Project Development Phase Model Performance Test

Date	12 November 2023
Team ID	592128
Project Name	Online Payments Fraud Detection using ML
Maximum Marks	10 Marks

Model Performance Testing:

S.No.	Parameter	Values	Screenshot
1.	Metrics	Regression Model: MAE, MSE, RMSE, R2 score	Mean Absolute Error: 0.1248462659562 Mean Squared Error: 0.1248462659562 Root Mean Squared Error: 0.387745996988
		Classification Model: Confusion Matrix, Accuracy Score & Classification Report	Scores(R^2): [0.1478543 0.14750456 0.1761771 0.1561489 0.1110178] Accuracy: 97.06%
			precision recall f1-score support 0.0 0.97 0.98 0.98 623 1.0 0.98 0.97 0.97 577 accuracy 0.97 1200 macro avg 0.97 0.97 0.97 1200 weighted avg 0.97 0.97 0.97 1200 print("confusion")
			[630 15] [540 410]
2.	Tune the Model	Hyperparameter Tuning - Validation Method	