

## Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID17997
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	<b>Regression Model:</b> Logistic Regression <b>Classification Model:</b> <ul style="list-style-type: none"><li>• Confusion Matrix - <math>\begin{bmatrix} 2 &amp; 3 \\ 0 &amp; 75 \end{bmatrix}</math></li><li>• Accuracy Score – 96.25</li><li>• Recall Score – 100.00</li><li>• ROC Score – 70.0</li></ul>	<p><b>MODEL EVALUATION</b></p> <pre>In [43]: from sklearn.metrics import accuracy_score, recall_score, roc_auc_score print("Accuracy score : "+str(accuracy_score(y1_test,y_pred)*100)) print("Recall score : "+str(recall_score(y1_test,y_pred)*100)) print("Roc score : "+str(roc_auc_score(y1_test,y_pred)*100)) print(confusion_matrix(y1_test,y_pred))</pre> <p>Accuracy score : 96.25 Recall score : 100.0 Roc score : 70.0 [[ 2  3]  [ 0 75]]</p>