

# Anomaly Dashboard

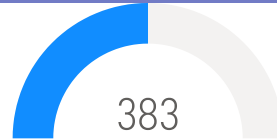
Bookmarks

Q&A

Potential Anomalies

383

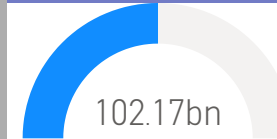
Potential Anomalies



Total Amount

102.17bn

Sum of amount



Distinct Merchant

273.30K

isFraud

- ☐ 0  
☐ 1

step

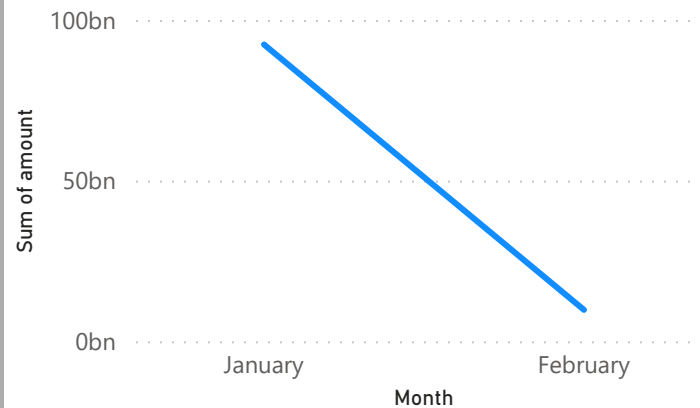
1  
34



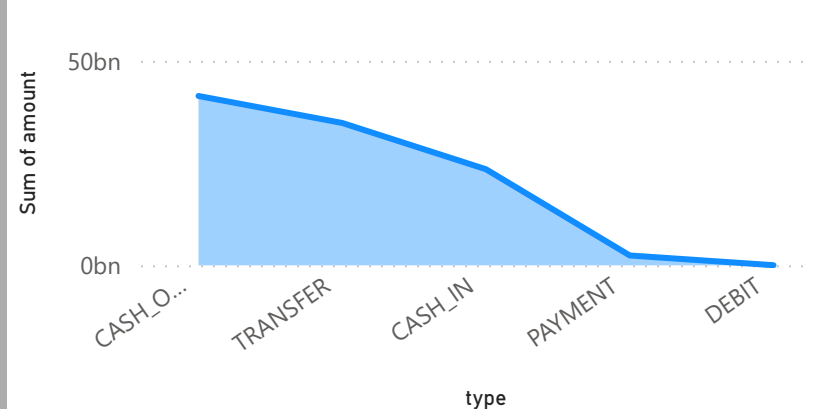
type

- ☐ CASH\_IN  
☐ CASH\_OUT  
☐ DEBIT  
☐ PAYMENT  
☐ TRANSFER

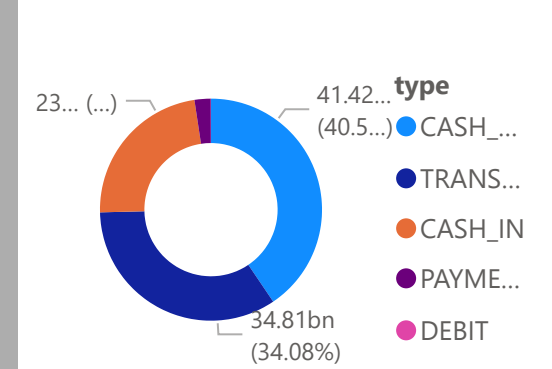
Sum of amount by Month



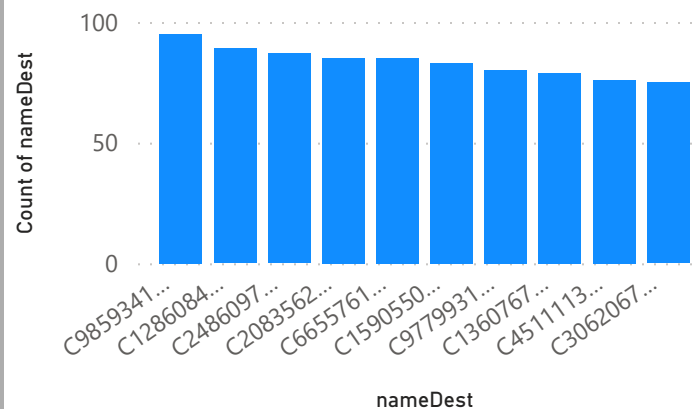
Sum of amount by type



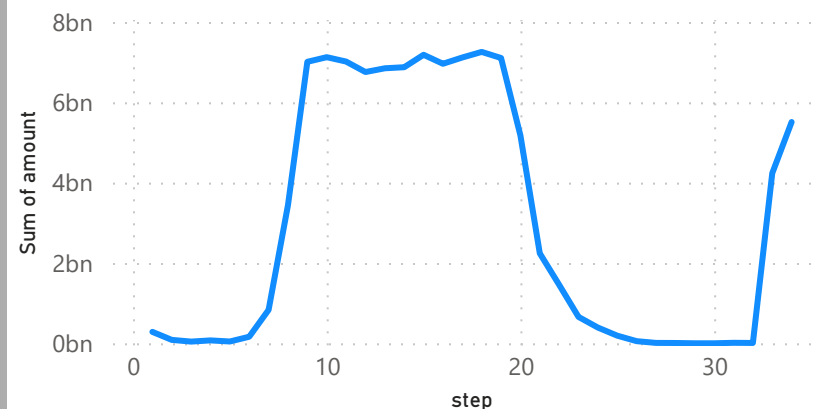
Sum of amount by type



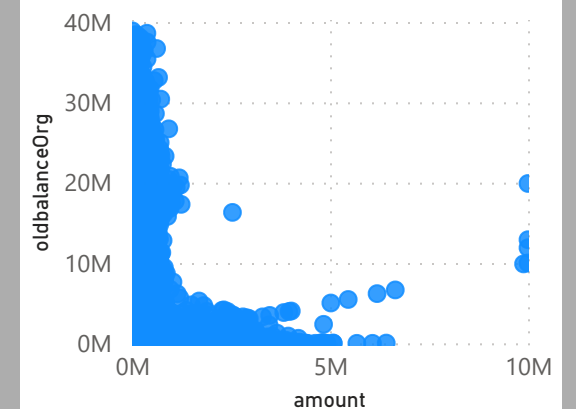
Top 10 merchants



Sum of amount by step



amount and oldbalanceOrg



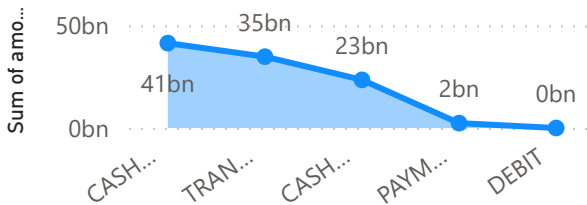


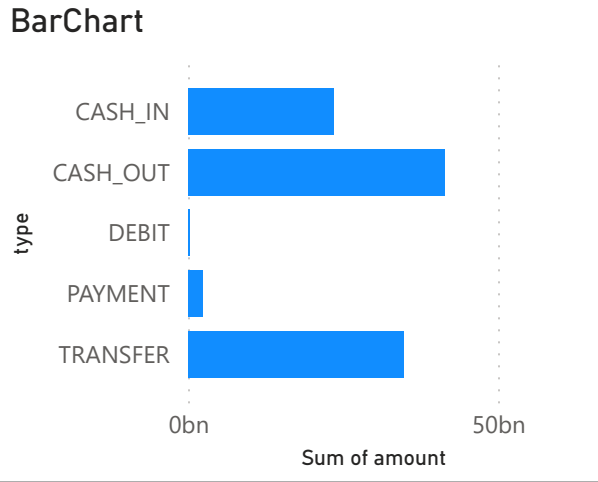
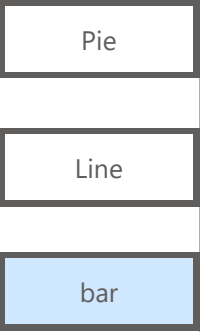
type	Sum of amount	Sum of isFraud
CASH_IN	23,49,52,62,119.68	0
CASH_OUT	41,41,54,64,743.05	197
DEBIT	2,91,76,034.72	0
PAYMENT	2,41,15,73,265.51	0
<b>Total</b>	<b>1,02,16,54,91,896.62</b>	<b>383</b>



isFraud	Sum of amount
0	1,01,82,78,43,615.30
1	33,76,48,281.32
Total	1,02,16,54,91,896.62

## amount by type





⬅️

step

step	Sum of amount	nameDest	Sum of isFraud	nameOrig	type
1	14,121.82	C100555887	0	C69062746	CASH_OUT
1	55,837.16	C100555887	0	C713898436	CASH_IN
1	2,806.00	C1007251739	1	C2101527076	CASH_OUT
1	6,983.76	C101601906	0	C1338065644	DEBIT
