

## Model Development Phase Template

Date	20 feb 2026
Team ID	LTVIP2026TMIDS80731
Project Name	Online Payments Fraud Detection using ML
Maximum Marks	5 Marks

### Feature Selection Report Template

In the forthcoming update, each feature will be accompanied by a brief description. Users will indicate whether it's selected or not, providing reasoning for their decision. This process will streamline decision-making and enhance transparency in feature selection.

Feature	Description	Selected(yes/No)	Reasoning
step	Time step of the transaction	No	Not relevant for prediction.
type	Type of transaction (e.g., payment, transfer)	Yes	Different types may have different fraud patterns.
amount	Amount of the transaction	Yes	High amounts may be more susceptible to fraud.
nameOrig	ID of the origin account	No	Specific IDs are not relevant, can be anonymized.
oldbalanceOrg	Initial balance of the origin account	Yes	Large differences may indicate suspicious activity.
newbalanceOrig	New balance of the origin account	Yes	Large differences may indicate suspicious activity.
nameDest	ID of the destination account	No	Specific IDs are not relevant, can be anonymized.
oldbalanceDest	Initial balance of the destination account	Yes	Large differences may indicate suspicious activity.
newbalanceDest	New balance of the destination account	Yes	Large differences may indicate suspicious activity.

isFraud	Indicator if the transaction is fraudulent	Yes	Target variable for predictive modeling.
isFlaggedFraud	Indicator if the transaction was flagged as fraud	Yes	Provides additional context on fraud detection.