Slicers

type
All

Year, Month
All

Total Number of Transaction Across Time

Number of Transactions

100K

50K

0K

10 Jan | 17 Jan | 24 Jan | 31 Jan | 07 Feb | 14 Feb

transactionDate

2.36%

23%

40.54%

34.08%
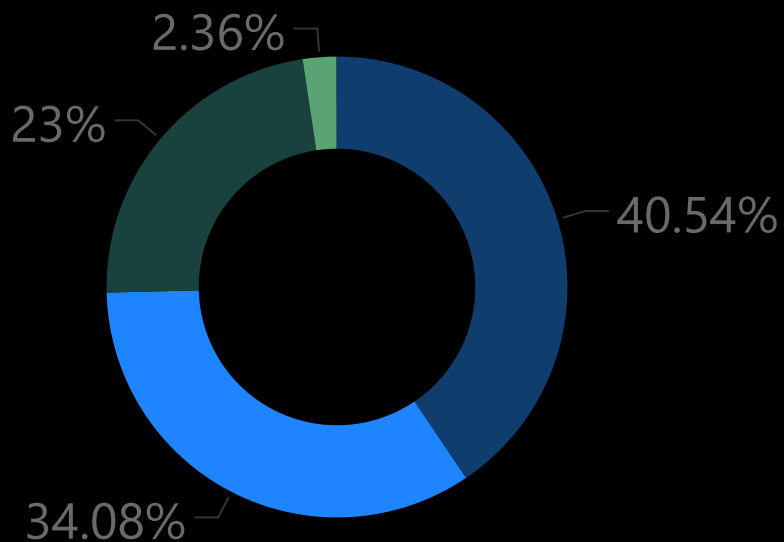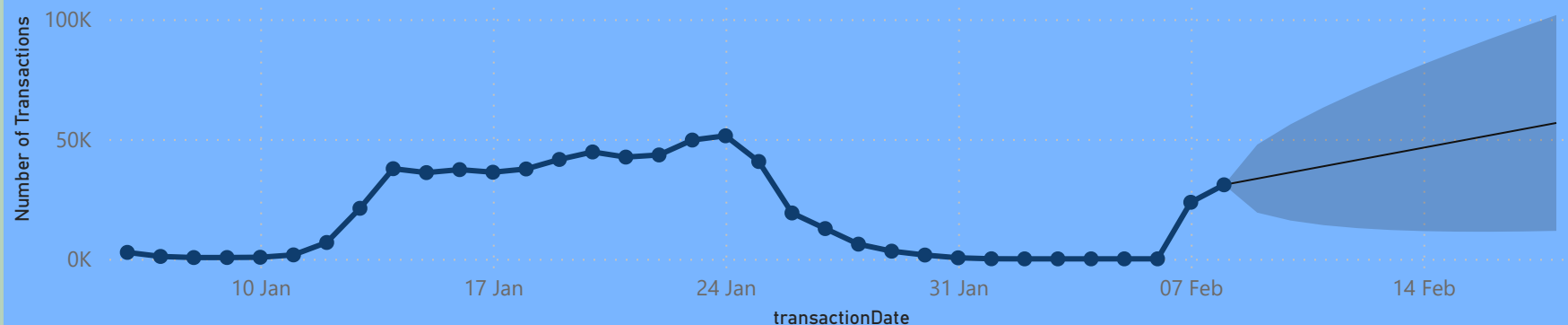
Type of transaction
- CASH_OUT
- TRANSFER
- CASH_IN
- PAYMENT
- DEBIT

