

OVERVIEW DASHBOARD

TOTAL TRANSACTION

100K

TOTAL FRAUD CASE

1K

FRAUD PERCENTAGE

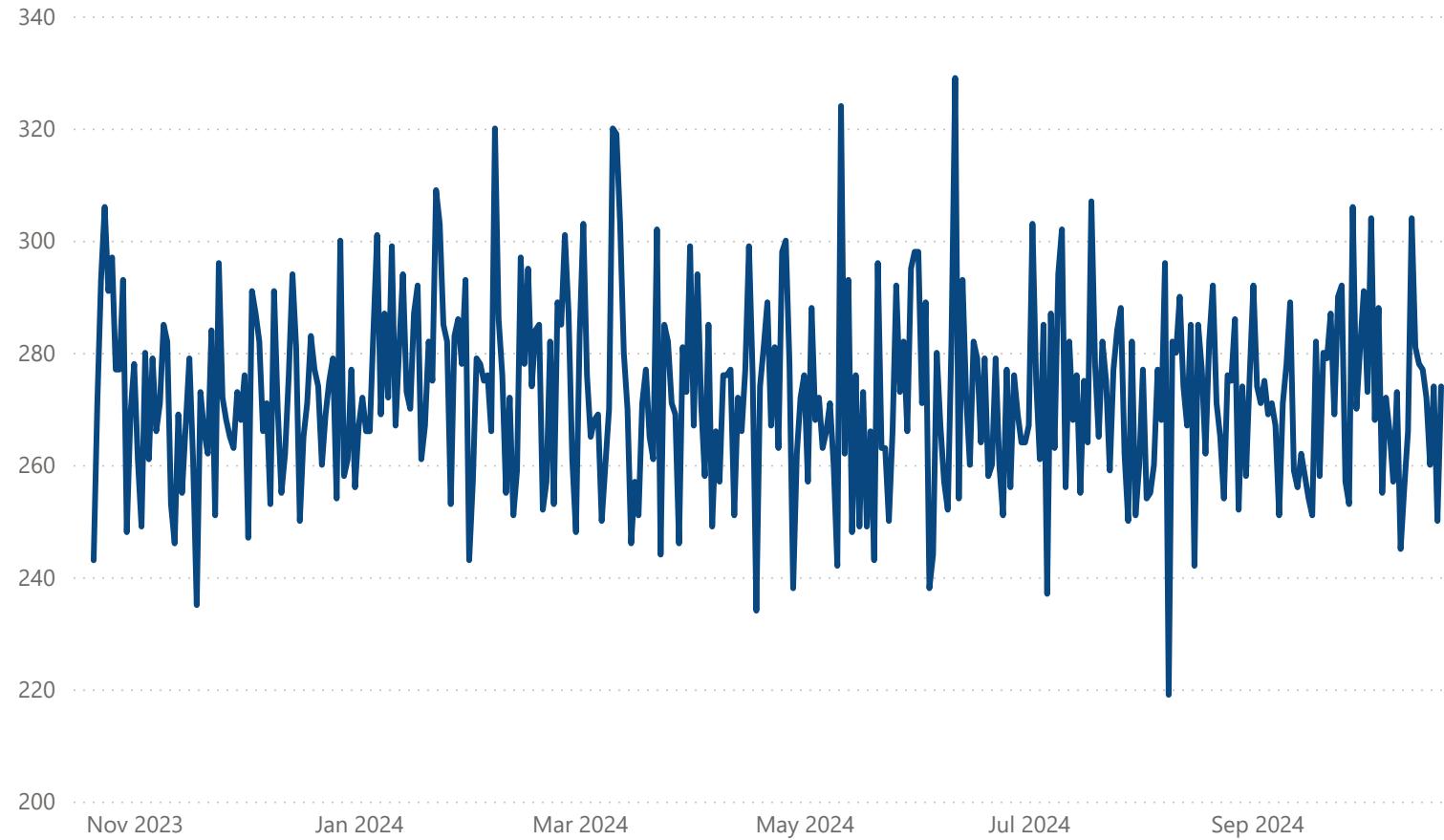
1.00%

21-10-2023

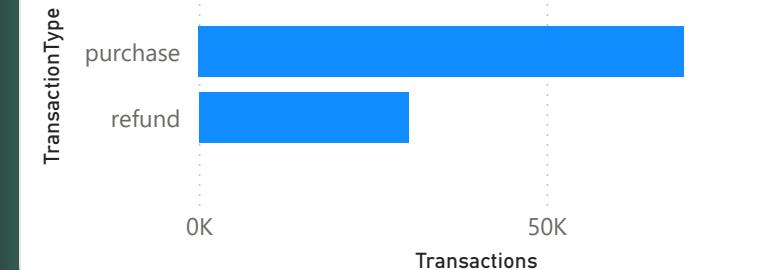
21-10-2024



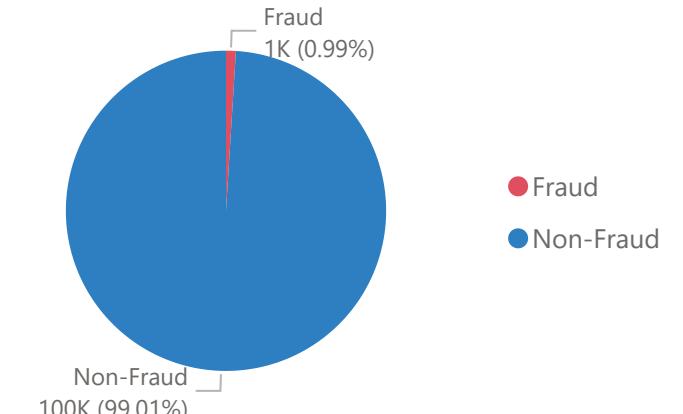
No. of Transactions by TransactionDate



Transactions by TransactionType

