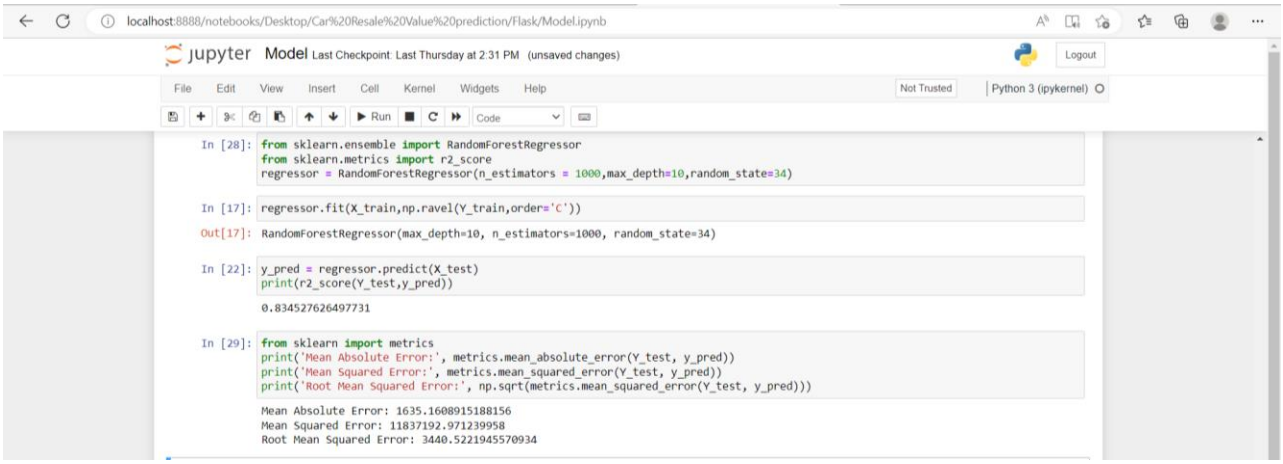
Date	19 November 2022
Team ID	PNT2022TMID08581
Project Name	Project – Car Resale Value Prediction
Maximum Marks	10 Marks

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

S.No.	Parameter	Values	Screenshot
1.	**Metrics**	**Regression Model:** **Mean Absolute Error:** 1635.1608915188156 **Mean Squared Error:** 11837192.971239958 **Root Mean Squared Error:** 3440.5221945570934 **R2 Score:**0.83427626497731	
2.	**Tune the Model**	**Hyperparameter Tuning :** Bootstrap: [True, False], **Max_depth:** [10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, None], **Max_features**: ['auto', 'sqrt'], **Min_samples_leaf'**: [1, 2, 4], **Min_samples_split'**: [2, 5, 10], **n_estimators'**: [200, 400, 600, 800, 1000, 1200, 1400, 1600, 1800, 2000] **Validation Method:** Cross Validation	

1.Metrics:



2.Tune the Model: