

Ctrl+"circle" will navigate
to the answer

Analysis on Credit card transactions

DAX function

Anomaly
visualization

Ctrl+"circle" will navigate
to the answer

DAX Function

Home

162K

AverageTransactionAmount_Normal

882K

AverageTransactionAmount_Fraudule...

10.00M

HighestFraudTransactionAmount

nameOrig	Sum of amount	Clusters on transaction amount
C1000008582	3,15,626.96	Cluster6
C1000009135	3,849.38	Cluster2
C1000012640	3,67,527.28	Cluster6
C1000018663	12,454.86	Cluster2
C1000022742	2,368.68	Cluster2
C1000025173	1,634.55	Cluster2
C1000028246	77,106.69	Cluster5
C100003513	9,40,361.66	Cluster3
C1000035425	2,37,141.59	Cluster1
C1000037689	4,51,174.06	Cluster6
C1000039823	7,781.12	Cluster2
Total	1,02,16,54,91,896.61	

27.92%

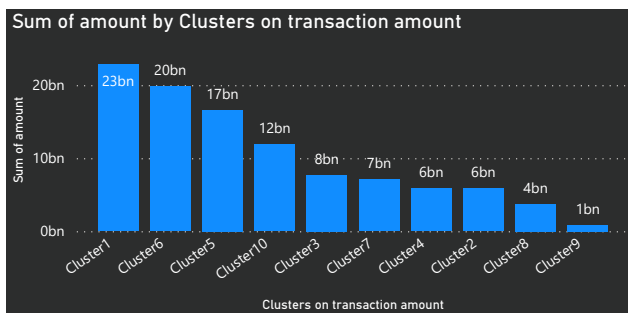
Percentage_Fraudulent_Transactions

383

Total_Fraudulent_Transactions

137K

TotalCreditCardTransactions



Ctrl+"types of visuals" to
get the answers

Anomaly Visualization

Home

type

CASH_IN

CASH_OUT

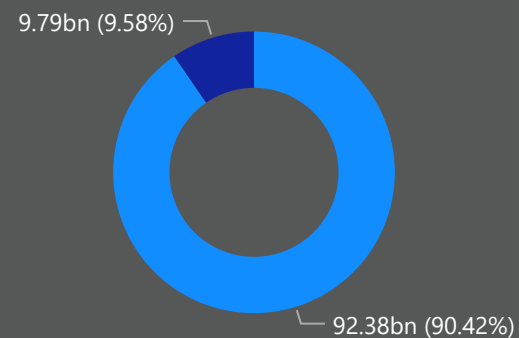
DEBIT

PAYMENT

TRANSF...