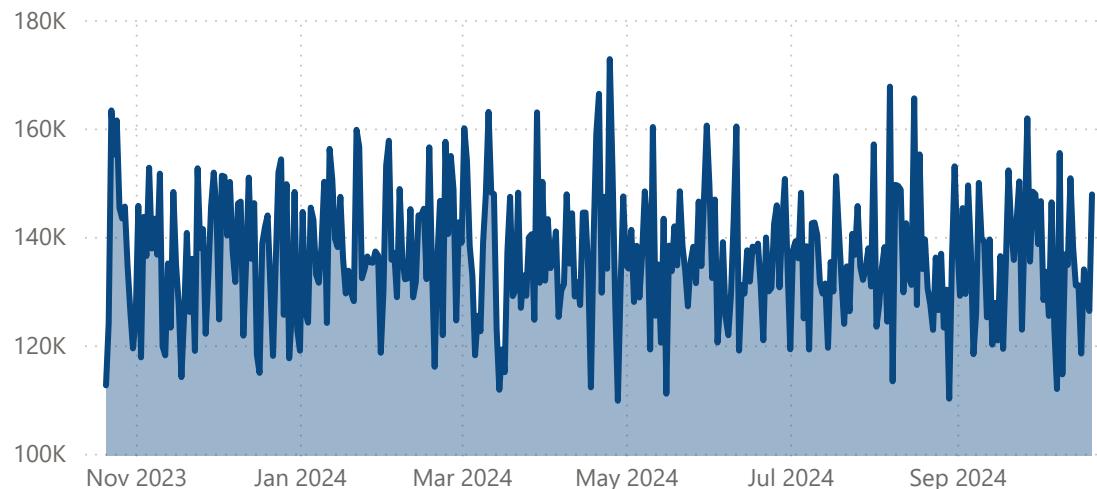


Fraud and Non-Fraud



TRANSACTION TRENDS

TOTAL TRANSACTION AMOUNT OVER TIME

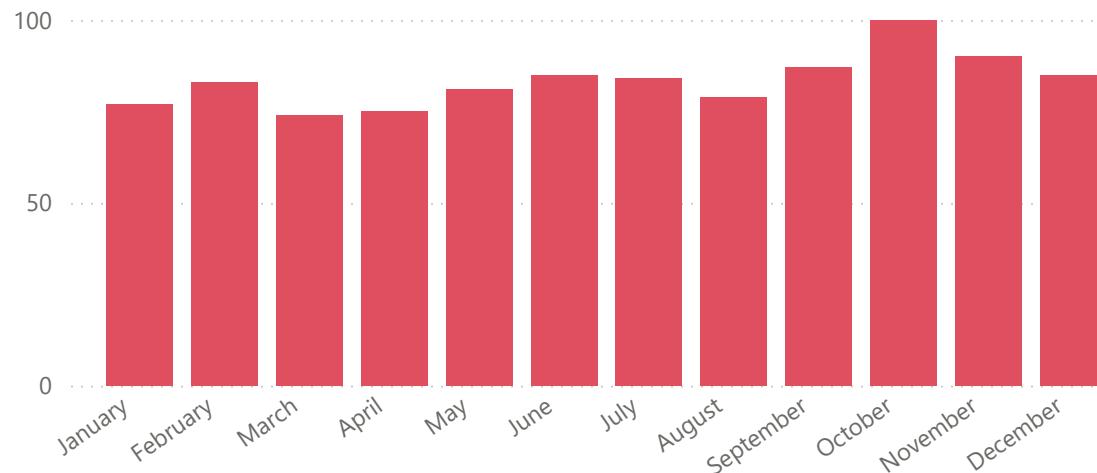


TOTAL TRANSACTION

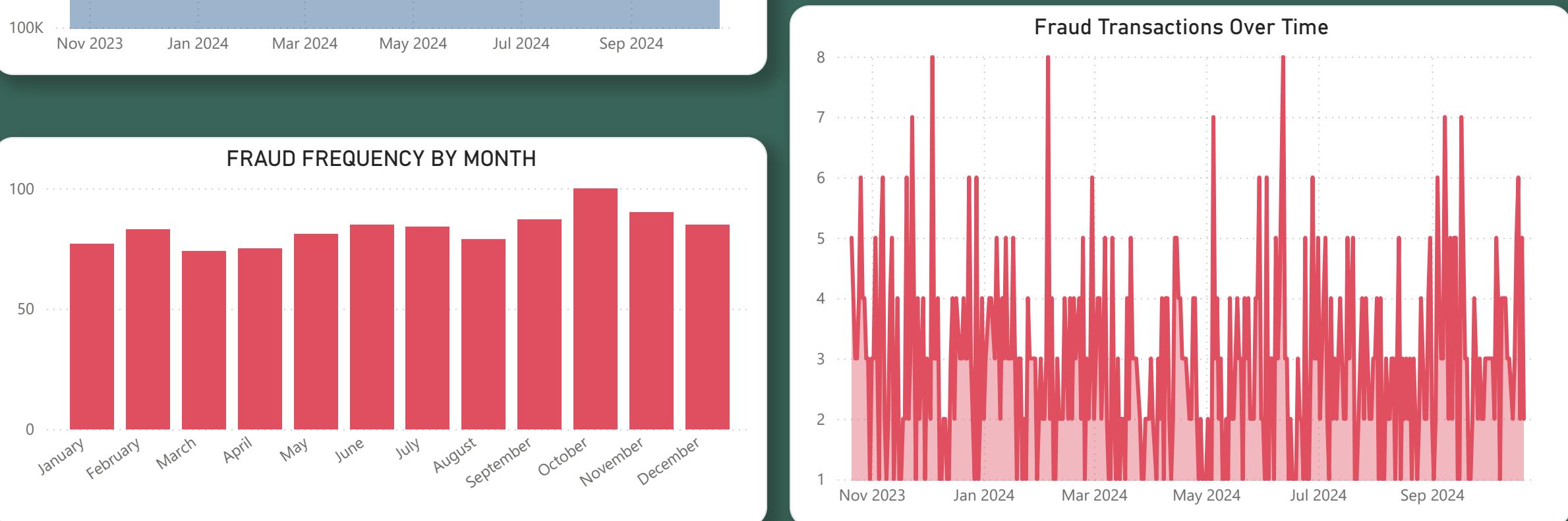
100K

21-10-2023 21-10-2024

FRAUD FREQUENCY BY MONTH



Fraud Transactions Over Time



