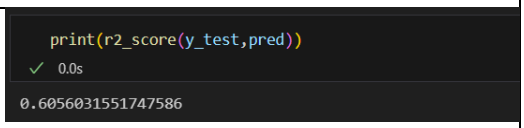
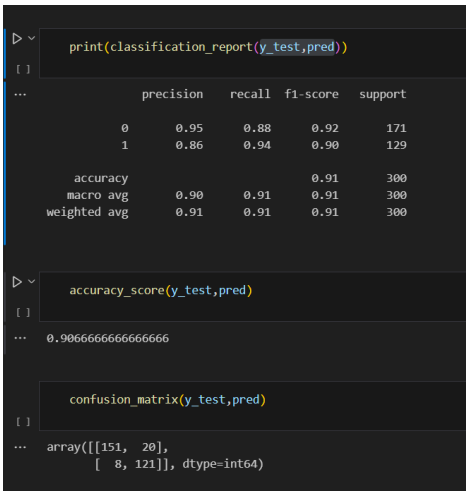
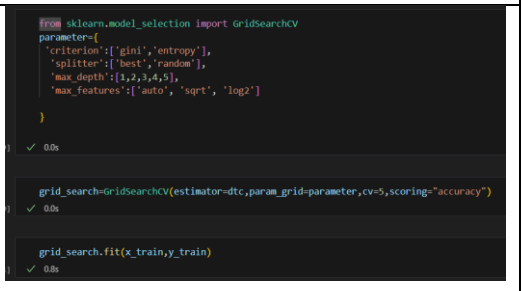
Project Development Phase
Model Performance Test

Date	10 November 2022
Team ID	Team-592951
Project Name	Project – Car Purchase 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 - , MSE - , RMSE - , R2 score - **Classification Model:** Confusion Matrix - , Accuray Score- & Classification Report -	 
2.	Tune the Model	Hyperparameter Tuning - Validation Method -	

			 GridSearchCV estimator: DecisionTreeClassifier DecisionTreeClassifier grid_search.best_params_ 0.0s {'criterion': 'entropy', 'max_depth': 4, 'max_features': 'sqrt', 'splitter': 'best'} dtc_cv=DecisionTreeClassifier(criterion= 'entropy', max_depth=3, max_features='sqrt', splitter='best') dtc_cv.fit(x_train,y_train) 0.0s DecisionTreeClassifier DecisionTreeClassifier(criterion='entropy', max_depth=3, max_features='sqrt')