

The background of the slide is a close-up, slightly blurred image of a magnifying glass held over a US dollar bill. The magnifying glass is positioned in the center, with its handle extending towards the bottom left. The lens of the magnifying glass is focused on a portion of the dollar bill, which shows the number '1' and some of the intricate patterns and colors of the currency. The text of the slide is overlaid on this background, with each item in a separate box.

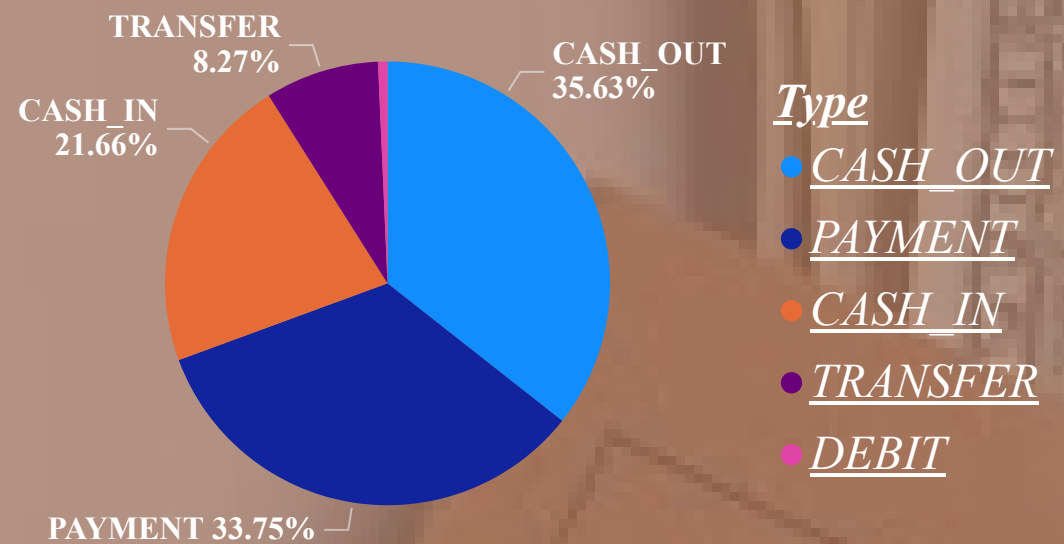
Fraud Detection Analysis

Basic features

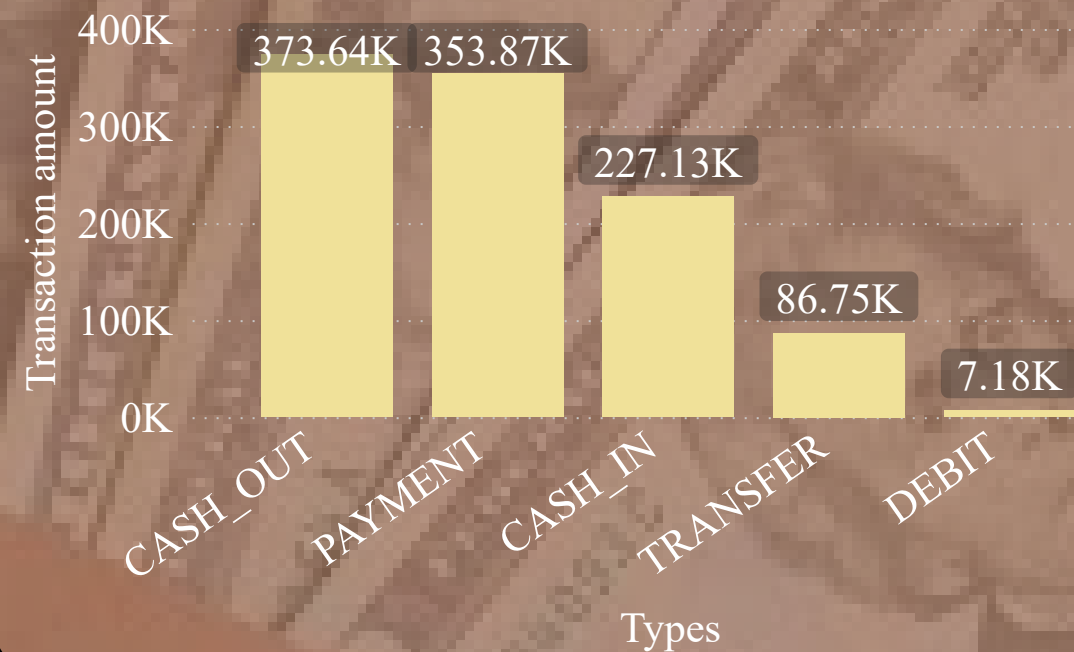
*Feature variables and
fraud/non_fraud categories*