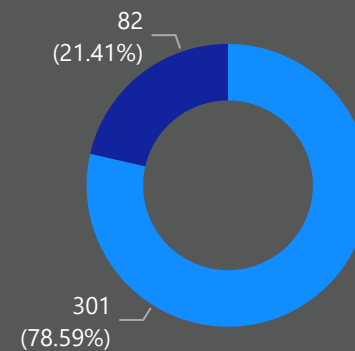
Sum of amount by Month

January February

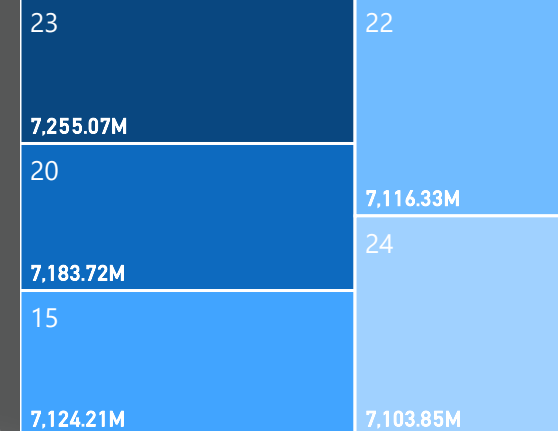


Sum of isFraud by Month

January February



Top 5 transaction days



Types of visuals

Pie

Line

Scatter

Forecast

Click the options to see the visuals

Ctrl+"Get more charts" to
get the answers

Anomaly Visualization

Home

Get more charts

AverageTransactionAmount_Fraudulent by
type

HighestFraudTransactionAmount by
transactionDate

Sum of amount by type

Count of anomaly_data by type

Sum of amount by type

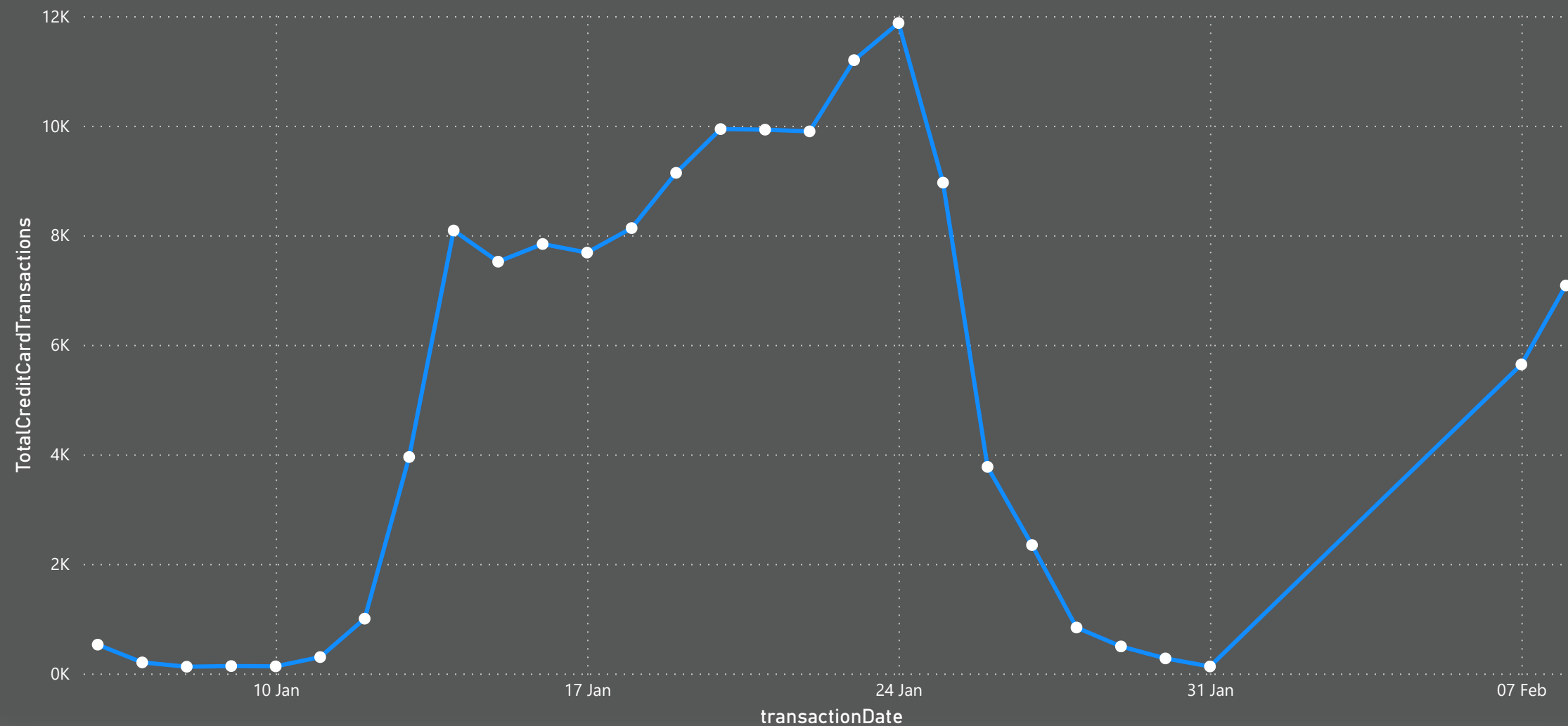
Click the options to see the visuals

Hover on markers to see
the tooltips

Anomaly Visualization

Home

TotalCreditCardTransactions by transactionDate

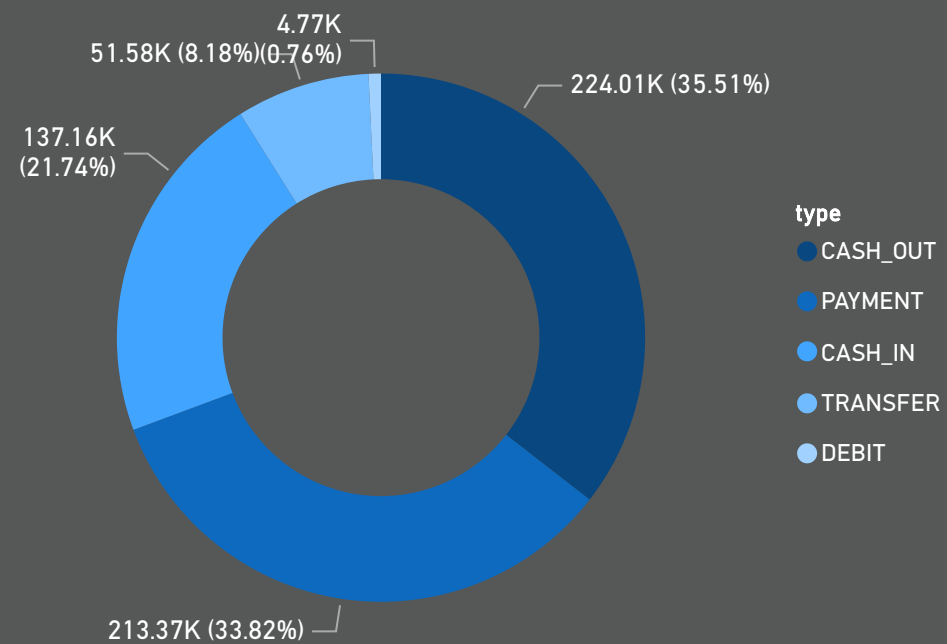


"Right click" on the donut
to get drill through

Anomaly Visualization

Home

Count of anomaly_data by type



"Right click" on the donut
to get drill through

Anomaly Visualization

Home

Insights

Sum of amount for [January \(92,37,63,64,183.09\)](#) was higher than [February \(9,78,91,27,713.53\)](#).

[January](#) accounted for [90.42%](#) of Sum of amount.

Sum of amount trended down, resulting in a [0.29%](#) decrease between [Friday, January 15, 2021](#) and [Sunday, January 24, 2021](#).

[Sum of amount](#) started trending down on [Wednesday, January 20, 2021](#), falling by [1.11%](#) ([7,98,76,676.56](#)) in [4 days](#).

[Sum of amount](#) dropped from [7,18,37,23,206.53](#) to [7,10,38,46,529.97](#) during its steepest decline between [Wednesday, January 20, 2021](#) and [Sunday, January 24, 2021](#).

Insights

[TotalCreditCardTransactions](#) trended up, resulting in a [1,244.21%](#) increase between [Wednesday, January 6, 2021](#) and [Monday, February 8, 2021](#).