LOCATION ANALYSIS

21-10-2023

21-10-2024

Highest Transaction Volume

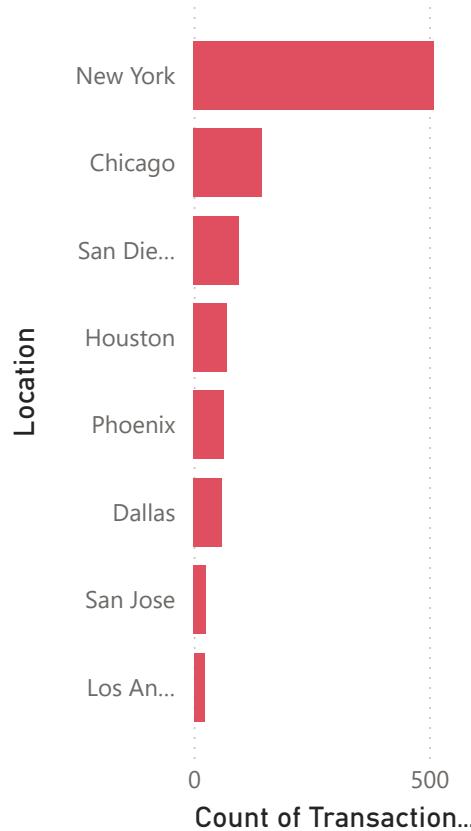
Chicago

City with Highest Fraud

New York

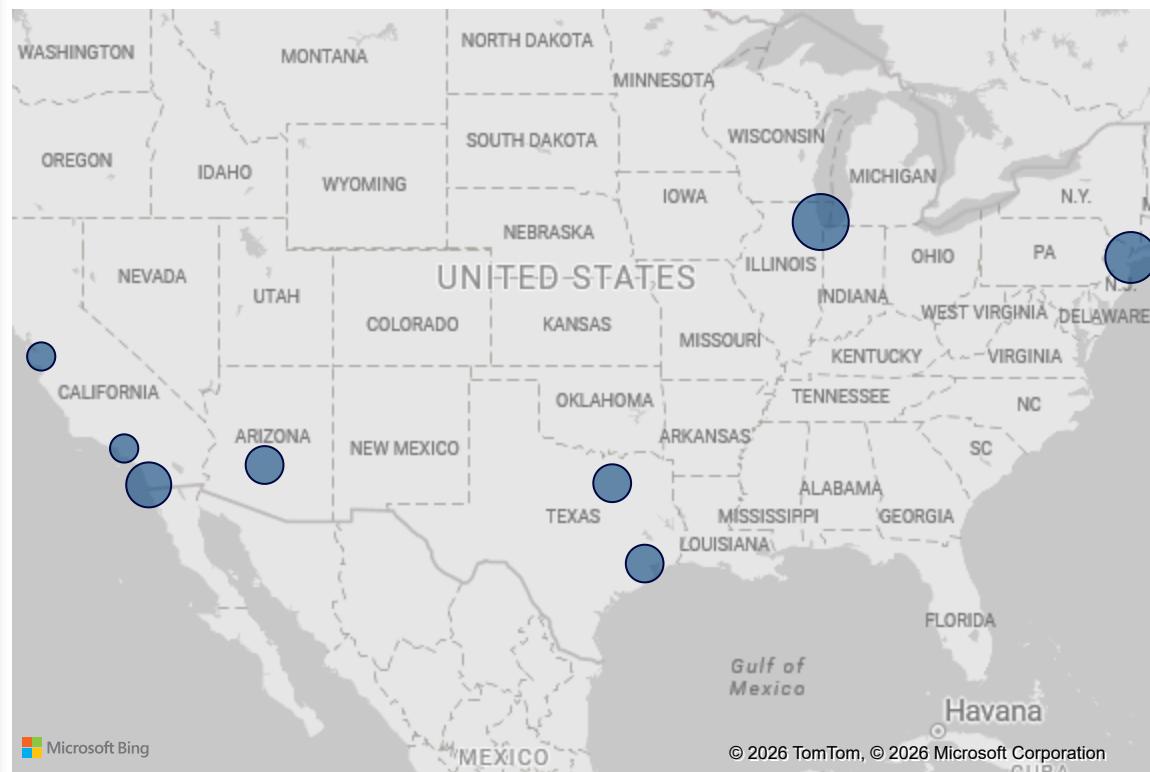
Fraud Concentration

FRAUD-PRONE LOCATIONS



⚠ This visual type is being retired soon. Contact your admin to upgrade.