Q & A session

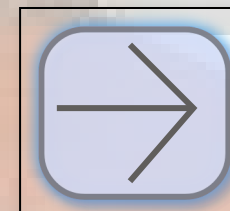
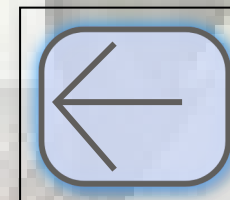
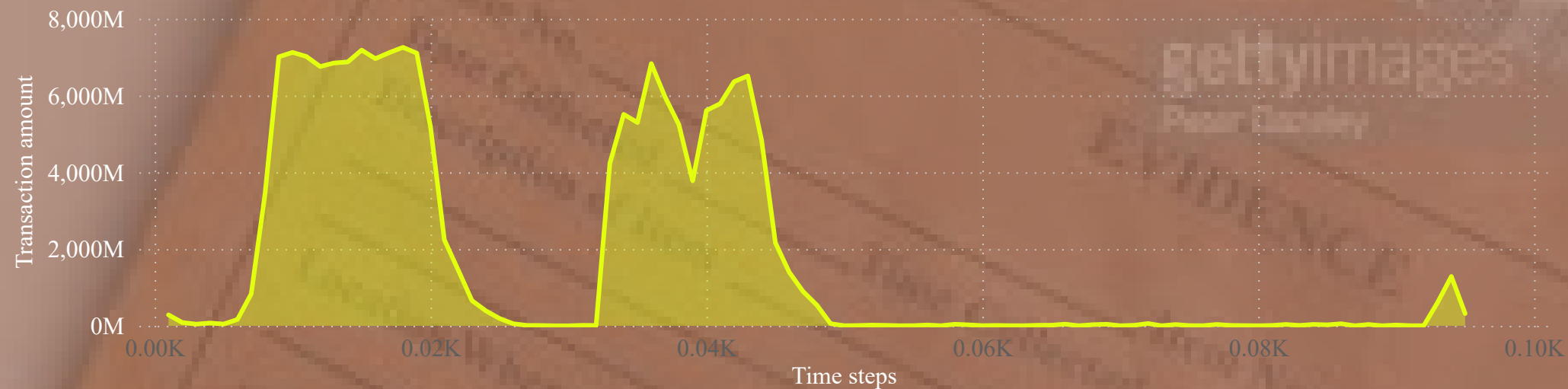
Count of different transaction type



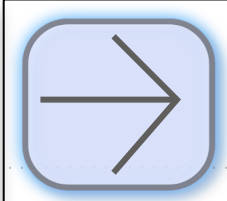
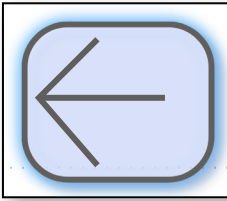
Transaction amount by types



