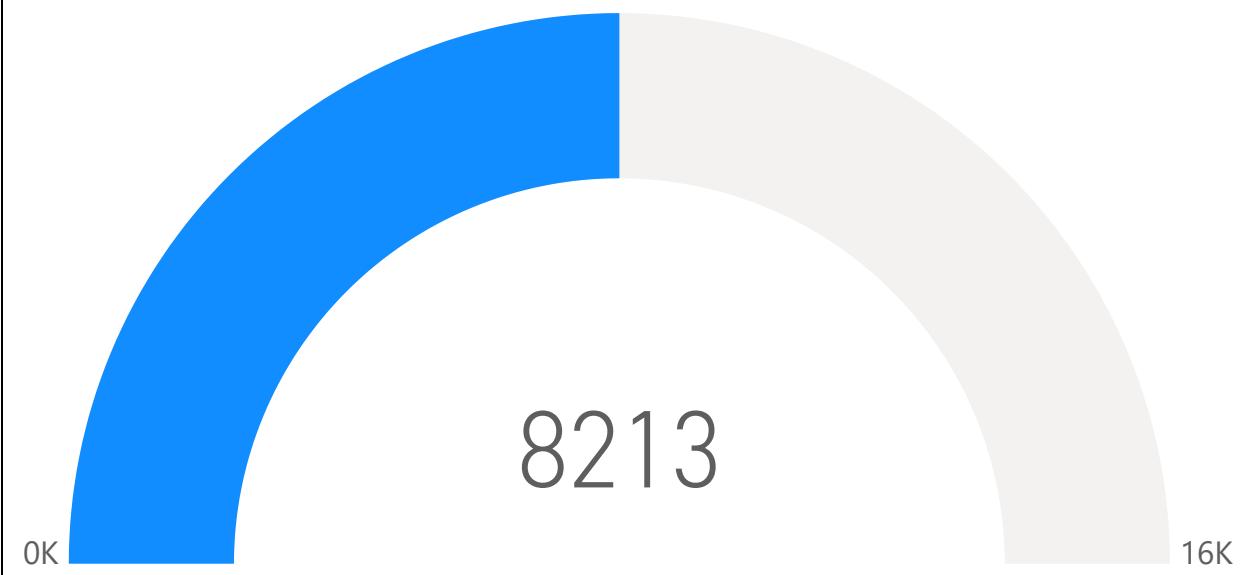
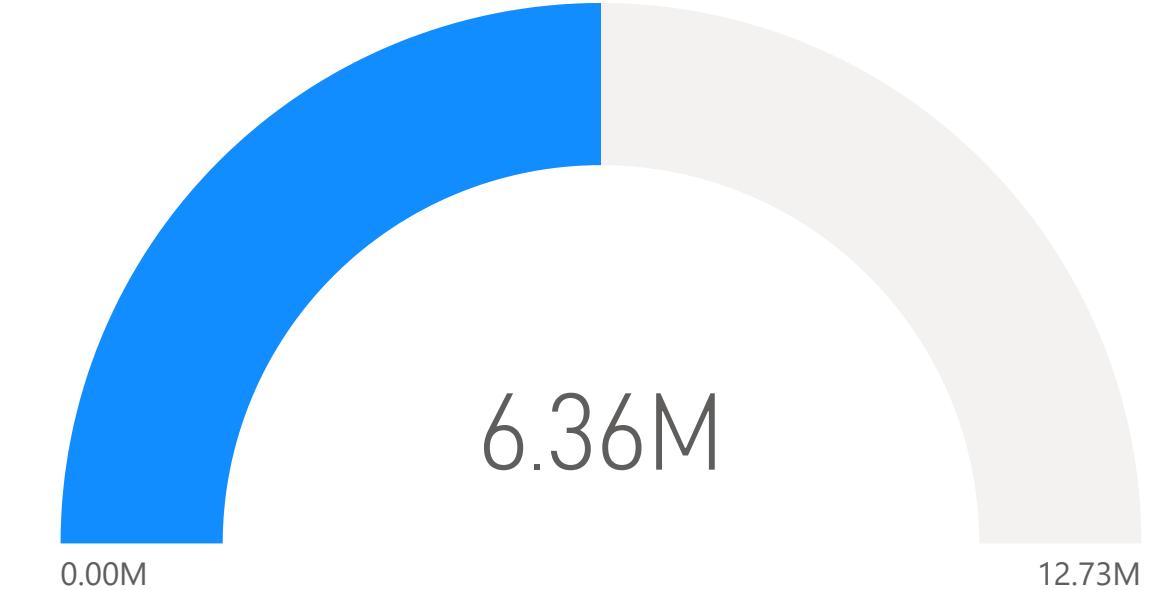