TRANSACTIONS BY LOCATION



New York

Chicago

San Die...

Houston

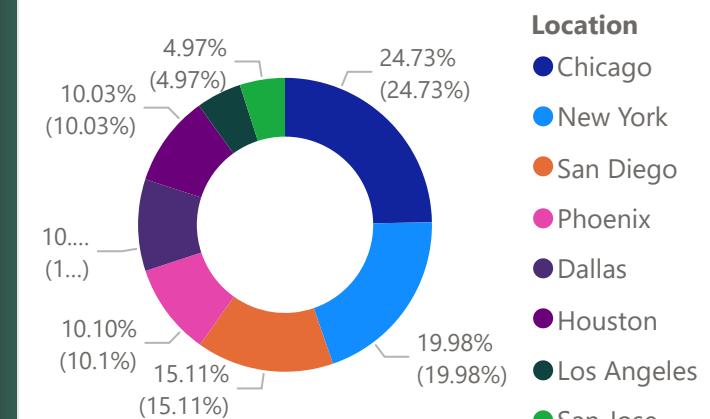
Dallas

Phoenix

San Jose

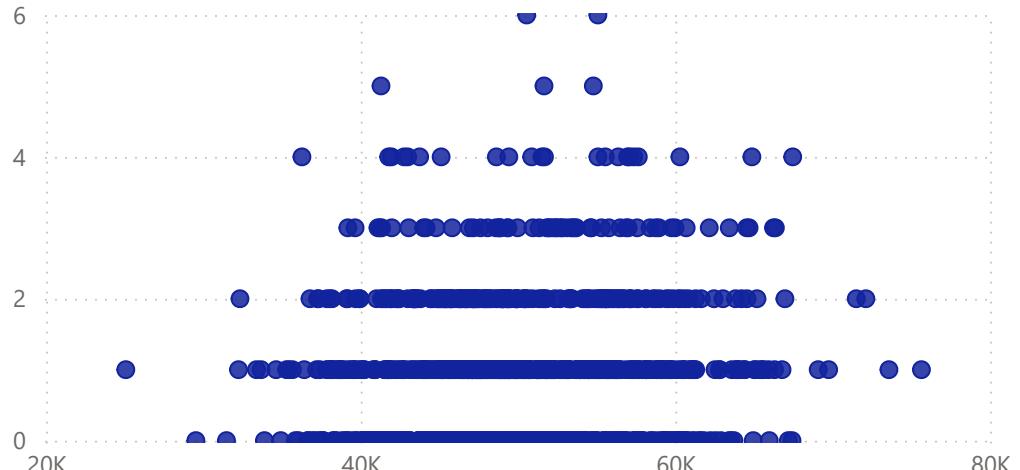
Los Ange...

Transaction Share by Location



MERCHANT ANALYSIS

Transaction Amount vs Fraud Amount



Merchant Summary

Fraud %	Total Trans	MerchantID	Fraud Count
0.00%	113	1	0
0.00%	104	2	0
0.00%	99	3	0
0.00%	97	5	0
0.00%	97	9	0
0.00%	94	11	0
0.00%	97	14	0
0.00%	88	18	0
0.00%	92	20	0
100.00%	100000	21	0