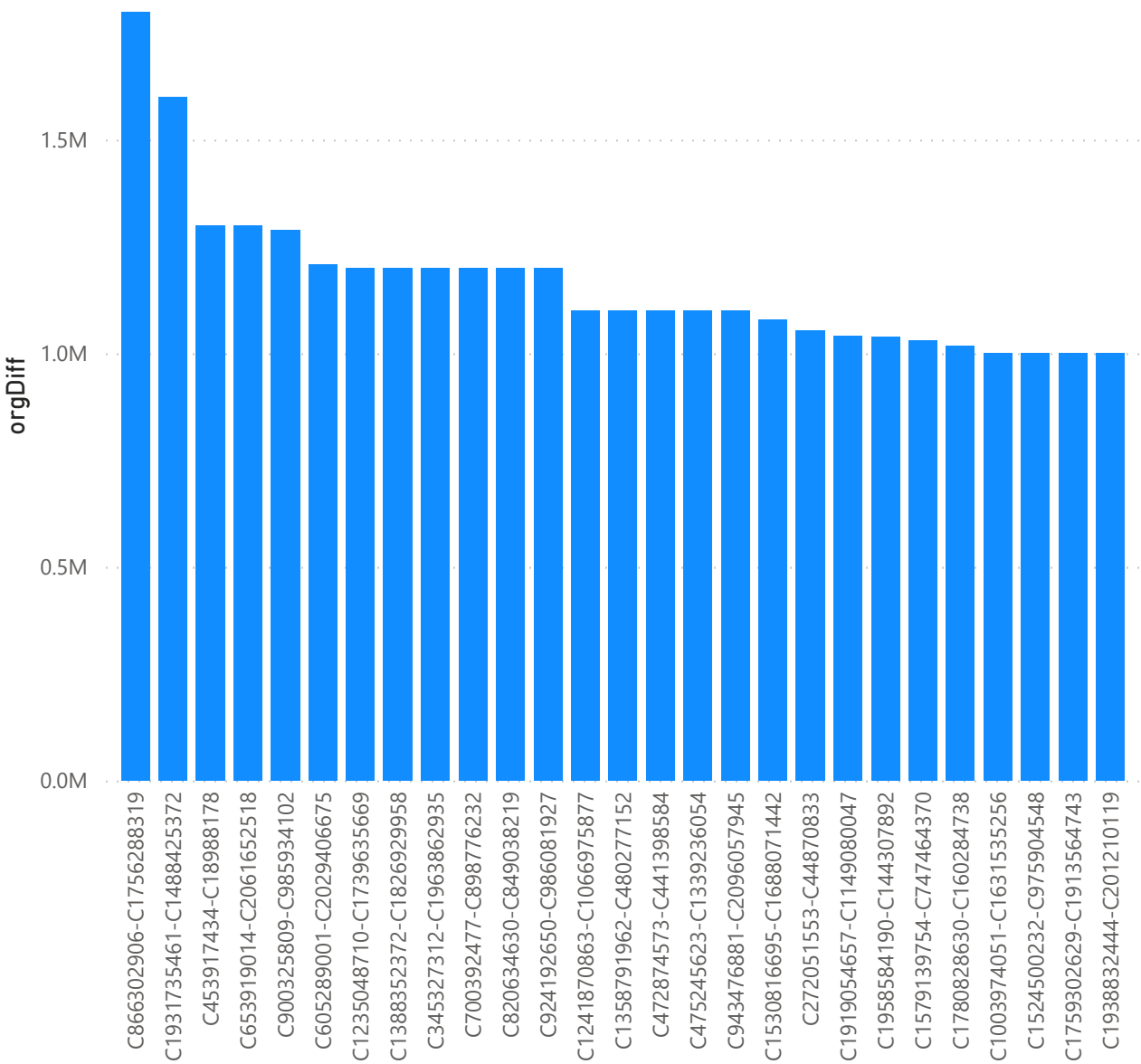
Transaction amount against time steps



Baisc features (2)

