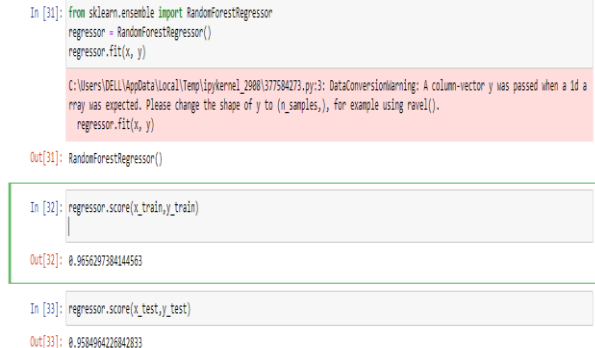


Project Development Phase Model Performance Test

Date	24 November 2022
Team ID	PNT2022TMID30201
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	Classification Model: Confusion Matrix - , Accuracy Score- & Classification Report -	 <pre> In [31]: from sklearn.ensemble import RandomForestRegressor regressor = RandomForestRegressor() regressor.fit(x, y) C:\Users\DELL\AppData\Local\Temp\ipykernel_2098\377594273.py:3: DataConversionWarning: A column-vector y was passed when a 1d array was expected. Please change the shape of y to (n_samples,), for example using ravel(). regressor.fit(x, y) Out[31]: RandomForestRegressor() In [32]: regressor.score(x_train,y_train) Out[32]: 0.9656297384144563 In [33]: regressor.score(x_test,y_test) Out[33]: 0.9584964216842833 </pre>
2.	Tune the Model	Hyperparameter Tuning - Validation Method -	Hyperparameter - Sklearn