Slicers

type

All

isFraud

All

Number of fraud Transactions

20

10

0

10 Jan   17 Jan   24 Jan   31 Jan   07 Feb   14 Feb
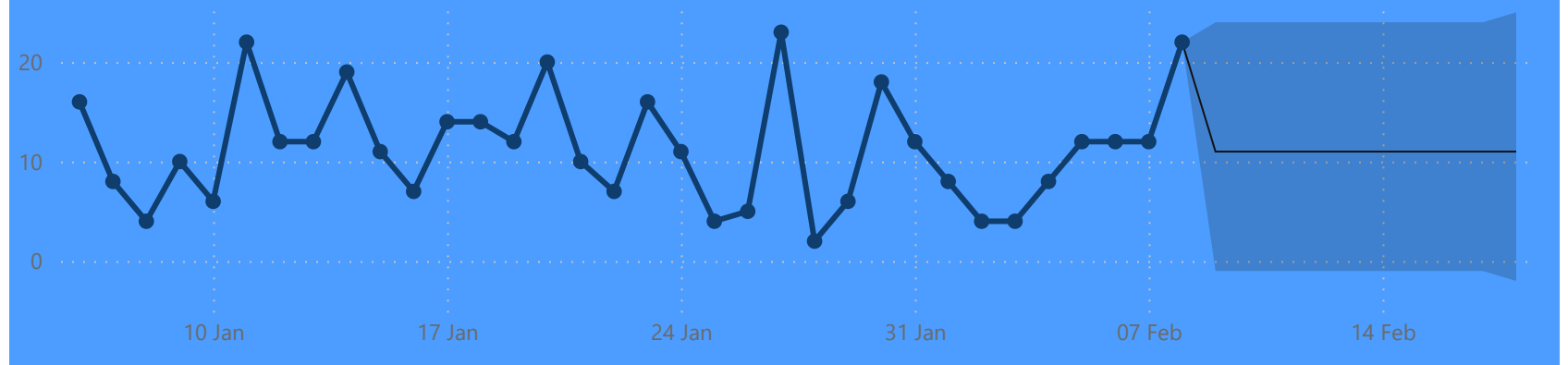
6.07%

Percentage of Fraudulent Transactions

● Highest Fraud Amount ● Highest Normal Transaction Amount

10.0M

6.4M

0M   5M   10M
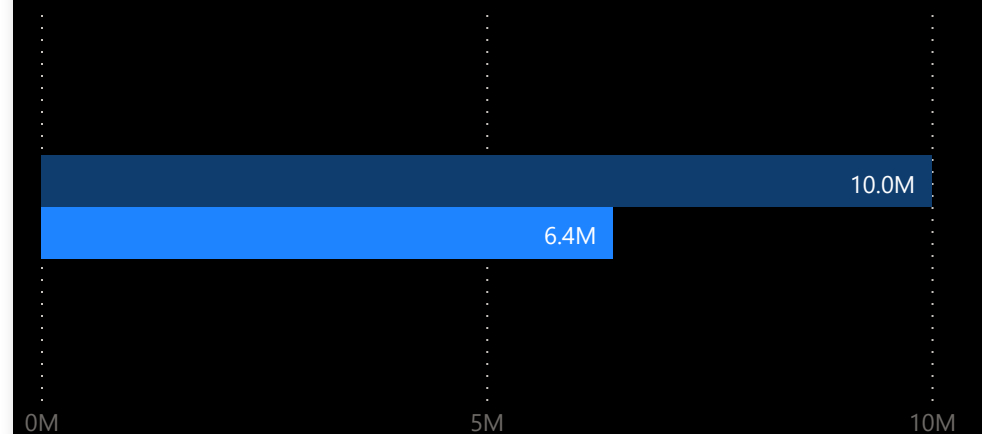
Highest Fraud Amount and Highest Normal Transaction Amount