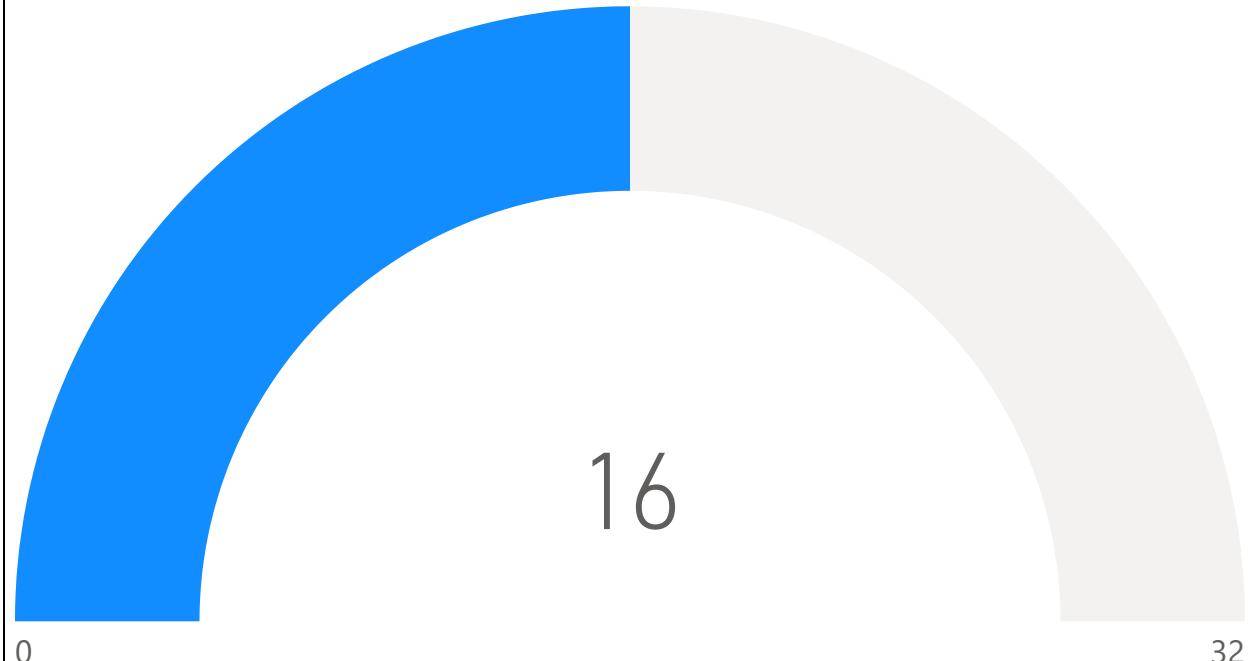
FraudCount



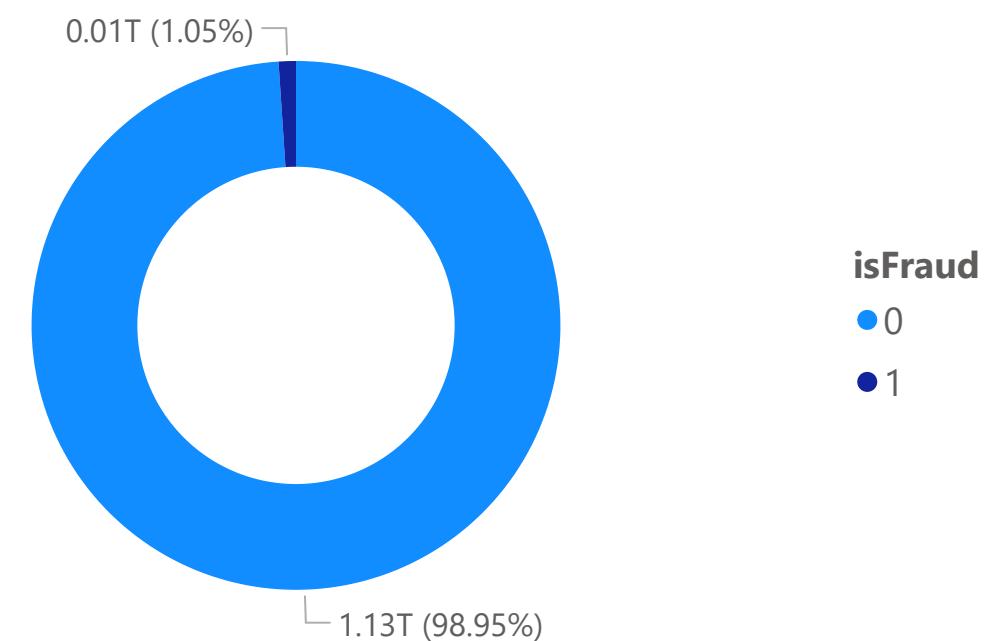
Count of nameDest and First nameDest



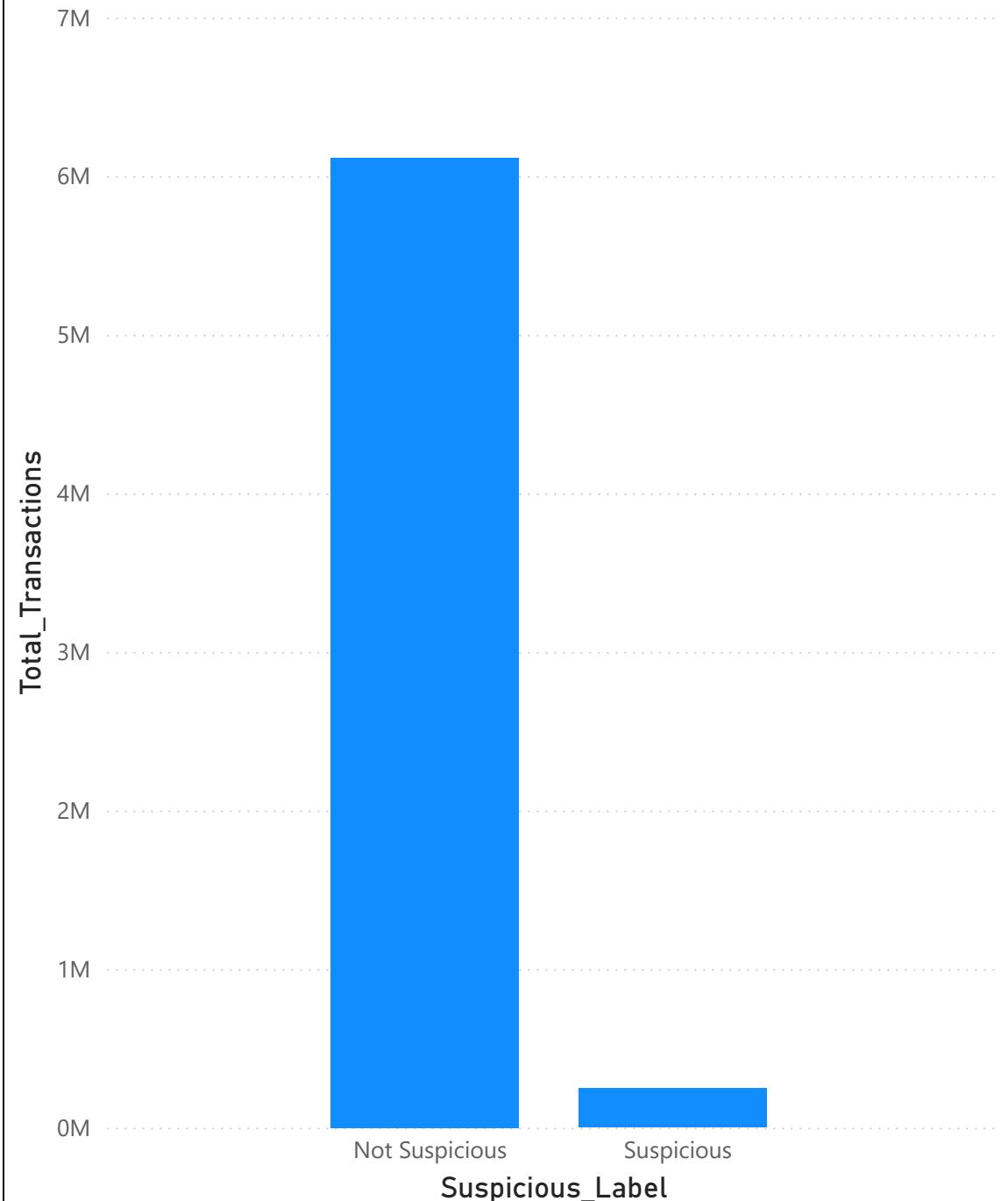
FlaggedFraudCount



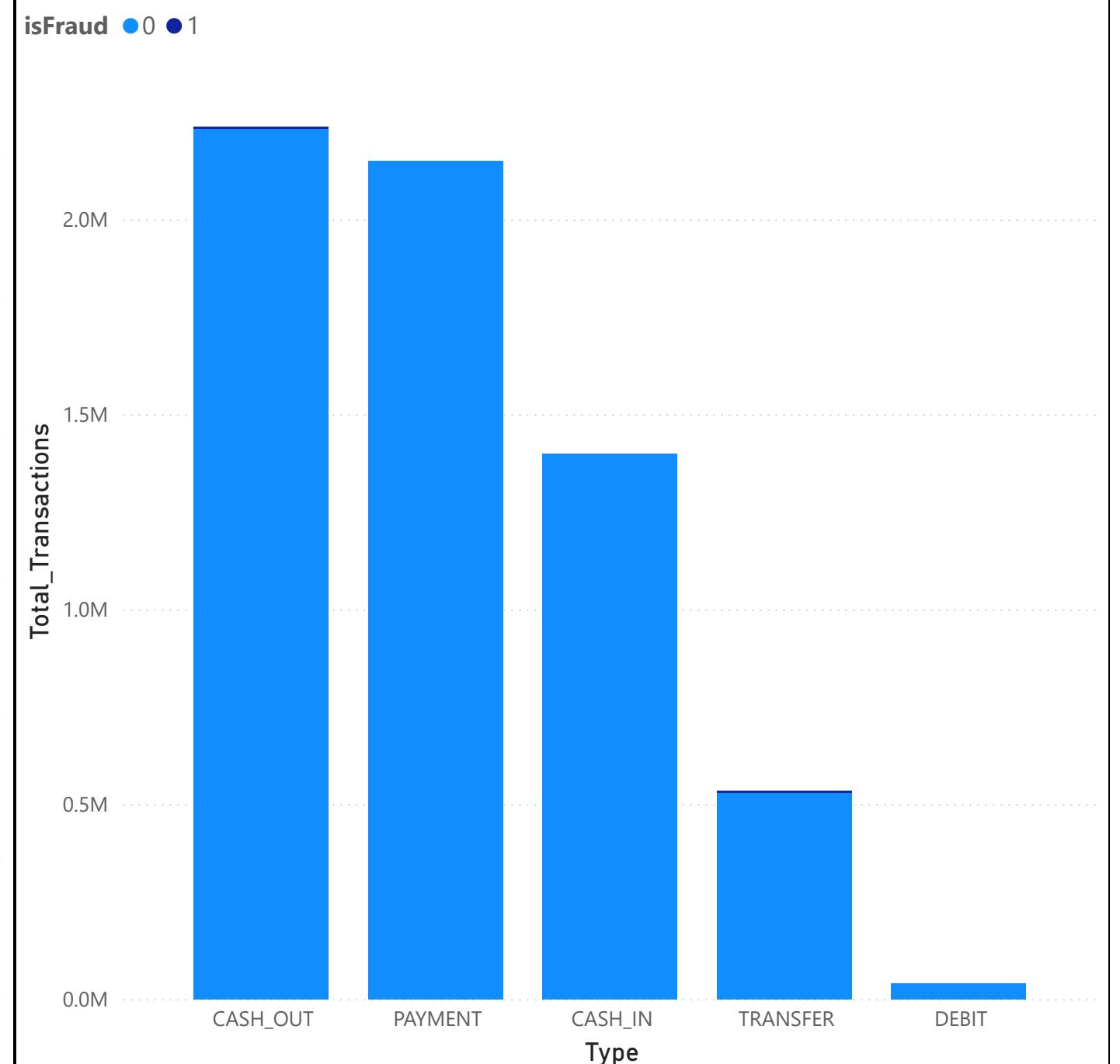
Amount Distribution Comparison



Suspicious Flags Analysis

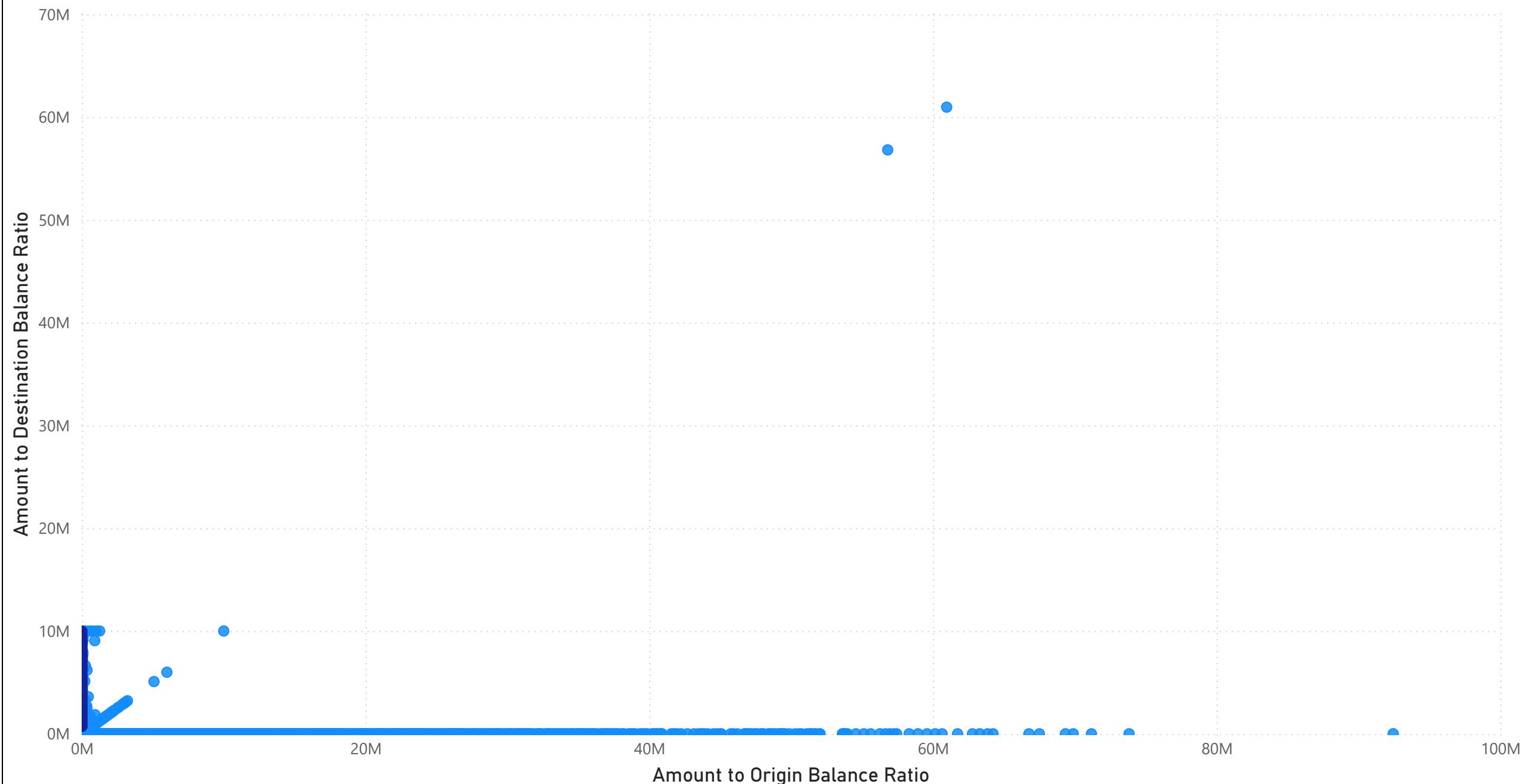


Fraud Distribution by Transaction Type