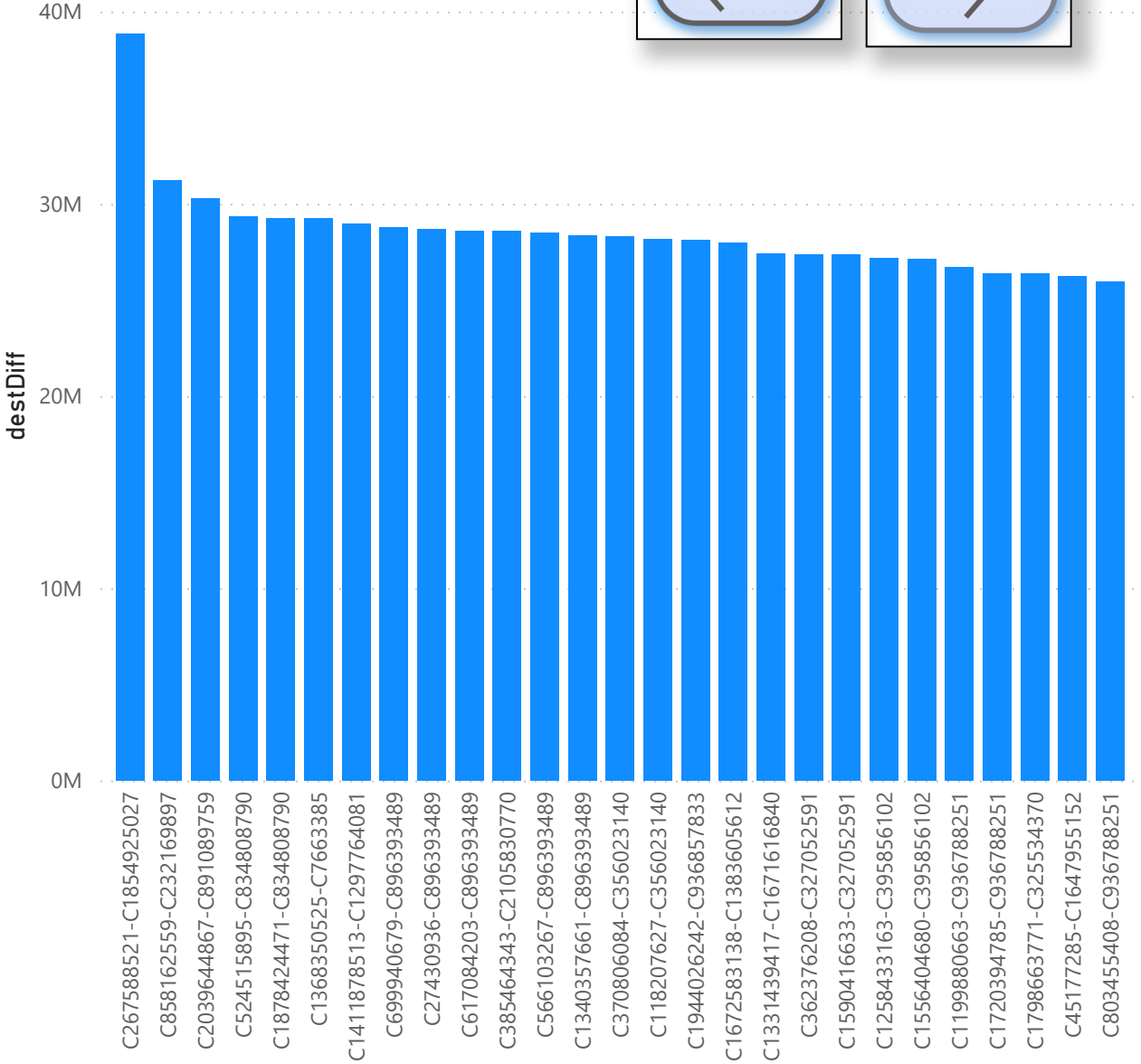


orgDiff by nameOrig-nameDest



nameOrig-nameDest

destDiff by nameOrig-nameDest



nameOrig-nameDest

1142

Fraud_total_count

1.19M

Avg_Fraud_amount

1M

Non-Fraud_count

157.54K

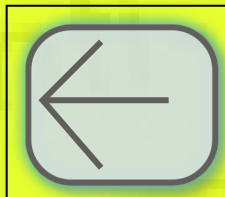
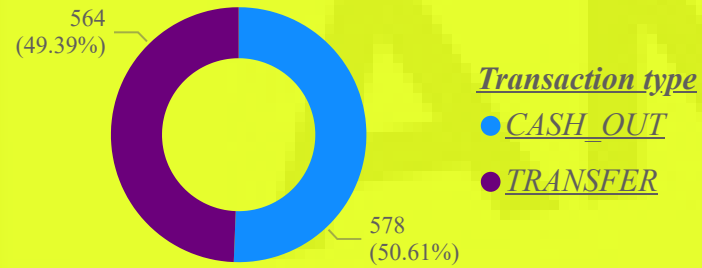
Avg_Non-Fraud_amount

