

## Project Development Phase

### Model Performance Test (Online Payments Fraud Detection using Machine Learning)

Date	14 February 2026
Team ID	LTVIP2026TMIDS88814
Project Name	Online Payments Fraud Detection using Machine Learning
Maximum Marks	10 Marks

### Model Performance Metrics

S.No	Parameter	Values	Screenshot / Notes
1	Classification Metrics	Accuracy: __, Precision: __ Recall: __, F1-Score:	Confusion Matrix, ROC-AUC Curve
2	Fraud Detection Metrics	ROC-AUC: __, PR-AUC:	Precision-Recall Curve
3	Train/Test Performance	Train Accuracy: __, Test Accuracy:	—
4	Hyperparameter Tuning	GridSearchCV / RandomSearchCV used	Best Parameters Summary
5	Cross-Validation	5-Fold CV Score:	—
6	Imbalance Handling	SMOTE / Undersampling applied	Class Distribution Chart
7	False Positive Rate	FPR:	Important for minimizing genuine transaction blocks