Project Development Phase Model Performance Test

Date	10 NOvember 2022	
Team ID	PNT2022TMID21102	
Project Name	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: R2 score – 0.8407655400238141	# Model Building from sklearn.linear_model import LinearRegression lr = LinearRegression() # Training Model lr.fit(x_train,y_train) # Model Summary y_pred_lr = lr.predict(x_test) r_squared - r2_score(y_test,y_pred_lr) rmse = np.sqrt(mean_squared error(y_test,y_pred_lr)) print(r8_squared: r9_squared) R_squared : 0.8407655400238141
2.	Tune the Model	Hyperparameter Tuning - 0.8016218757946758	Hyperparameter optimization using RandomizedSearchCV ↑ Assertion and Comparison of the search of