Fraud

Fraud count against transaction amount

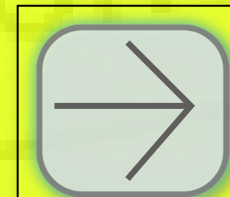
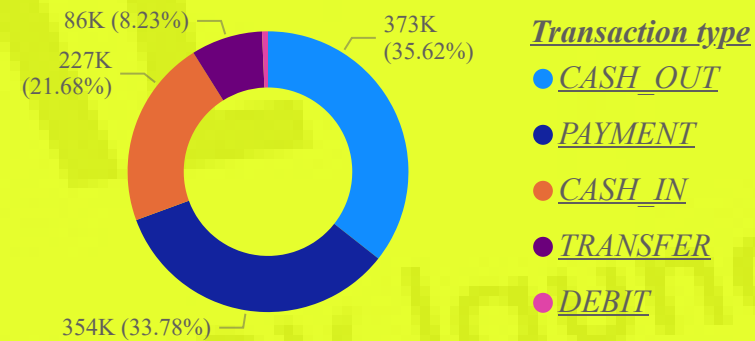
Amount	Fraud_count
0.12K	2
0.16K	2
0.17K	2
0.18K	2
0.22K	2
0.22K	2
0.41K	2
0.64K	2
1.06K	2
1.84K	2
2.00K	2
2.01K	2
2.10K	2
2.40K	2
2.81K	2
3.37K	2
Total	1142

Fraud count by transaction type



Non-Fraud

Non-Fraud count by transaction type

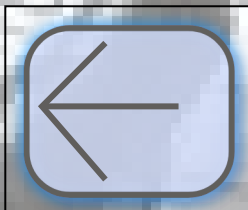


Non-Fraud count against transaction amount

amount	NFraud_count
0.10	1
0.14	1
0.20	1
0.26	1
0.30	1
0.32	1
0.37	1
0.50	1
0.52	1
0.63	2
0.65	1
0.68	1
0.73	1
0.74	1
0.76	1
0.78	1
Total	1047433

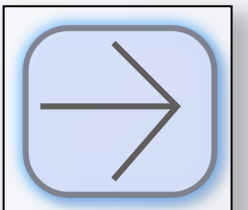
Fraud

orgDiff	destDiff
-10,038,991.68	0.00
-10,012,408.41	0.00
-10,012,180.94	0.00
-10,005,934.91	0.00
-10,000,000.00	9,795,673.38
-10,000,000.00	9,941,904.21
-10,000,000.00	10,000,000.00
-10,000,000.00	10,018,189.58
-10,000,000.00	10,026,725.16
-9,977,761.05	0.00
-9,977,761.05	9,977,761.05
-9,969,780.85	0.00
-9,969,581.56	0.00
-9,968,392.11	0.00
-9,887,819.06	0.00
-9,887,819.06	9,398,086.05
-9,465,988.82	0.00
-9,465,988.82	9,465,988.82
-9,345,700.07	0.00
-9,345,700.07	9,377,939.57
-9,039,246.82	0.00
-9,039,246.82	9,039,246.82
-8,931,607.89	0.00



Non-Fraud

orgDiff	destDiff
-2,962,079.84	2,805,715.99
-2,900,409.17	3,200,000.00
-2,802,396.19	2,812,051.62
-2,594,904.29	2,594,904.29
-2,554,999.35	5,004,868.55
-2,536,199.21	3,378,191.61
-2,500,000.00	2,581,261.30
-2,412,843.02	2,412,843.03
-2,400,090.04	3,130,858.91
-2,366,545.86	4,838,196.22
-2,317,408.88	2,500,000.00
-2,289,340.15	4,228,586.67
-2,273,575.29	2,716,009.54
-2,194,160.56	1,942,567.57
-2,121,878.54	2,679,210.84
-2,072,097.36	2,072,097.35
-2,011,232.50	2,000,000.00
-2,000,538.78	2,000,538.78
-1,973,734.59	2,300,000.00
-1,954,092.13	1,954,092.13
-1,903,575.89	1,774,476.37
-1,891,886.65	1,513,254.69
-1,889,644.35	5,590,863.14



AML

ANTI MONEY LAUNDERING

PREVENTION

CRIME



Preparing Q&A

COMPLIANCE



FRAUD

INVESTIGATION