21-10-2023

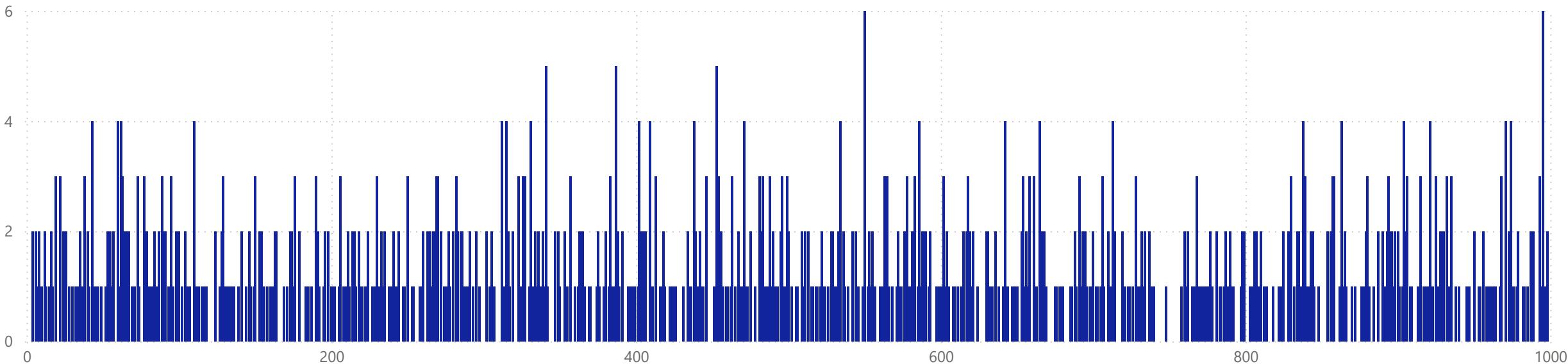
21-10-2024

21-10-2023 21-10-2024

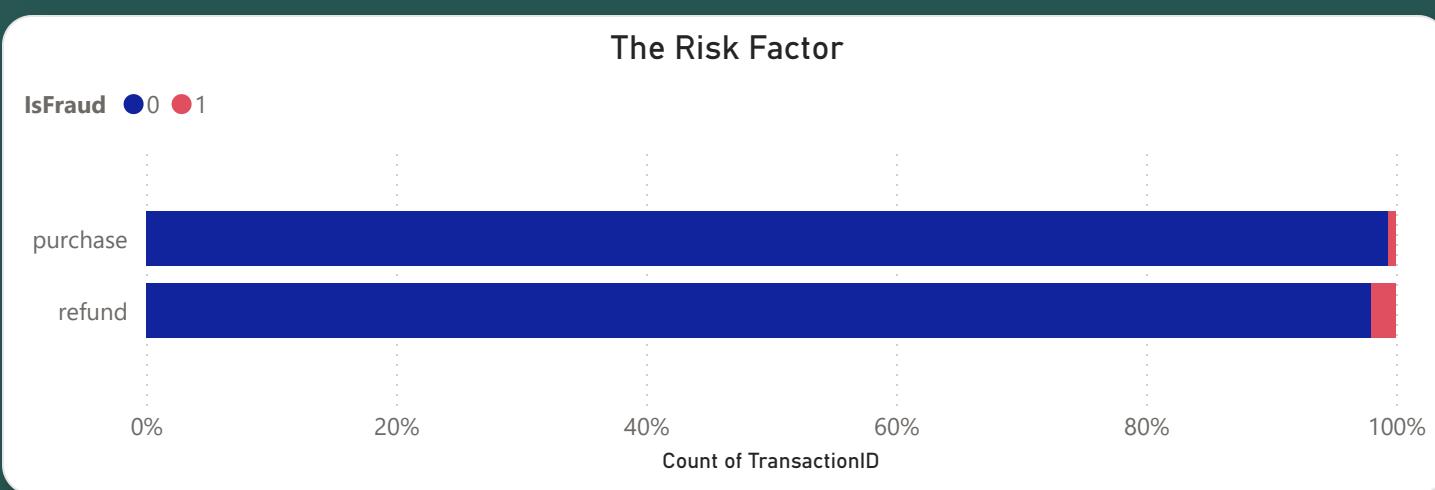
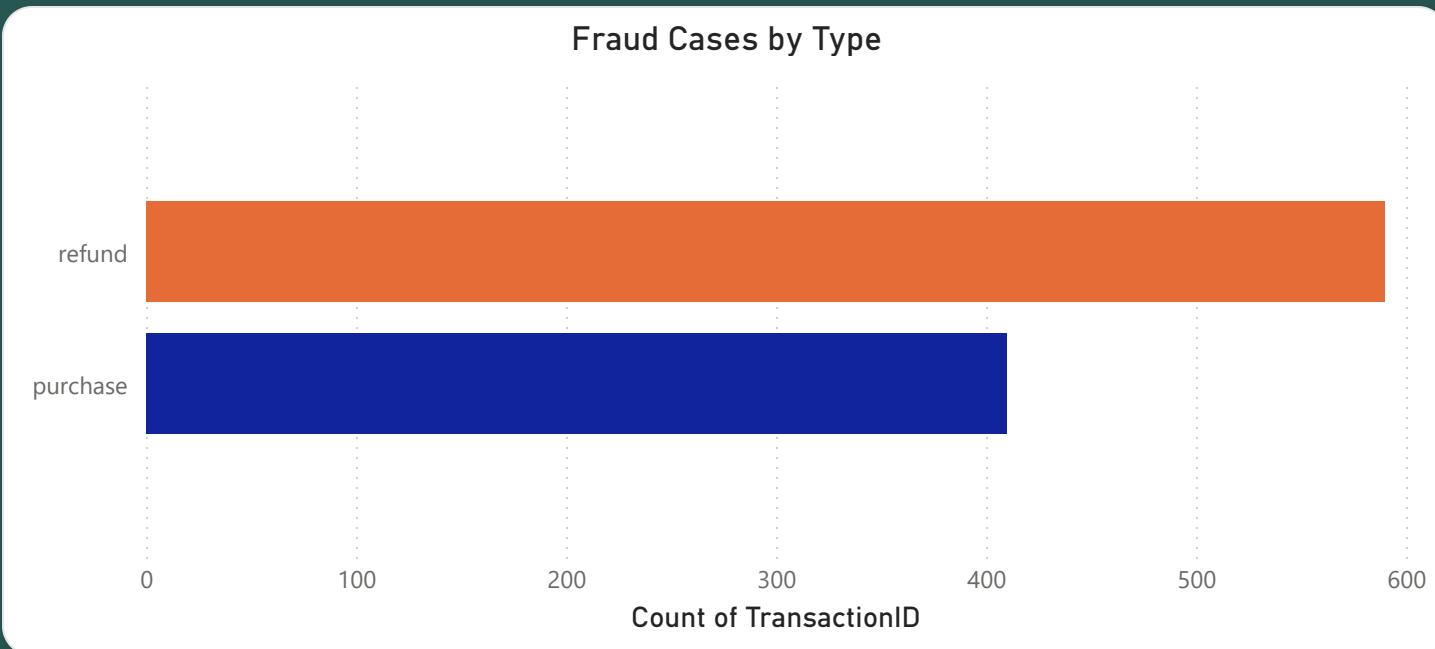
