

Project Development Phase
Model Performance Test

Date	18 November 2022
Team ID	PNT2022TMID25762
Project Name	Developing a Flight Delay 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	Classification Model: Confusion Matrix, Accuray Score- 0.965287049399199 & Classification Report	<pre>In [28]: decisiontree = classifier.predict(x_test)</pre> <pre>In [29]: from sklearn.metrics import accuracy_score acc = accuracy_score(y_test,decisiontree) acc</pre> <pre>Out[29]: 0.965287049399199</pre> <pre>In [30]: from sklearn.metrics import confusion_matrix cm=confusion_matrix(y_test,decisiontree)</pre> <pre>In [31]: cm</pre> <pre>Out[31]: array([[1755, 47], [31, 414]], dtype=int64)</pre>

VISUALIZATION CHARTS:

