

Transaction
Overview

Fraud
Analysis

Transactio
n Amou...

Advanced
Fraud...

Lab
Specific

Lab
Specific 2

Insights

dax

Slicers

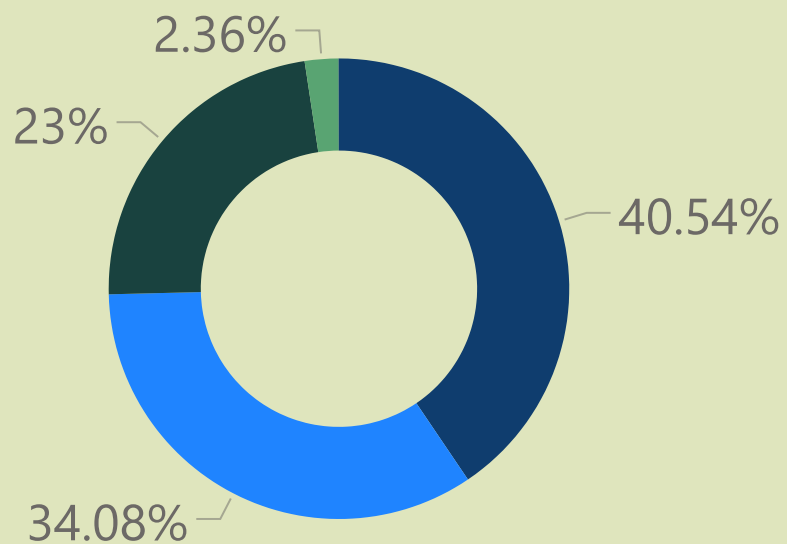
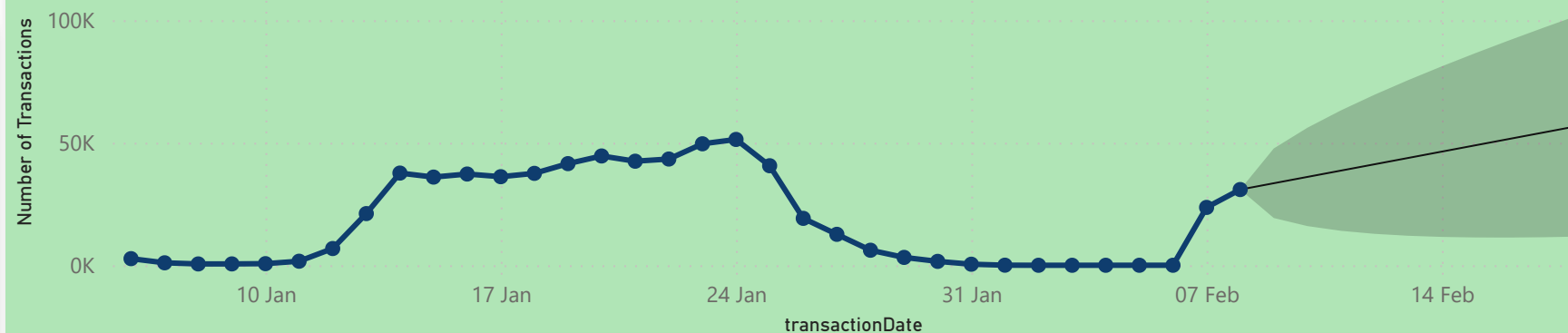
type

All

Year, Month

All

Total Number of Transaction Across Time



Type of transaction

- CASH_OUT
- TRANSFER
- CASH_IN
- PAYMENT
- DEBIT

Transactio
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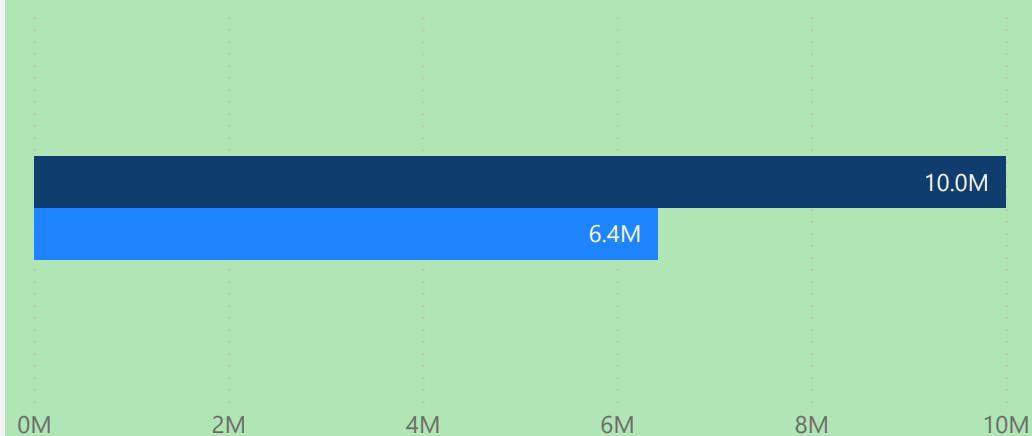
type
All

isFraud
All

6.07%

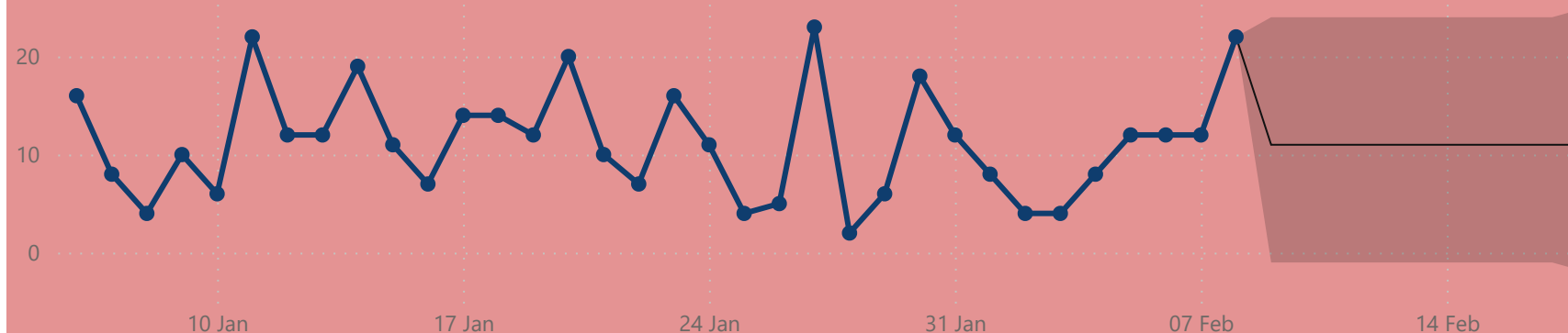
Percentage of Fraudulent Transactions

● Highest Fraud Amount ● Highest Normal Transaction Amount



Highest Fraud Amount and Highest Normal Transaction Amount

Number of fraud Transactions



Transaction
n...

Fraud
Analysis

Transaction
Amount...

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Amount Range



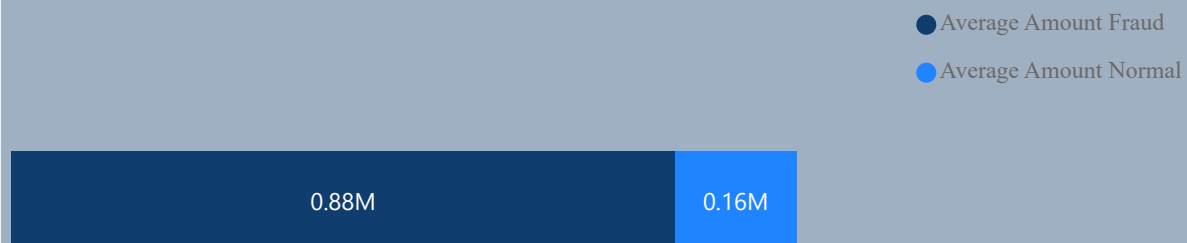
All



Distribution of Transaction Amount



Average Transaction Amount by Type



Average Amount Fraud and Average Amount Normal

Transaction
n...

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Slicers

Hour of Day



All



Day of Month



All



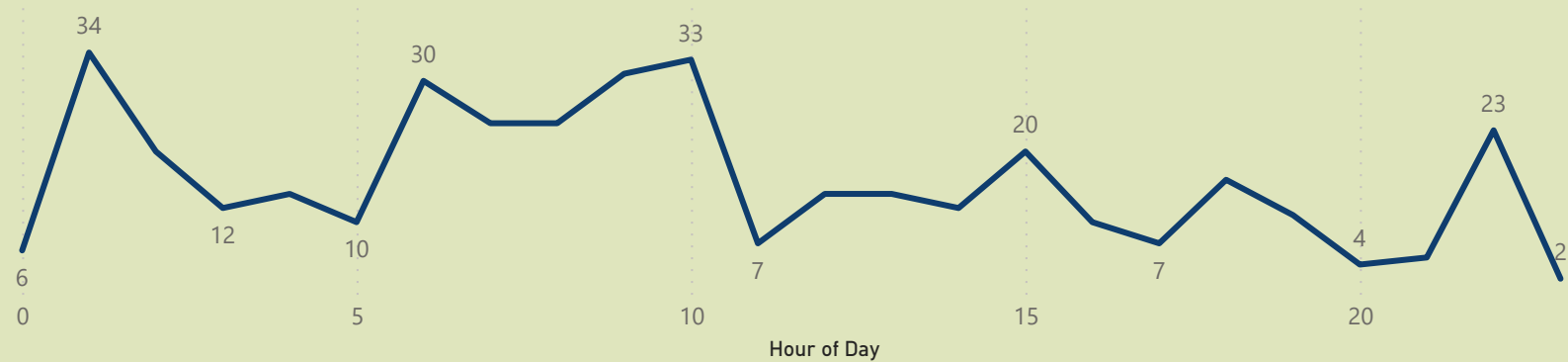
Transaction Weekday



All



Fraud Transactions by Hour of Day



Fraud done by same account multiple times



Transactio
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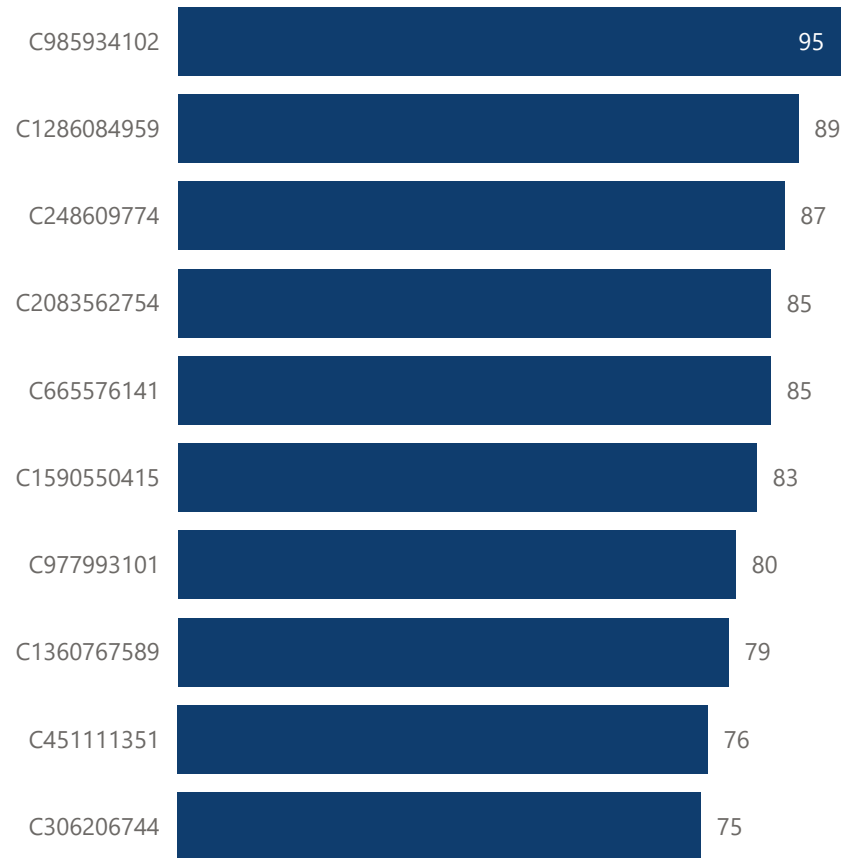
Lab Specific

Lab
Specific 2

Insights

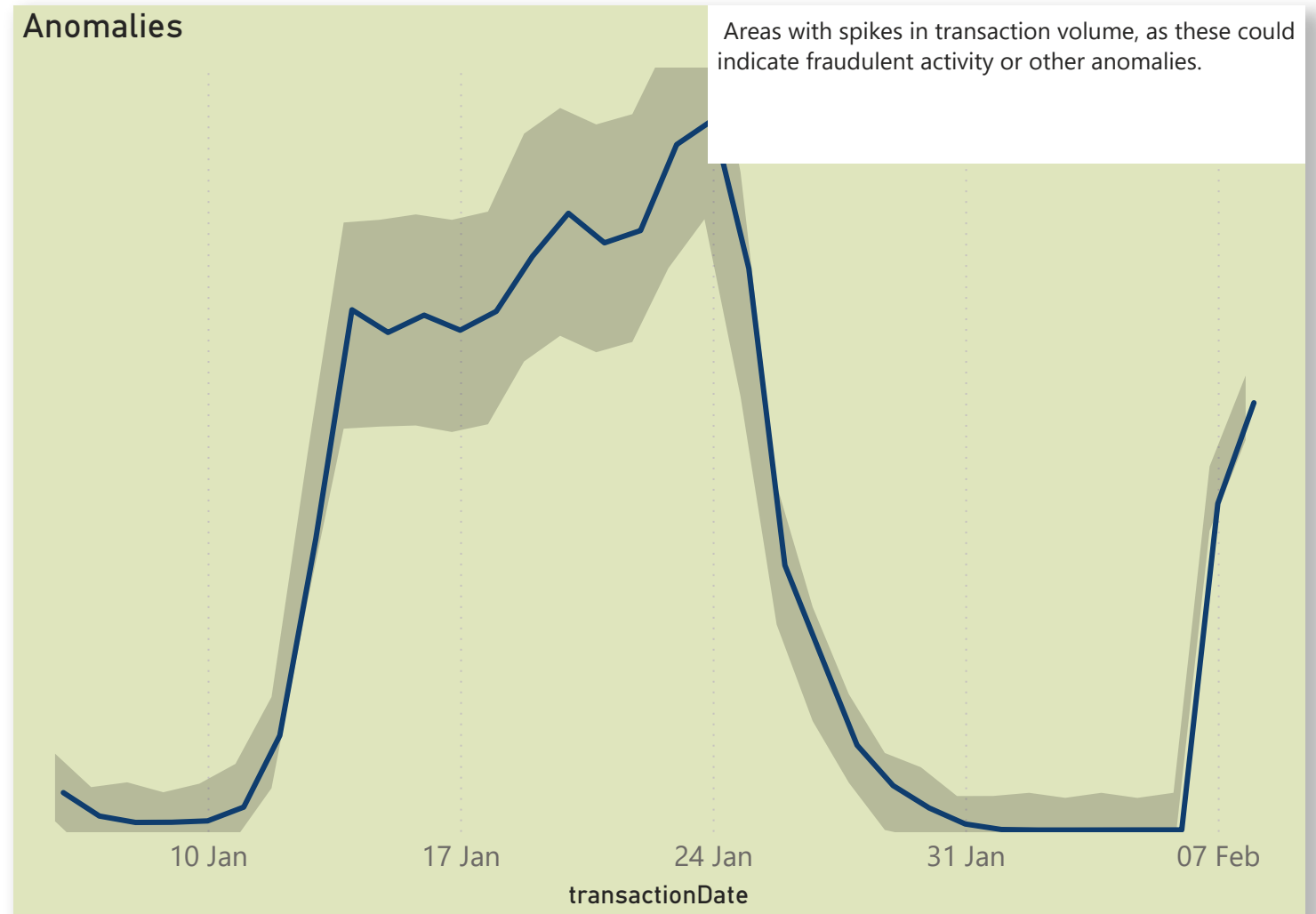
dax

Top 10 Merchants



Transaction Count

Anomalies



Transaction
n...

Fraud
Analysis

Transaction
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Advanced
Fraud...

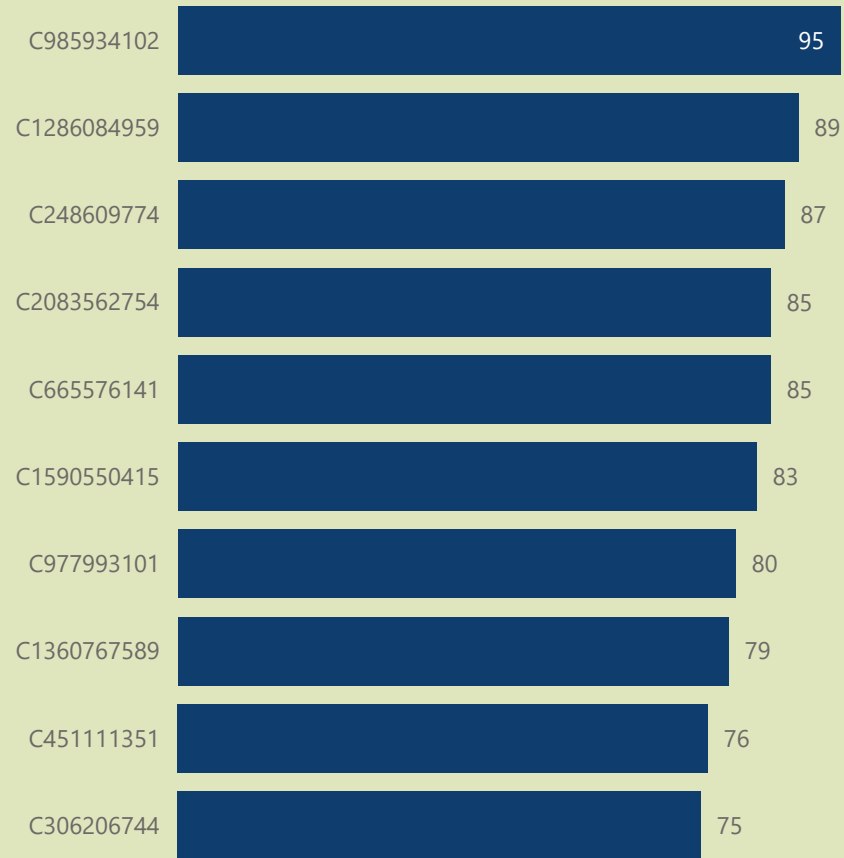
Lab
Specific

Lab Specific
2

Insights

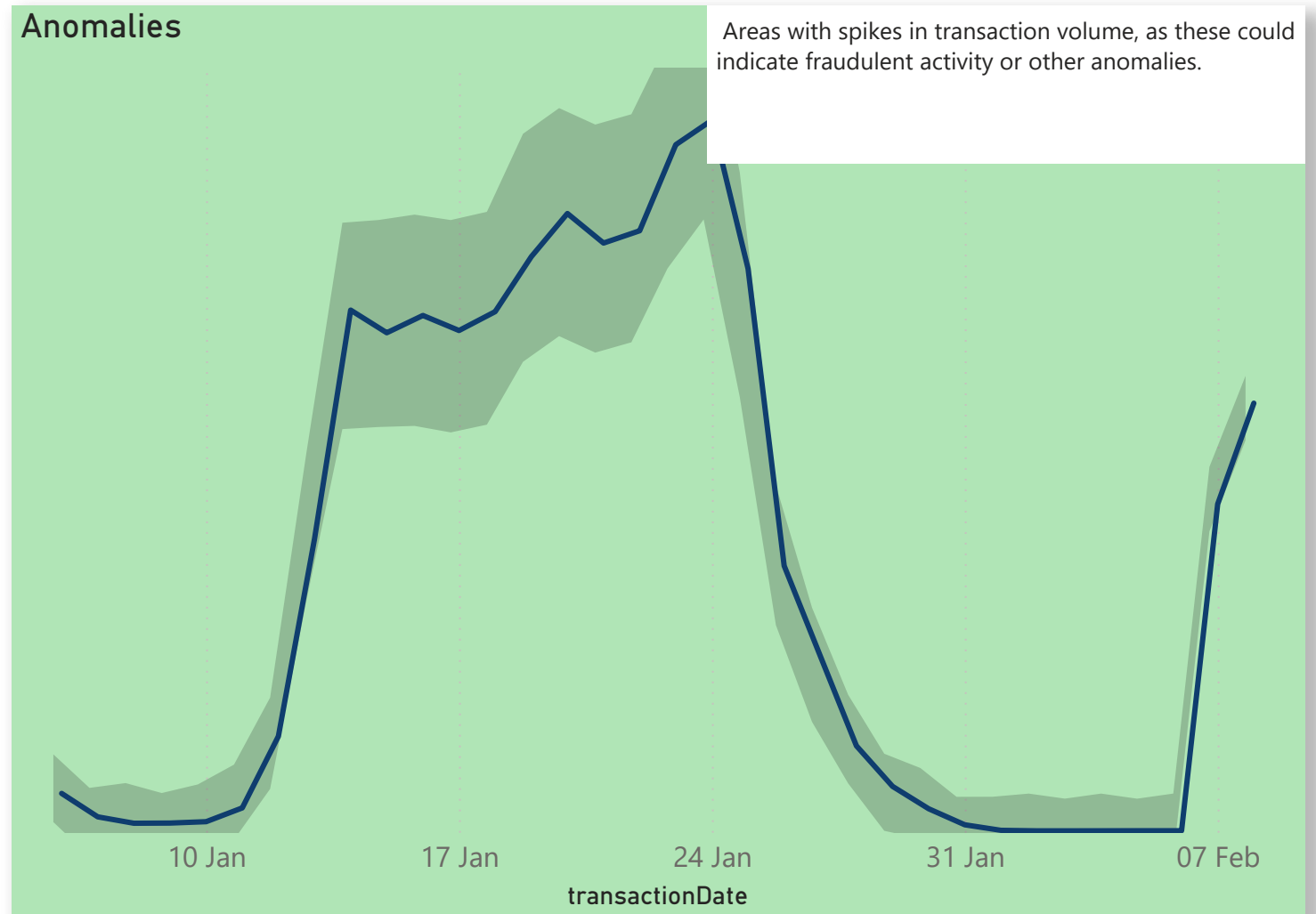
dax

Top 10 Merchants



Transaction Count

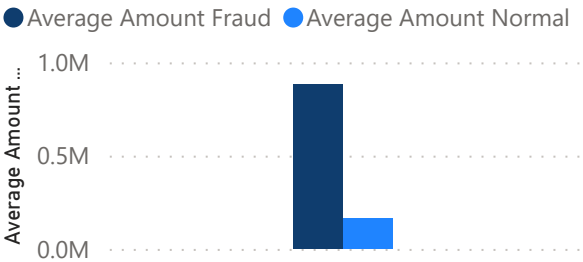
Anomalies



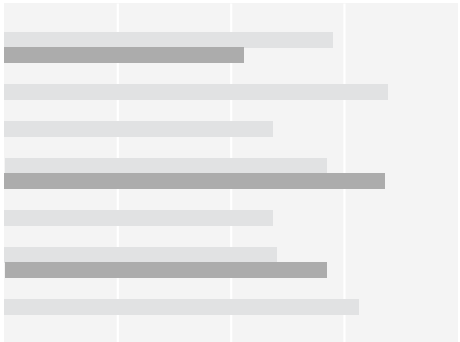
- there is significant difference between the maximum transaction amount for normal transactions compared to fraudulent transactions
maximum normal is 6.42M and max fraud is 10M
- there are few hours where fraud occurs frequently