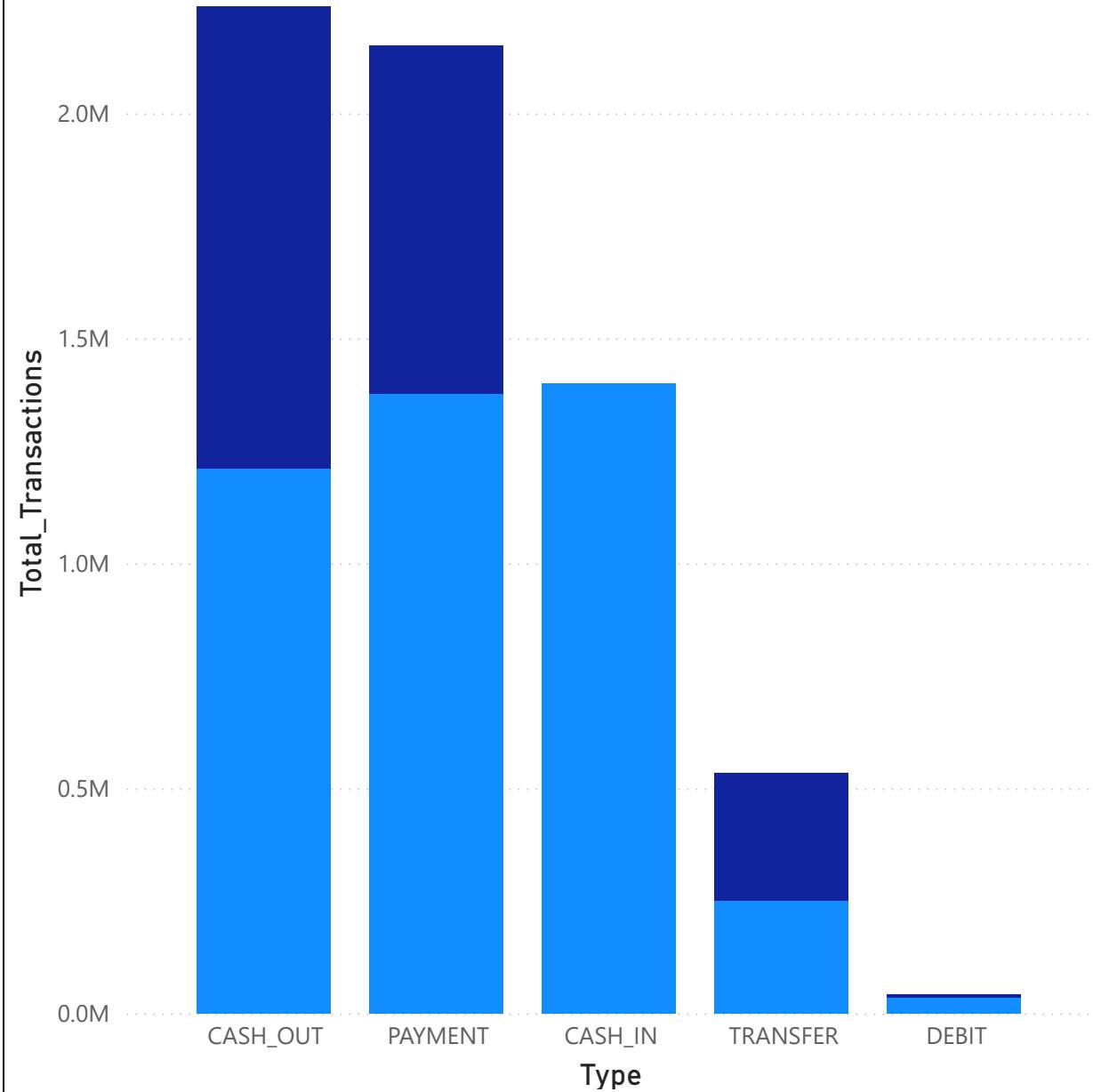
Amount to Balance Ratio Insights

isFraud



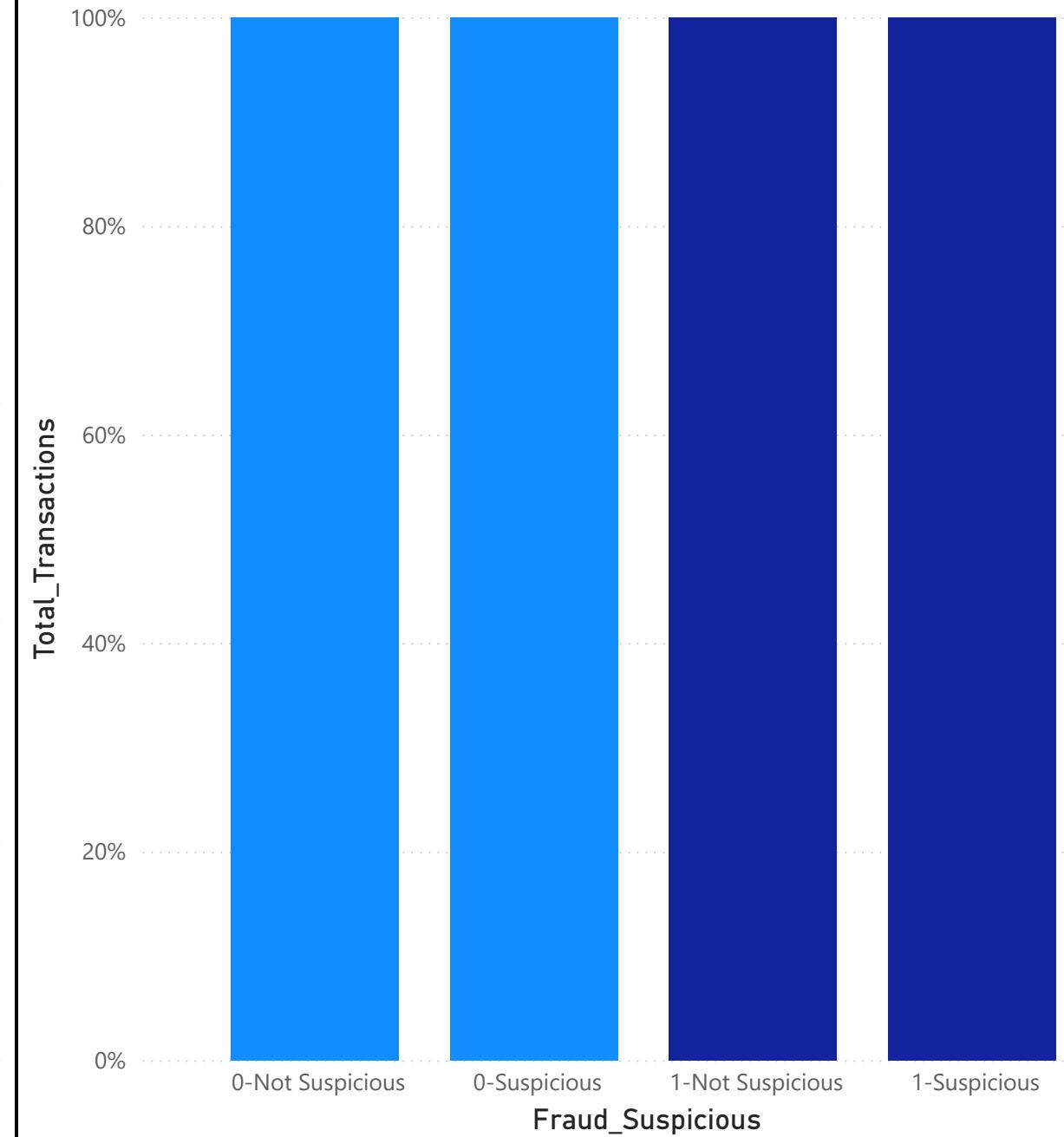
Zero Balance Flag Transactions

orig_zero_balance_flag ● 0 ● 1

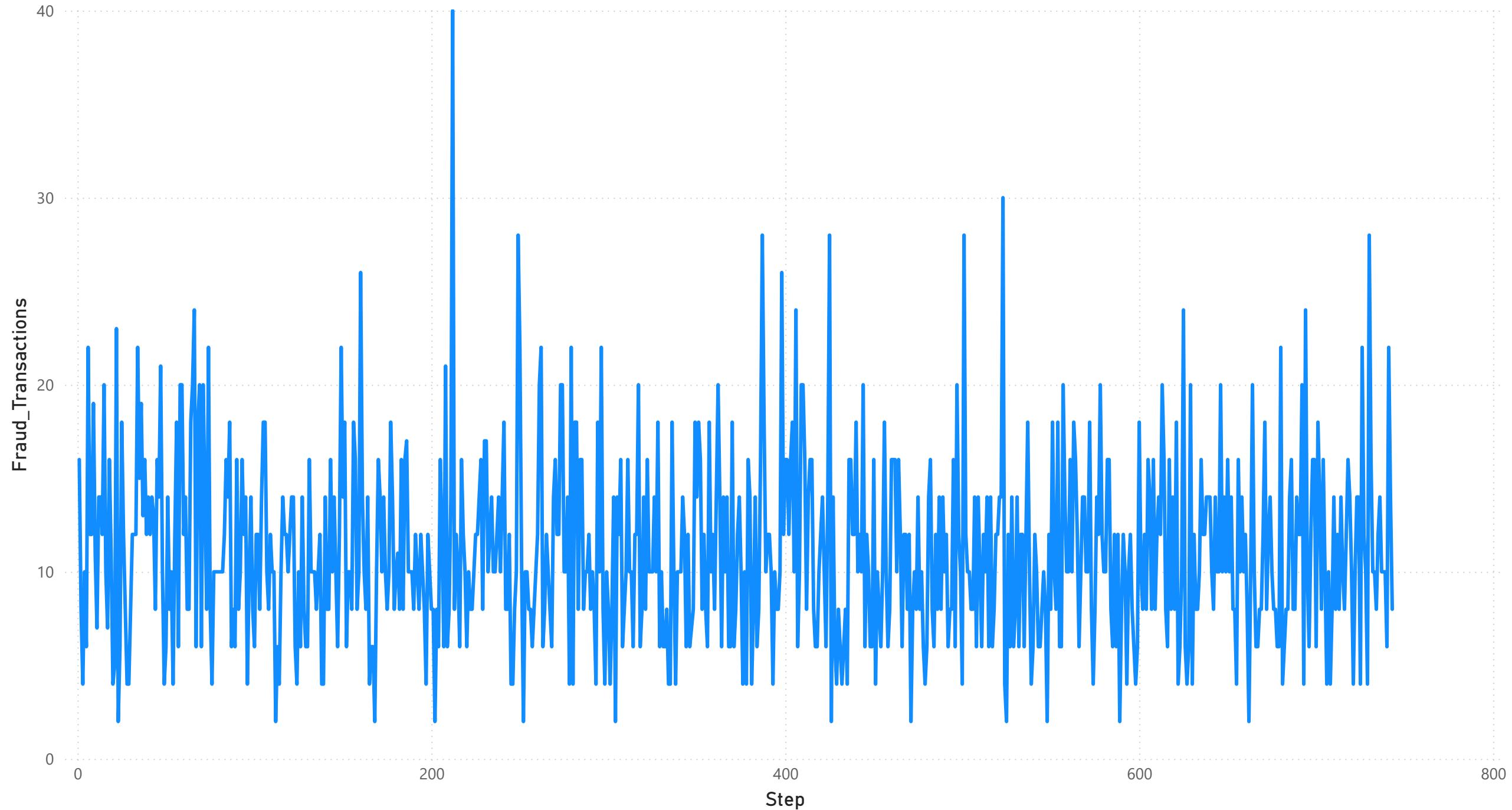


Fraud vs. Suspicious Pattern Overlap

isFraud ● 0 ● 1



Time Trend of Fraudulent Transactions

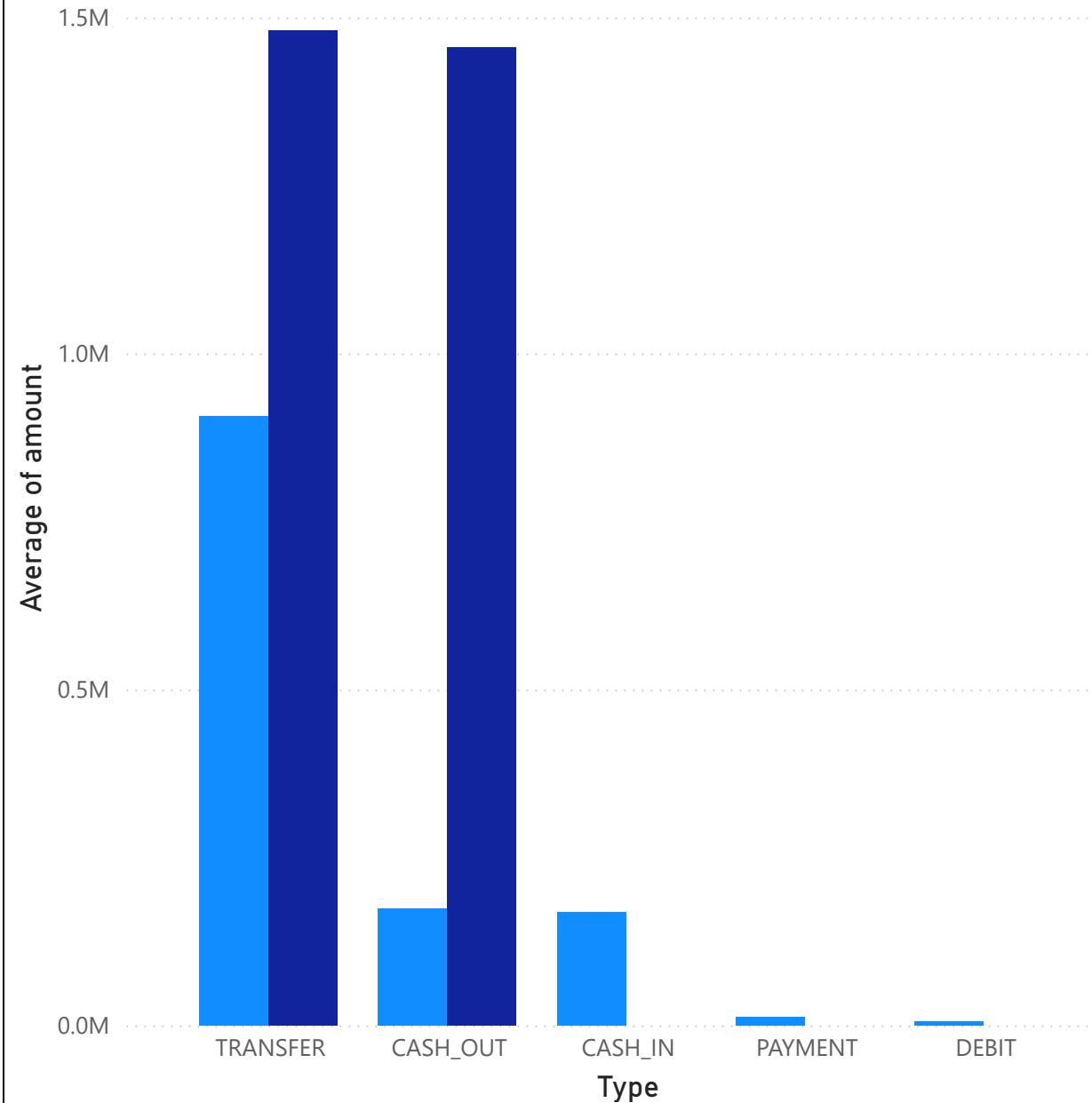


Top Destinations and Origins in Fraud

