Project Development Phase Model Performance Test

Date	18 November 2022	
Team ID	PNT2022TMID02157	
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: MAE - 48473.59547884187, MSE - 9302776023.700481, RMSE - 96450.89954842557, R2 score - Training - 0.9866850181729586 R2 score - Training - 0.9267367646204865	Proposer_rf = monoconventuprosec() represer_rf = monoconventuprosec() represer_rf = monoconventuprosec() y_rtal_pred = represer_rf predict(_train) ytest_pred = represer_rf predict(_train) ytest_pred = represer_rf predict(_train) me_rf = metricmon_phonoconventuprosec_represer_y me_rf = metricmon_phonoconventuprosec_represer_y print("red: _me_rf) print("red: _me_rf) print("red: _me_rf) red_train_rf = rg_score(_train_y_train_pred) print("red: _red) red_train_rf = rg_score(_train_y_train_pred) print("red: _red) print("red) print("red: _red) print("red) prin
2.	Tune the Model	Hyperparameter Tuning - n_estimators = [200, 400, 600, 800, 1 000, 1200, 1400, 1600, 1 800, 2000], max_features = ['auto', 'sqrt'], max_depth = [10, 20, 30, 40, 50, 60, 70, 80, 90, 100, None], min_samples_split= [2, 5, 10], min_samples_leaf = [1, 2, 4], bootstrap = [True, False]	
		Validation Method - Cross Validation	