Project Development Phase Model Performance Test

Date	18 November 2022	
Team ID	PNT2022TMID50880	
Project Name	Project - Developing a Flight Delay Prediction Model using Machine Learning	
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	In [24]: #Model Evaluation from sklearn.metrics import accuracy_score,confusion_matrix, classification_report print(accuracy_score(y_test, pred)) 0.9163899788711138 In [26]: print(confusion_matrix(y_test, pred)) [[2732
2.	Tune the Model	Validation Method In [32]: gric gric Out[32]: In [35]: gric Out[35]: ('cr In [34]: cv_r prir	<pre>In [31]: from sklearn.model_selection import cross_val_score, KFold, GridSearchCV kf = KFold(n_splits = 6, shuffle = True, random_state = 25) params = { "max_depth': [4,5,6],</pre>