C988696172 38427.47	C989949797 1240717.75	C991884461 217506.28	C993905449 1641792.79	C99537162	C995702691	C995709534	C995717060	C996012482
C988753376 2044841.02	C9901046 81867.07	C991907314 127447.68	C993958869 7304.56	1947807.58	40043.74	43357.65	447474.67	1567549.99
C988790876 1825908.12	C990236688 24773.86	C992060684 1309602.55	C99418495 4598089.88	C99611102 130777.09	C997289329	C997543700	C997567120	C997585991
C988859148 231978.48	C991247178 534255.94	C99354775 364333.03	C994730180 5624.02	C99638718 74447.11	807466.16	151715.39	1082200.06	219934.26
C989314619 253261.96	C991335856 1433038.32	C993635374 323726.61	C995043220 2463190.9	C997122049 120598.96	C997789760 375419.35	C998024073 438983.45	C998514614 19244.9	C999409522
C989495920 2085019.56	C991505714 963532.14	C993674032 102256.57	C995250059 757422.83	C997146902 389275.23	C997349190 37394.15	C999470580 256556.98	C999708230 C999554...	
C989926584 2498370.12	C991624495 287040.14	C993688560 159724.42	C995315551 513610.51	C997271871 88748.63	203119.08	1555182.41		534518.98

Average Amount by Transaction Type and Fraud Status

isFraud 0 1



Fraud Rate by Transaction Amount Range (Dynamic Binned Analysis)

0.02

Fraud_rate

0.00

Over 1M

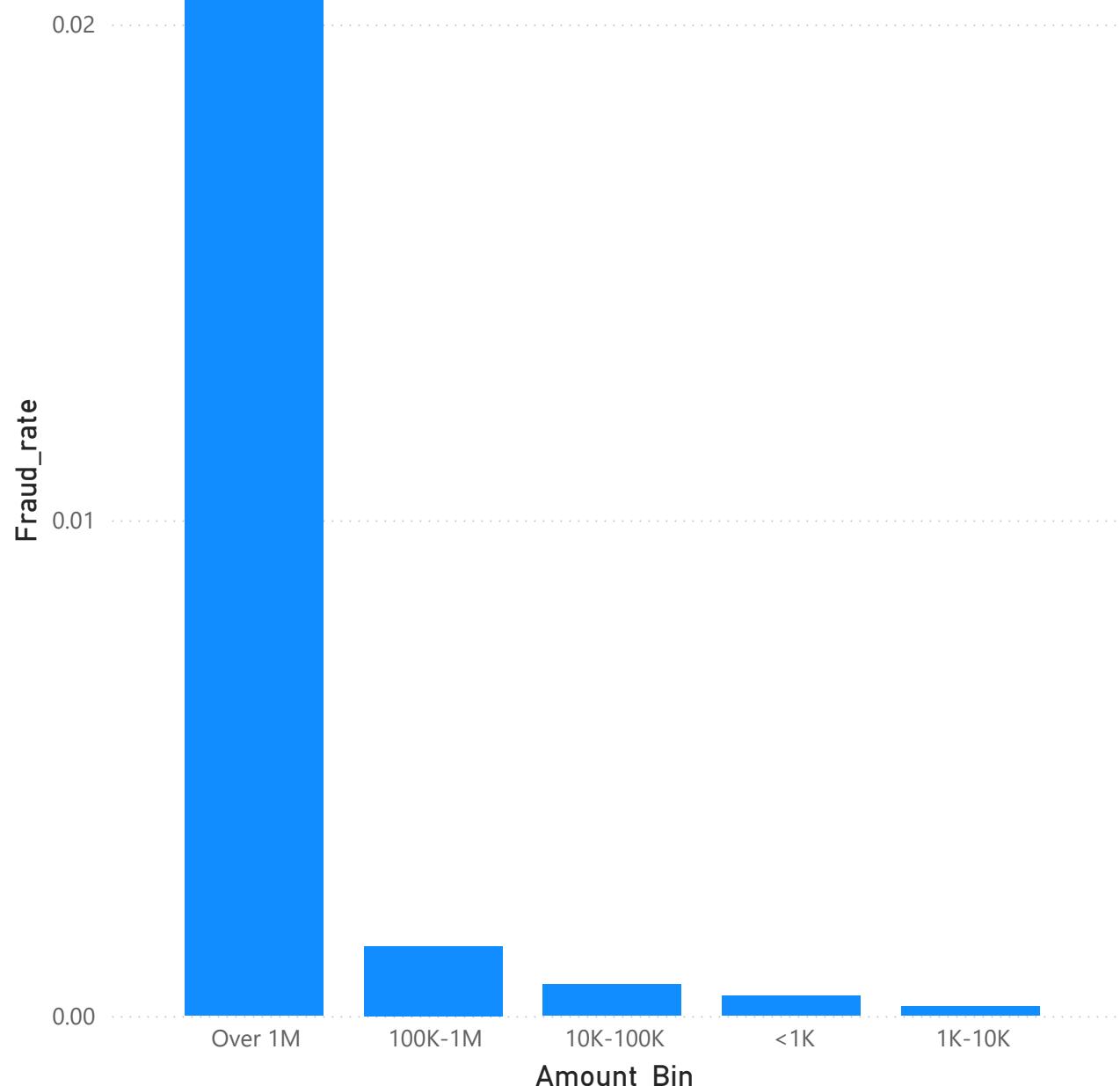
100K-1M

10K-100K

<1K

1K-10K

Amount_Bin



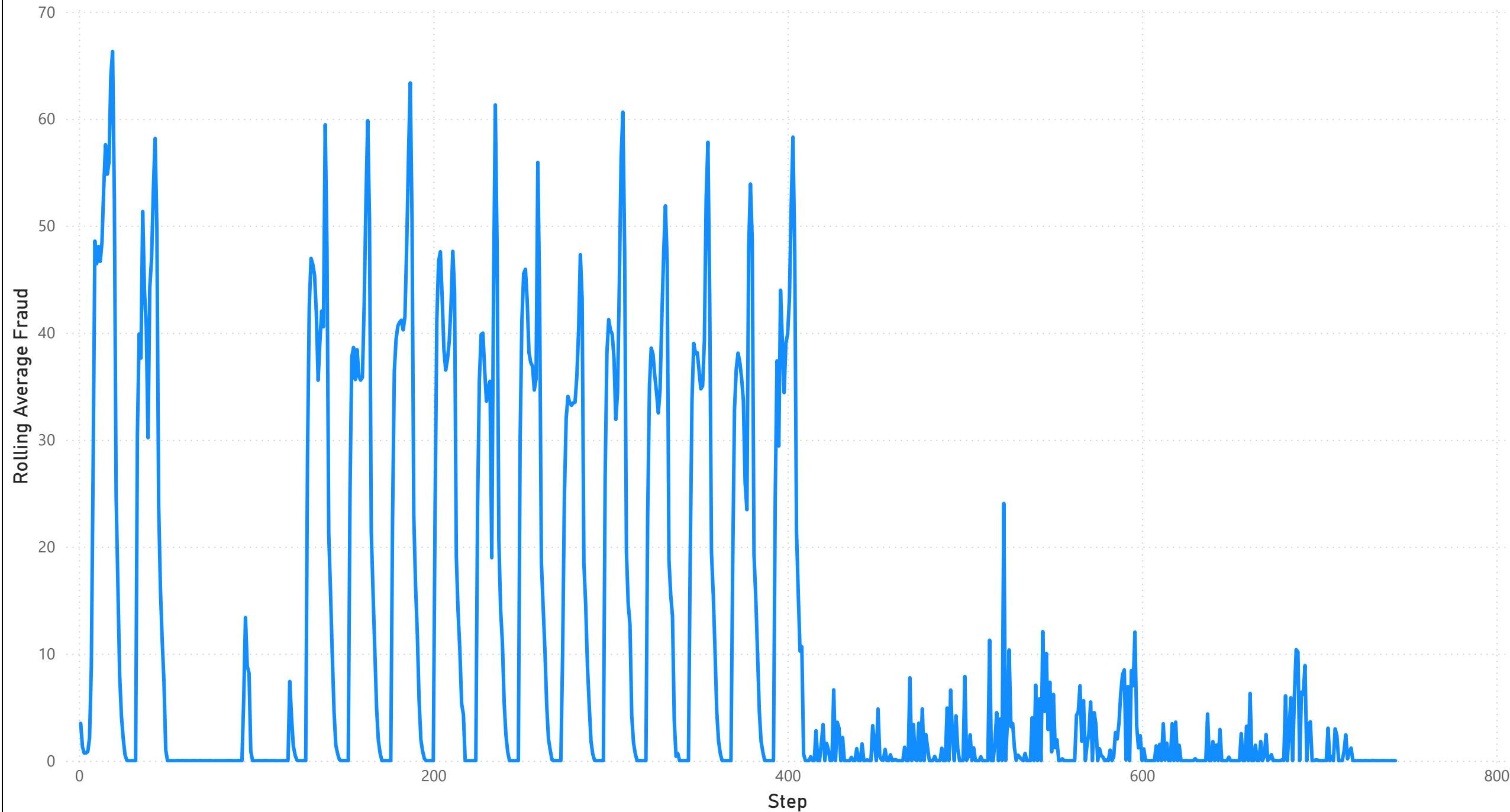
Fraud Rate Trend Over Time (Percentage)

