

Model Development Phase Template

Date	29 April 2024
Team ID	Team-738315
Project Title	Online Payment Fraud Detection using Machine Learning
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	A discrete unit of time or sequence number for the transaction.	Yes	Transaction sequence for temporal behavior analysis.
Type	The type of transaction (e.g., cash-in, cash-out, debit, credit).	Yes	Transaction category for distinguishing different transaction modes.
Amount	The amount of money involved in the transaction.	Yes	Transaction value for detecting unusual monetary activities.
NameOrig	Identifier for the origin account holder.	Yes	Account holder identity for tracking origin transactions.

OldBalance Org	The original balance of the origin account before the transaction.	Yes	Initial account balance before the transaction
NewBalanceOrig	The new balance of the origin account after the transaction.	Yes	Updated account balance after the transaction.
NameDest	Identifier for the destination account holder.	Yes	Account holder identity for tracking destination transactions.
OldBalanceDest	The original balance of the destination account before the transaction.	Yes	Initial destination account balance before the transaction.
NewBalanceDest	The new balance of the destination account after the transaction.	Yes	Updated destination account balance after the transaction.
IsFraud	A binary indicator (0 or 1) indicating whether the transaction is fraudulent.	Yes	Binary indicator for detecting fraudulent transactions.
IsFlaggedFraud	Another indicator for flagged fraudulent transactions.	Yes	Flag for identifying potentially flagged fraudulent transactions.