Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID22400
Project Name	Project – Smart Lender
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 – [[18 25] [2 75]], Accuracy Score – 80% & Classification Report – precision recall f1-score support			In [10] randomferest(train_s,test_s,train_y,test_y) **** Bandom forest Classifier **** Confoion Natrix [[17] [2 70]] Classification Report 0 0.00 0.42 0.57 43 1 0.76 0.79 0.85 80		
		0 1	0.90 0.76	0.42	0.57 0.85	43 80	accuracy 0.83 0.78 0.78 123 marro mag 0.83 0.78 0.71 123 weighted ang 0.81 0.78 0.75 123
		accuracy macro avg weighted avg	0.83 0.81	0.70 0.78	0.78 0.71 0.75	123 123 123	In [22]: ff_score(ypred,test_y,average='weighted') Out[22]: 0.7977251407129455 In [22]: cv = cross_val_score(rf,x,y,cv=5) In [28]: np_mean(cv) Out[28]: 0.7915367186458749