Slicers

Amount Range ⌄

All ⌄

● Average Fraud
● Average Normal

Distribution of Transaction Amount

Amount Range

>100K — 93bn

50K-100K — 5bn

10K-50K — 3bn

<10K — 1bn

Average Transaction Amount by Type

● Average Amount Fraud
● Average Amount Normal

0.88M | 0.16M

Average Amount Fraud and Average Amount Normal

Slicers

Hour of Day

All

Day of Month

All

Transaction Weekday

All

Fraud Transactions by Hour of Day

34

30

33

12

10

20

23

6

7

7

4

2

Hour of Day

0   5   10   15   20
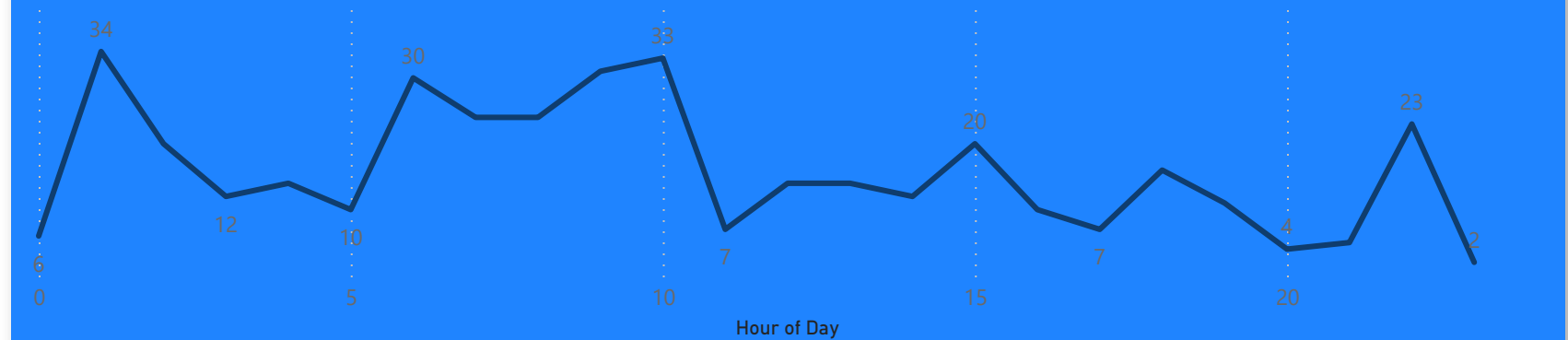
Fraud done by same account multiple times
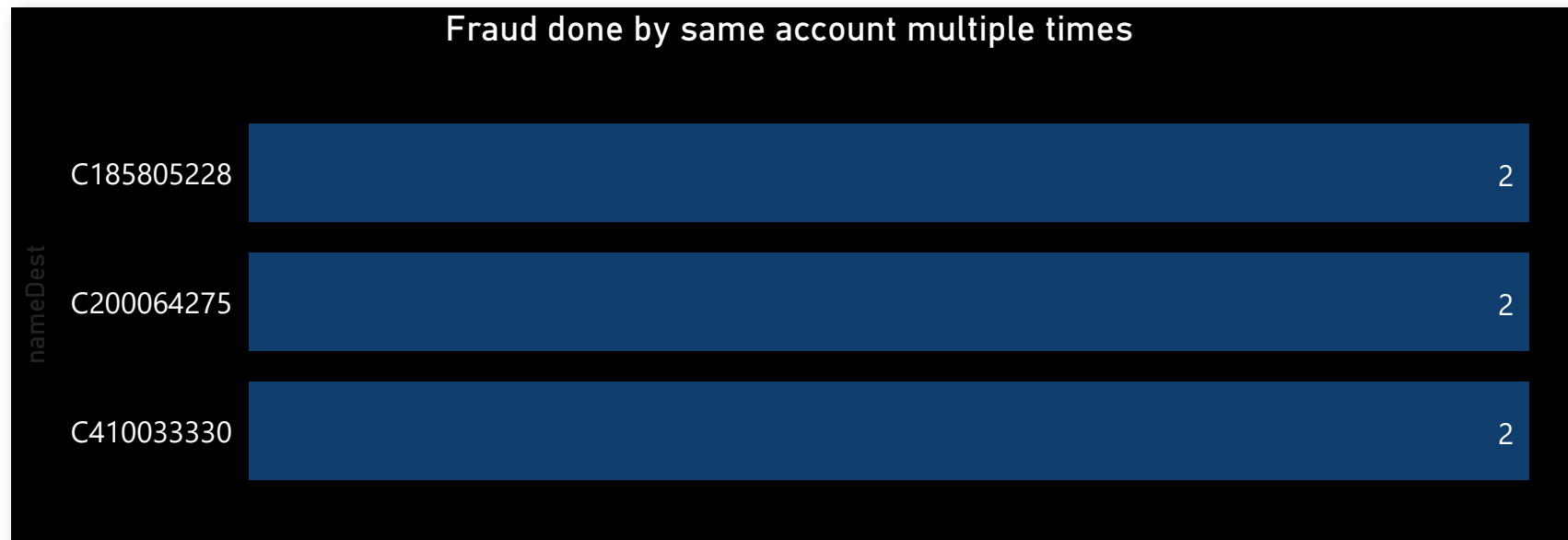
nameDest

C185805228   2

C200064275   2

C410033330   2

Top 10 Merchants

Merchant	Transaction Count
C985934102	95
C1286084959	89
C248609774	87
C2083562754	85
C665576141	85
C1590550415	83
C977993101	80
C1360767589	79
C451111351	76
C306206744	75

Transaction Count

Anomalies

Areas with spikes in transaction volume, as these could indicate fraudulent activity or other anomalies.

10 Jan   17 Jan   24 Jan   31 Jan   07 Feb

transactionDate

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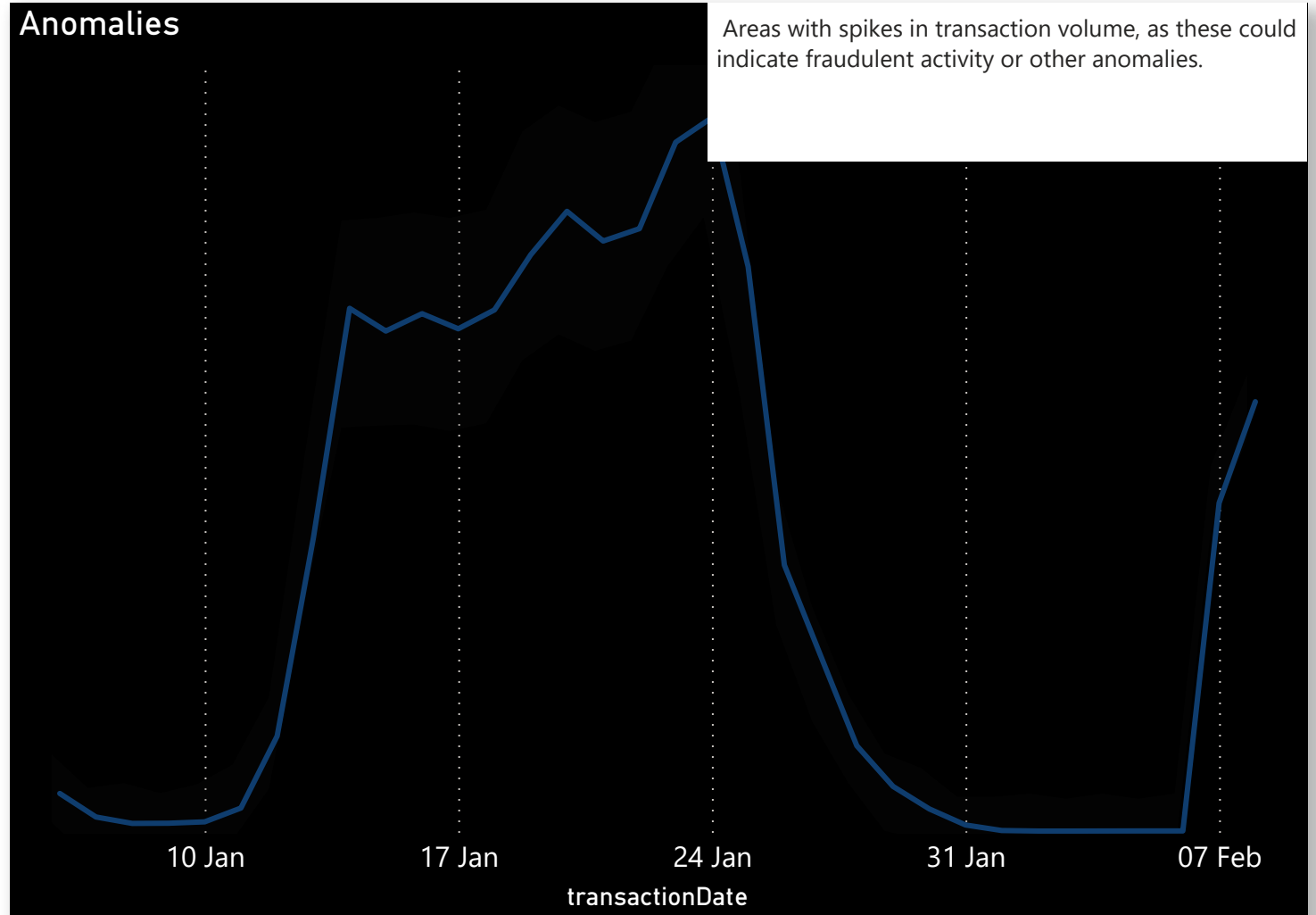