

Online Payment Fraud Detection

<https://www.kaggle.com/datasets/rupakroy/online-payments-fraud-detection-dataset>

As we are approaching modernity, the trend of paying online is increasing tremendously. It is very beneficial for the buyer to pay online as it saves time, and solves the problem of free money. Also, we do not need to carry cash with us. But we all know that Good thing are accompanied by bad things.

The online payment method leads to fraud that can happen using any payment app. That is why Online Payment Fraud Detection is very important.

Online Payment Fraud Detection using Machine Learning in Python

Here we will try to solve this issue with the help of machine learning.

The dataset we will be using have these columns –

Feature	Description
step	tells about the unit of time
type	type of transaction done
amount	the total amount of transaction
nameOrg	account that starts the transaction
oldbalanceOrg	Balance of the account of sender before transaction
newbalanceOrg	Balance of the account of sender after transaction

nameDest	account that receives the transaction
oldbalanceDest	Balance of the account of receiver before transaction
newbalanceDest	Balance of the account of receiver after transaction
isFraud	The value to be predicted i.e. 0 or 1