Project Development Phase Model Performance Test

Date	20 November 2022	
Team ID	PNT2022TMID18402	
Project Name	Project - Developing a Flight Delay Prediction Model using Machine Learning	
	Widder using Wachine Learning	
Maximum Marks	10 Marks	

Model Performance Testing:

S.No.	Parameter	Values	Screenshot				
1. Metrics	Metrics	Classification Model: Confusion Matrix - , Accuray Score- & Classification Report -	Classification Report				
			<pre>print(classification_report(Y_test, Y_pred_log_test))</pre>				
		Report -	р	recision	recall	f1-score	support
			0.0 1.0				1985 262
			accuracy	0.00	01.75	0.91	2247
			macro avg	0.78	0.83		2247
			weighted avg				2247
			accuracy, Precision, Recall : acc_log = accuracy_score prec_log, rec_log, file print('Accuracy Score prent('Recall = ', rec_le print('Frecision = ', pre print('Frecision = ', fil Accuracy Score = 0.912777 Precision = 0.937277078081 F1 Score = 0.94994892747 Checking for Ovel log_train_acc = log_test_acc = a print('Training print('Testing A Training Accuracy Testing Accuracy	(Y_test, Y_pred_ gg, sup_log = pre, gg, sup_log = pre, acclog(g)) g[g]) (clog(g)) (clo	Underfitting core(Y_tra ore(Y_test ', log_tra , log_test 2537845057	ain, Y_pred_ ;, Y_pred_lo sin_acc) :_acc)	_log_train)

	<pre>Confusion Matrix pd.crosstab(Y_test.ravel(), Y_pred_log_test)</pre>		
	col_0 0.0 1.0		
	row_0		
	0.0 1860 125		
	1.0 71 191		