1	4,188.03	C101601906	0	C722513129	DEBIT
1	9,980.32	C1018298342	0	C1589466857	CASH_OUT
1	1,53,952.87	C1023714065	0	C1017792343	CASH_OUT
1	1,98,847.32	C1023714065	0	C1088491512	CASH_IN
1	6,82,894.68	C1023714065	0	C1177072083	TRANSFER
1	6,81,093.57	C1023714065	0	C1335061928	CASH_OUT
1	2,27,768.63	C1023714065	0	C1445424568	CASH_OUT
1	2,89,645.52	C1023714065	0	C1446001495	CASH_OUT
1	3,31,545.25	C1023714065	0	C1466413743	TRANSFER
1	21,502.38	C1023714065	0	C1517116047	TRANSFER
1	2,69,603.45	C1023714065	0	C1591954203	CASH_IN
1	5,40,789.56	C1023714065	0	C1609086753	CASH_OUT
1	2,51,482.63	C1023714065	0	C1917442783	CASH_IN
Total	1,02,16,54,91,896.61		383		



Preparing Q&A

# Insights

- . Fraudulent transactions tend to have higher average amounts compared to legitimate transactions, indicating targeted high-value fraud attempts.
- .> A significant number of fraudulent transactions originate from accounts with previously high balances, suggesting that fraudsters prefer accounts with substantial funds.
- .> Certain transaction types are more prone to fraud, especially those that involve moving money out of the system, such as TRANSFER and CASH\_OUT.
- .> Accounts that interact frequently with merchants showing a high occurrence of fraud may be part of a larger fraudulent network.
- .> There's a noticeable spike in transaction amounts at specific times, hinting at coordinated fraud attempts or batch processing of transactions.