Step

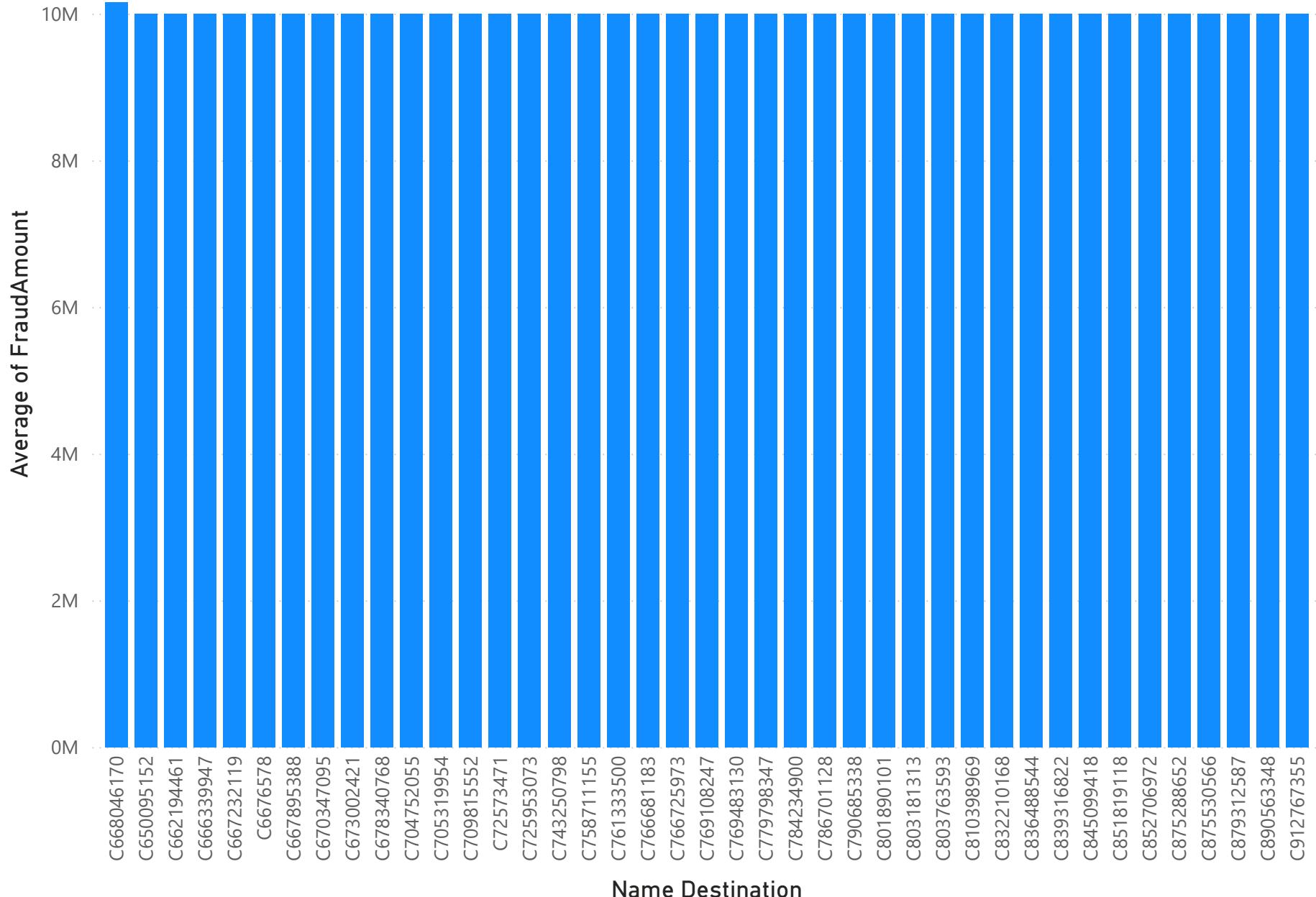
Transaction Type and Suspicious Flag Summary

type	Not Suspicious	Suspicious	Total
CASH_IN	1399284		139928
CASH_OUT	2237500		223750
DEBIT	41432		4143
PAYMENT	2151495		215149
TRANSFER	284468	248441	53290
Total	6114179	248441	636262

Rolling Average of Daily Fraud (Temporal Trend)



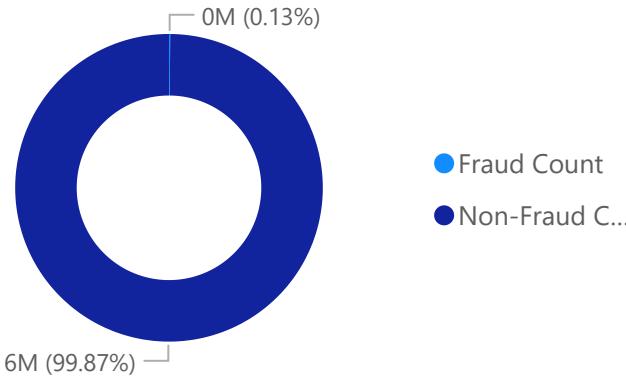
Top Origin/Destination by Fraud Amount (Advanced Ranking / Top N)



Fraud Count by Type and Suspicious Pattern (Pivoted Matrix)

type	0	1	Total
CASH_IN	0	0	0
CASH_OUT	4116	4116	4116
DEBIT	0	0	0
PAYMENT	0	0	0
TRANSFER	4093	4	4097
Total	8209	4	8213

Fraud Count and Non-Fraud Count



6M	8213
Total Transactions	Fraud Count