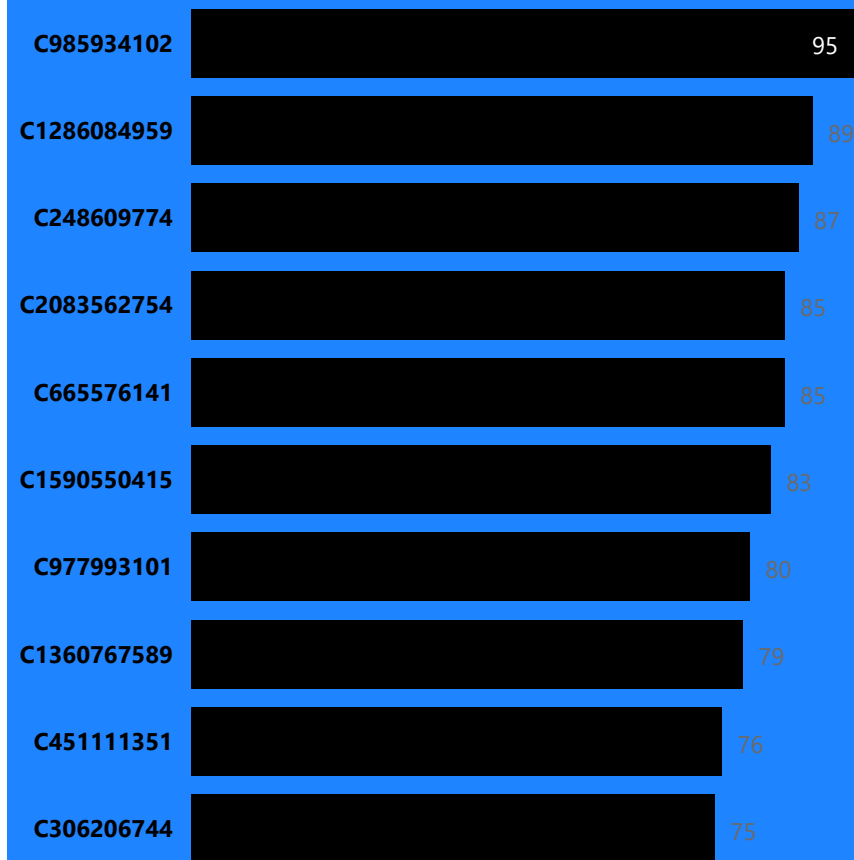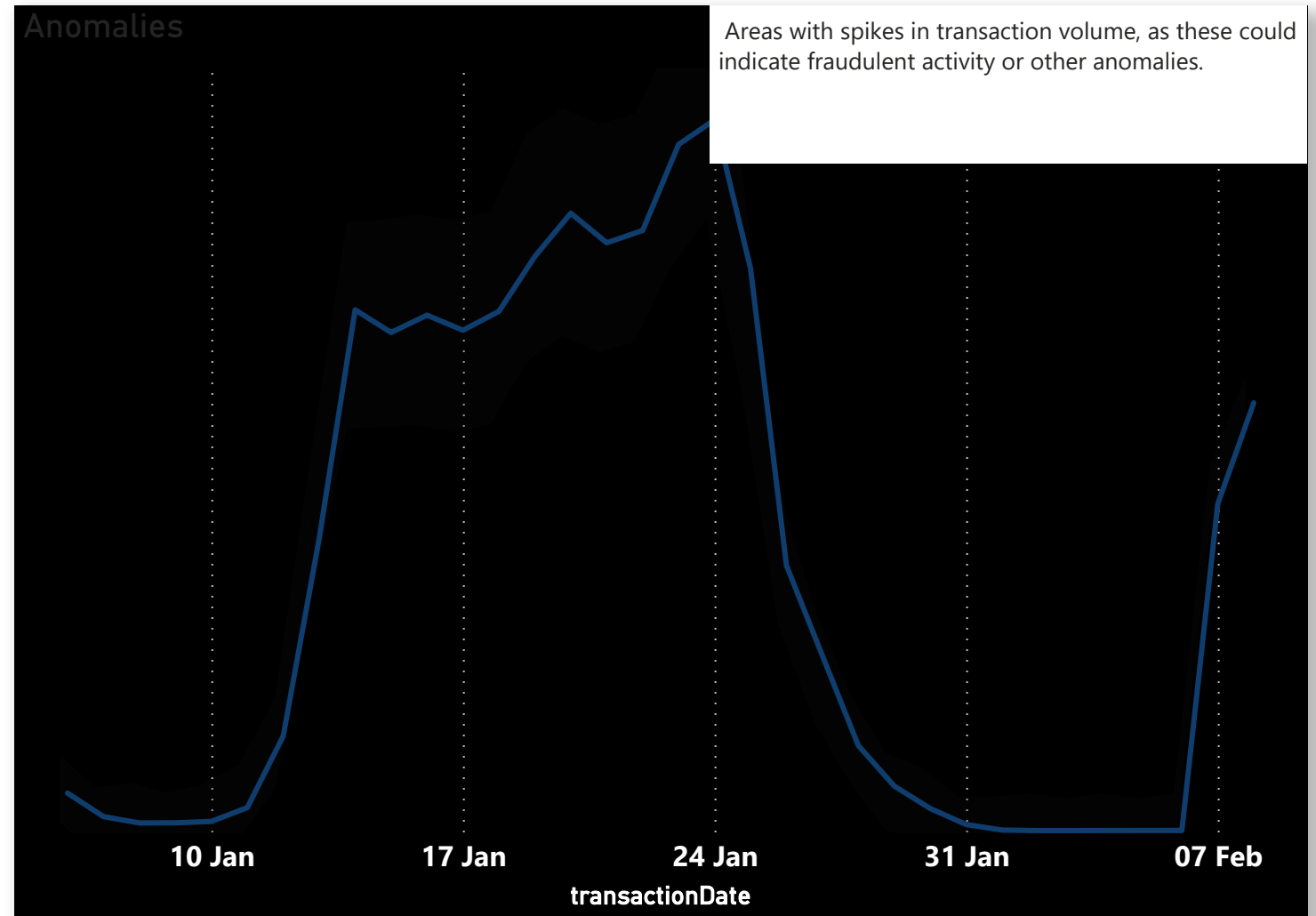
transactionDate

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.

Sum of amount by type

41.42... type
(40.5...)

23... (...)

34.81bn
(34.08%)

●	CASH_O...
●	TRANSF...
●	CASH_IN
●	PAYMENT
●	DEBIT