

Anomaly Detection in Credit Card Transactions

Average Normal Amount

161.50K

Total Transaction Count

631K

Max Difference Amount

3.58M

Max Normal Amount

6.42M

Average Fraud Amount

881.59K

Total Fraud Transaction

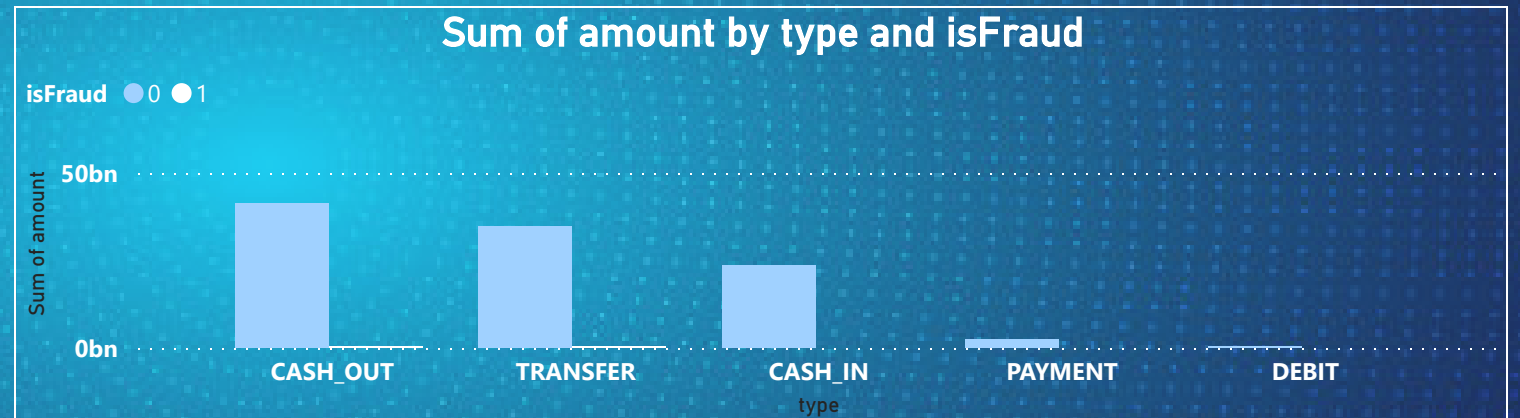
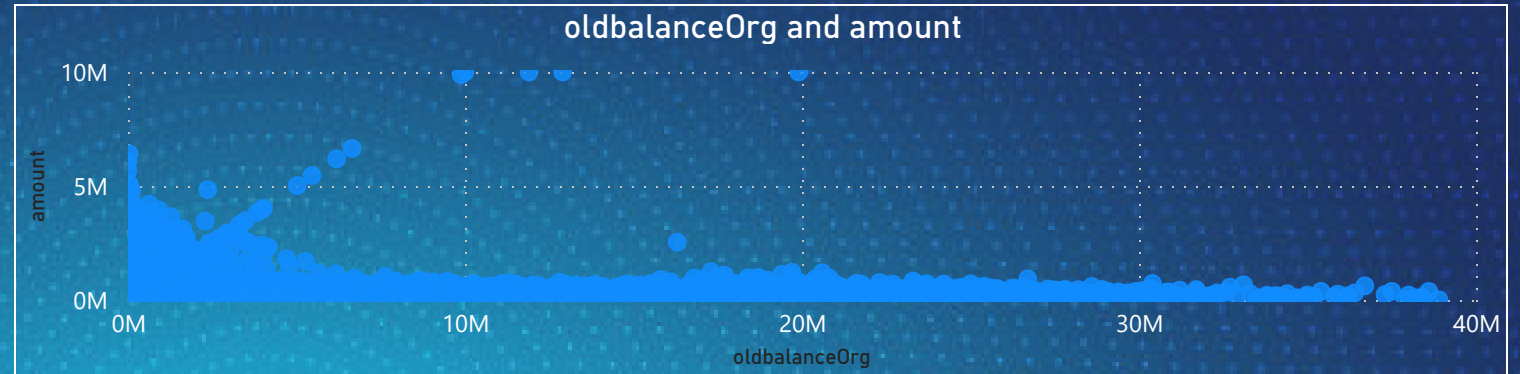
383

Percent Fraud Transaction

0.06

Max Fraud Amount

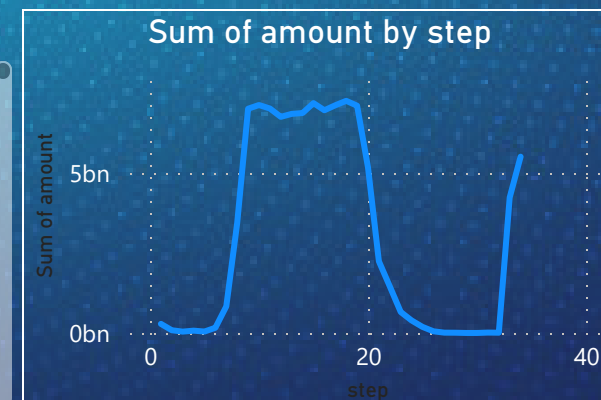
10.00M



Merchant with Fraud Transactions

nameDest	Total fraud transa
C185805228	2
C200064275	2
C410033330	2
C1002031672	1
C1007251739	1
C1009459055	1

Total



Top 10 Transacted amount

nameDest	Count of amount
C985934102	95
C1286084959	89
C248609774	87
C2083562754	85
C665576141	85
C1590550415	83
C977993101	80
C1360767589	79

Total

630894

The transactions done by credit cards are analyzed and further discovered ,there are numerous fraudulent in the transactions.

The total recorded transactions are 6,30,894 with 383 fraud transaction i.e 0.06% of the total transactions.

The fraud transaction comprises 197 cash_out transactions and 186 transfer type, which means these two types require more attention towards transactional safety.

The max amount of fraud done was of 10M with 6 individuals each which is a very big number in itself.

There are 3 different customers who have been targeted twice for the fraud with the max amount of 828,720 at once.

The total Fraud amount is approximately 102 billions.

The most used is cash_out type with 224013 transaction and approximately amount of 41 billions.

The least used is debit type with only 4769 transactions and approximately amount of 29 millions.

Steps between 15-20 consist of max amount of transaction with approximately 7.3 billions.