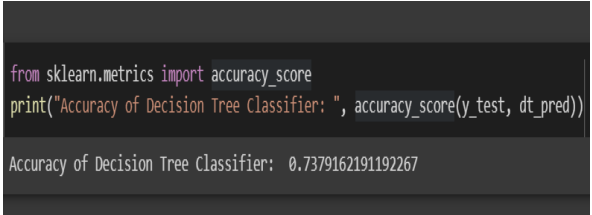
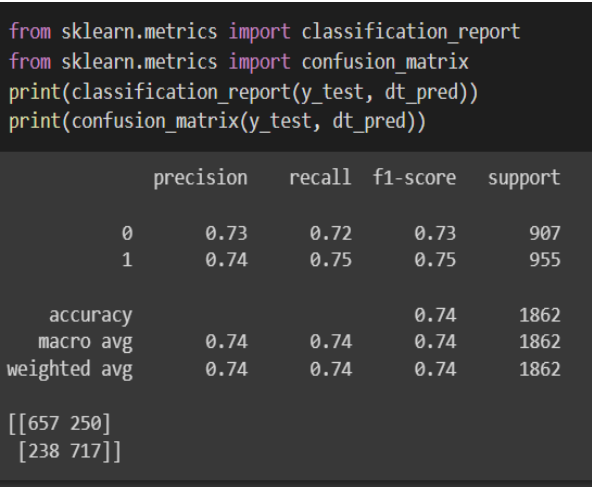


Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID35628
Project Name	University Admit Eligibility Predictor
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	Decision Tree Classifier Model: Accuracy Score	 <pre> from sklearn.metrics import accuracy_score print("Accuracy of Decision Tree Classifier: ", accuracy_score(y_test, dt_pred)) Accuracy of Decision Tree Classifier: 0.7379162191192267 </pre>
2.	Performance Testing	Measure the performance of the decision tree model: Precision, Recall and F1-Score those are used for testing the performance of the model.	 <pre> from sklearn.metrics import classification_report from sklearn.metrics import confusion_matrix print(classification_report(y_test, dt_pred)) print(confusion_matrix(y_test, dt_pred)) </pre> <pre> precision recall f1-score support 0 0.73 0.72 0.73 907 1 0.74 0.75 0.75 955 accuracy 0.74 macro avg 0.74 weighted avg 0.74 </pre> <pre> [[657 250] [238 717]] </pre>