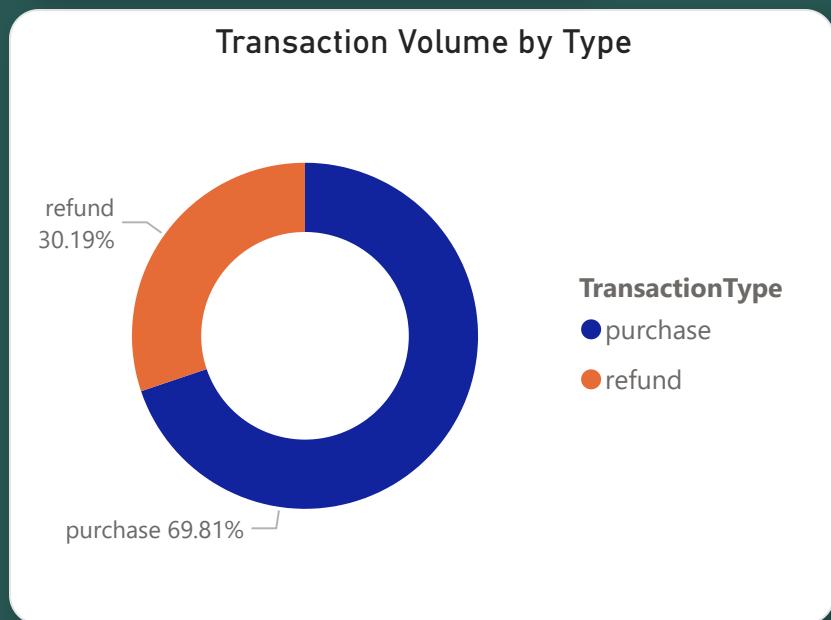
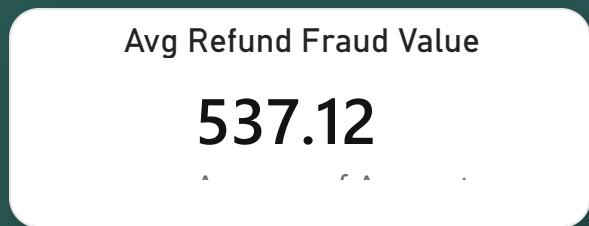
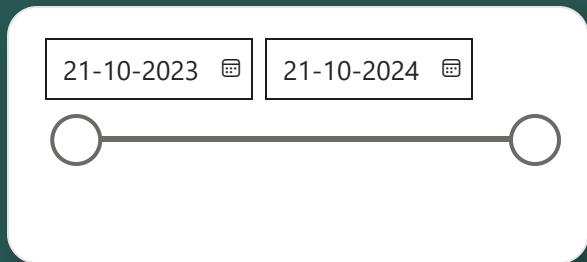
Total Merchants with Fraud