[TotalCreditCardTransactions](#) started trending down on [Tuesday, January 26, 2021](#), falling by [96.58%](#) ([3643](#)) in [5 days](#).

[TotalCreditCardTransactions](#) dropped from [3772](#) to [129](#) during its steepest decline between [Tuesday, January 26, 2021](#) and [Sunday, January 31, 2021](#).

Distribution of Transaction Types: The 'CASH-IN', 'CASH-OUT', 'DEBIT', 'PAYMENT', and 'TRANSFER' transaction types are probably the most prevalent in the dataset, with 'PAYMENT' transactions perhaps being the most frequent.



Anomaly Visualization

[Home](#)

Month	Day	type	Count of anomaly_data	Sum of amount
January	24	PAYMENT	15289	14,79,10,524.37
January	23	PAYMENT	14738	16,02,26,377.94
January	25	PAYMENT	13802	12,60,97,823.00
January	20	PAYMENT	13381	14,97,56,881.08
January	14	PAYMENT	13105	16,85,57,968.83
January	16	PAYMENT	13054	17,34,97,410.09
January	22	PAYMENT	13014	16,66,23,077.16
January	15	PAYMENT	12764	15,18,99,799.91
January	19	PAYMENT	12758	13,00,47,919.85
January	21	PAYMENT	12598	15,40,97,525.98
January	17	PAYMENT	12142	16,42,35,951.55
January	18	PAYMENT	12075	17,12,57,206.00
February	8	PAYMENT	9777	12,69,19,326.06
January	13	PAYMENT	8882	8,48,76,354.05
January	26	PAYMENT	7924	6,86,22,262.29
February	7	PAYMENT	7792	8,26,61,437.17
January	27	PAYMENT	6101	5,63,27,474.80
January	12	PAYMENT	3821	2,97,22,267.25
January	28	PAYMENT	3545	3,80,96,012.51
January	29	PAYMENT	1727	1,91,33,672.14
January	6	PAYMENT	1369	83,37,616.69
January	11	PAYMENT	1003	1,22,49,798.46
January	30	PAYMENT	917	85,01,799.13
January	7	PAYMENT	555	20,27,001.60
Total			213374	2,41,15,73,265.51

Sum of isFraud by type