- maximum distribution of transaction amount is below 100k
- Fraudulent 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.
- There's a noticeable spike in transaction amounts at specific times, hinting at coordinated fraud attempts or batch processing of transactions.

1

Average Amount Fraud and Average Amount Normal

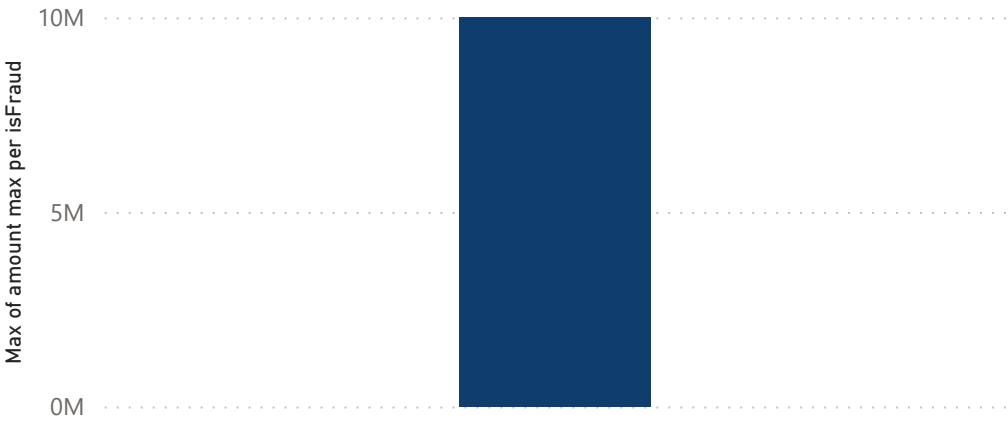


i Select or add data to populate this visual



4

Max of amount max per isFraud



3

224K

Total Credit Card Transactions

10.00M

Highest Fraud Amount

Sum of amount by type