1K

Fraud Count per Merchant



TRANSACTION TYPE ANALYSIS.

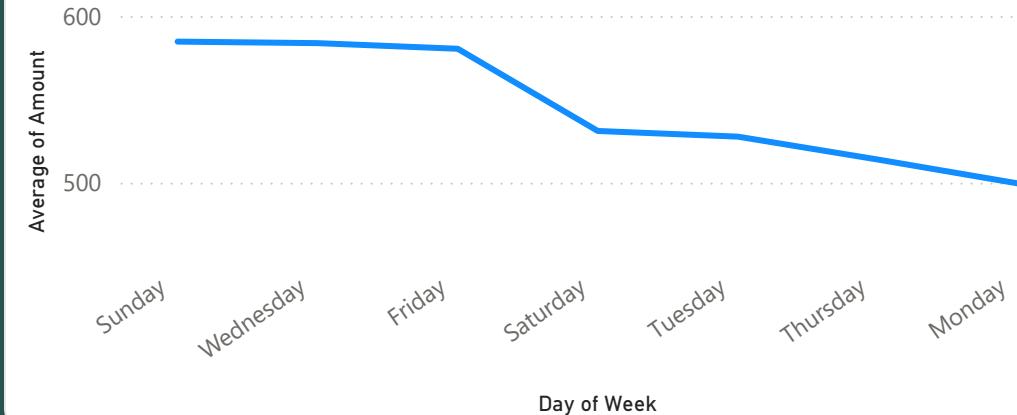


TEMPORAL PATTERNS

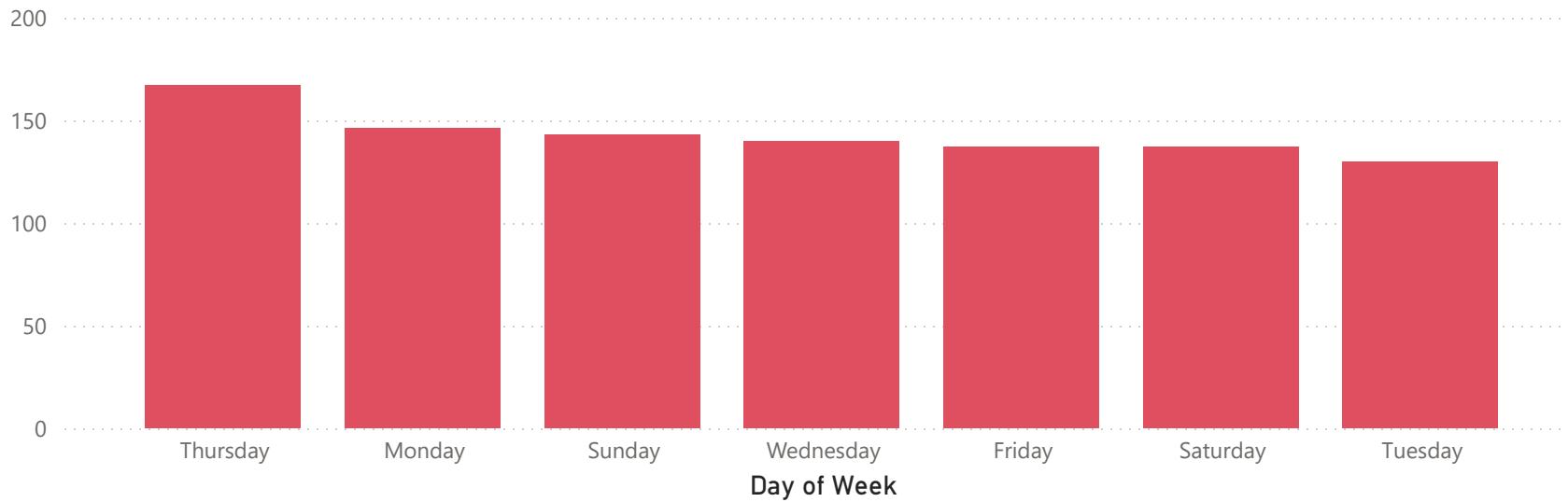
Heatmap: Day vs. Location

Location	Friday	Monday	Saturday	Sunday	Thursday	Tuesday	Wednesday	Total
New York	60	76	72	75	88	67	72	510
Chicago	18	17	22	23	26	19	21	146
San Diego	21	14	14	11	10	12	15	97
Houston	11	8	10	11	11	9	11	71
Phoenix	7	14	6	13	7	9	9	65
Dallas	11	7	10	6	12	6	9	61
San Jose	3	5	2	2	9	5	1	27
Los Angeles	6	5	1	2	4	3	2	23
Total	137	146	137	143	167	130	140	1000

Avg Stolen Amount by Day

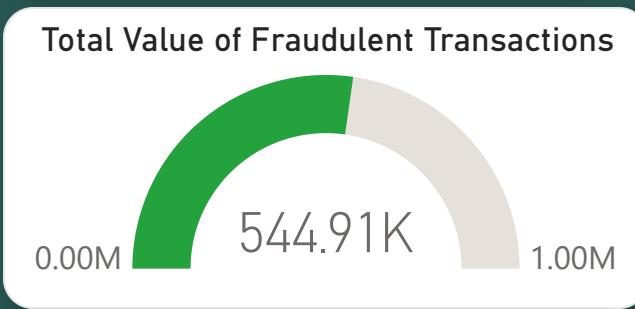
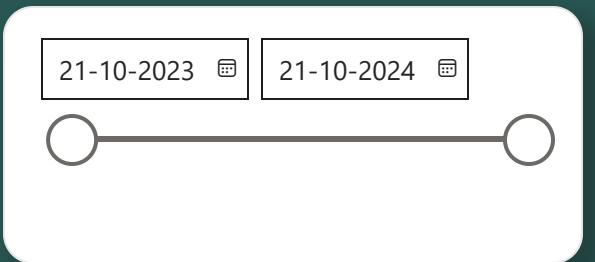


Fraud Volume by Day

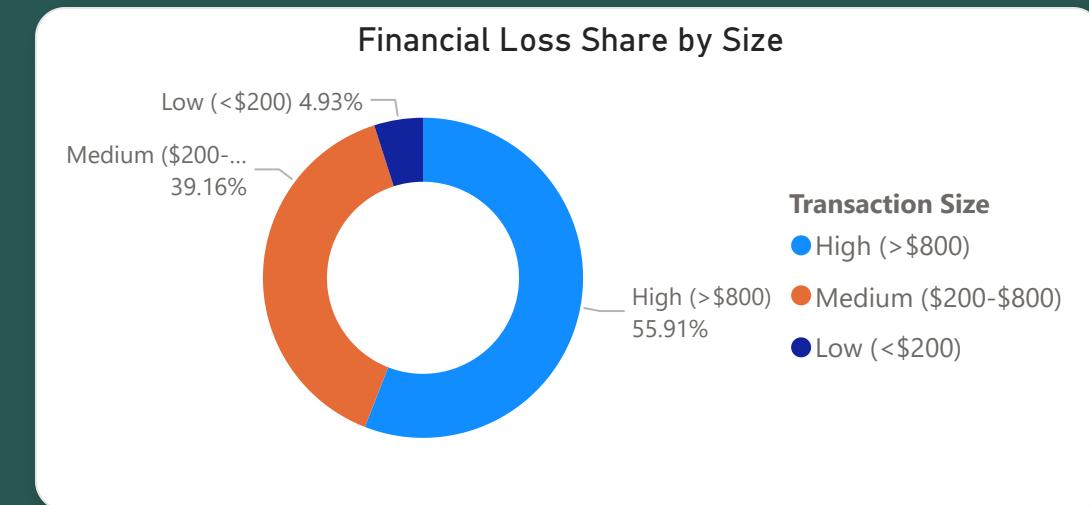
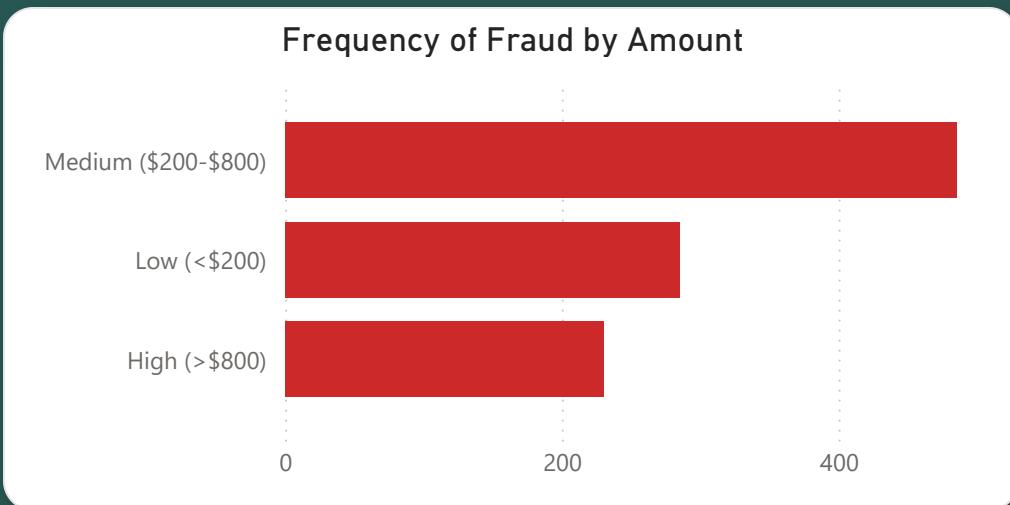


21-10-2023 21-10-2024

RISK PROFILE ANALYSIS

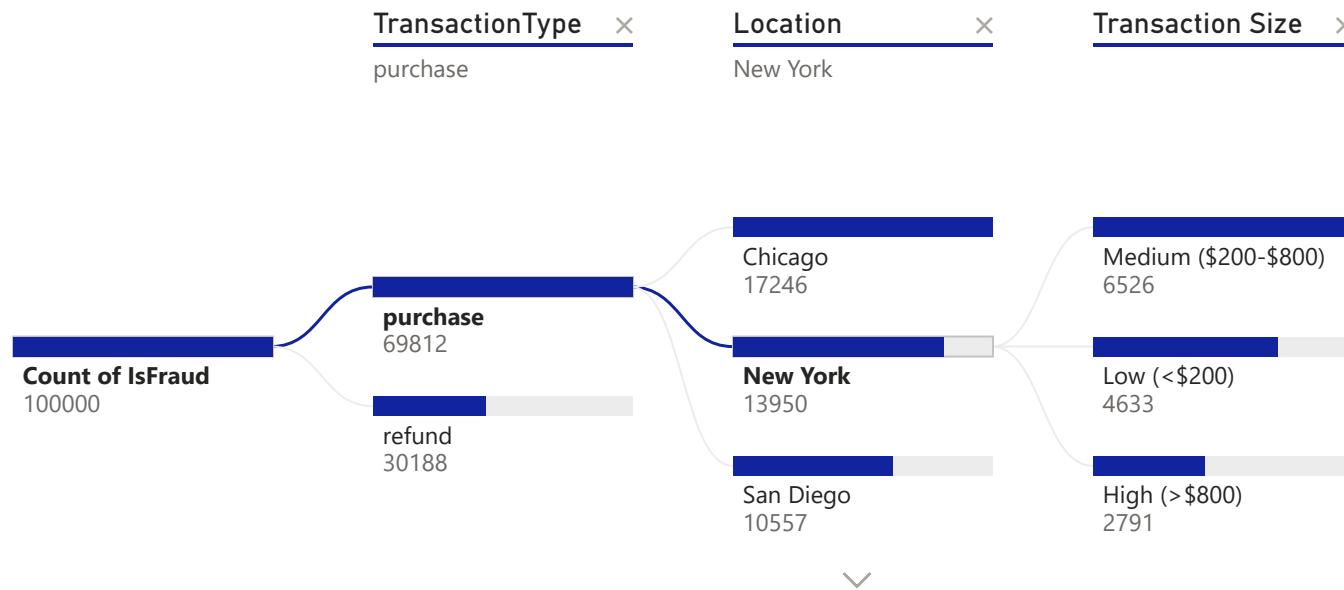


High Value Fraud Alerts (>\$1k)			
Sum of Amount	TransactionID	TransactionType	Location
1,377.87	201	refund	New York
1,222.87	249	purchase	Dallas
1,105.03	914	refund	San Diego
1,158.60	1043	refund	New York
1,908.06	2581	refund	New York
1,269.26	3481	refund	New York
1,035.64	4416	purchase	New York
1,749.80	5042	refund	Chicago
1,537.51	6024	purchase	New York
1,191.38	6676	refund	San Diego
1,230.12	6711	refund	New York
1,096.45	6761	refund	New York
1,249.33	8211	refund	New York
2,44,908.63			



AI DRIVEN ANOMALY DETECTION

The Root Cause Analysis



Key Influencers

Key influencers

When is IsFraud more likely to be ?

0.07

Segment 1

Location is New York

TransactionType is refund

In segment 1, the average IsFraud is 0.07. This is 0.06 units higher than the overall average, 0.01.

Segment 1 0.07

Overall 0.01

Segment 1 contains 6,031 data points (6.0% of the data).