

# Credit Card Dashboard

 **Newton School**

**Advance Analytics**

**Q & A**

Customers

All

Types

All

*Count of Transactions*

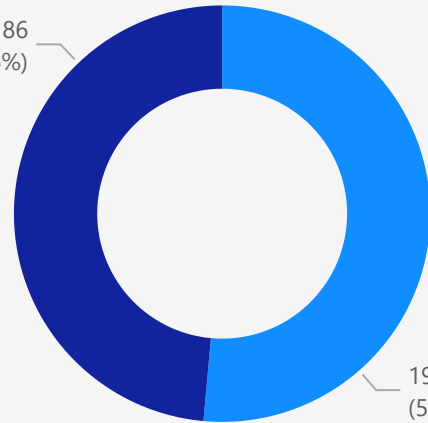
630.89K

102bn

*Sum of amount*

**Sum of Fraudulent Activities by Type**

186  
(48.56%)



Type

● CASH\_OUT

● TRANSFER

197  
(51.44%)

Steps

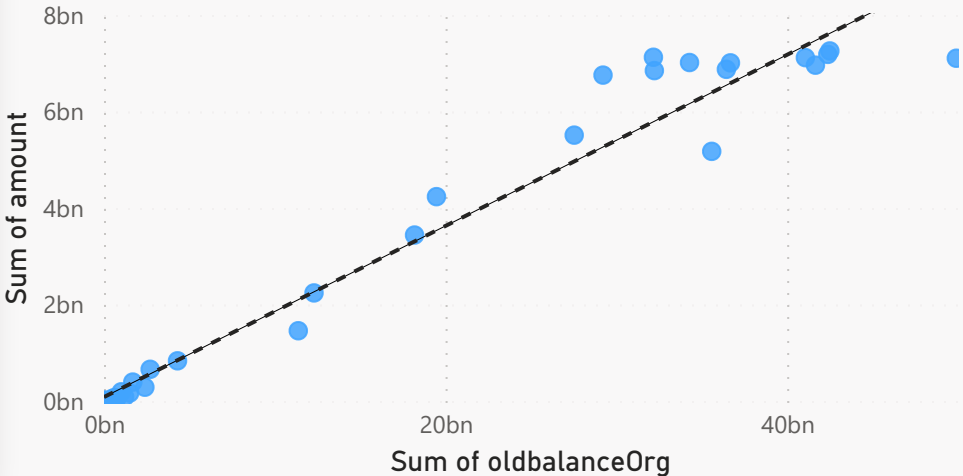
1

34

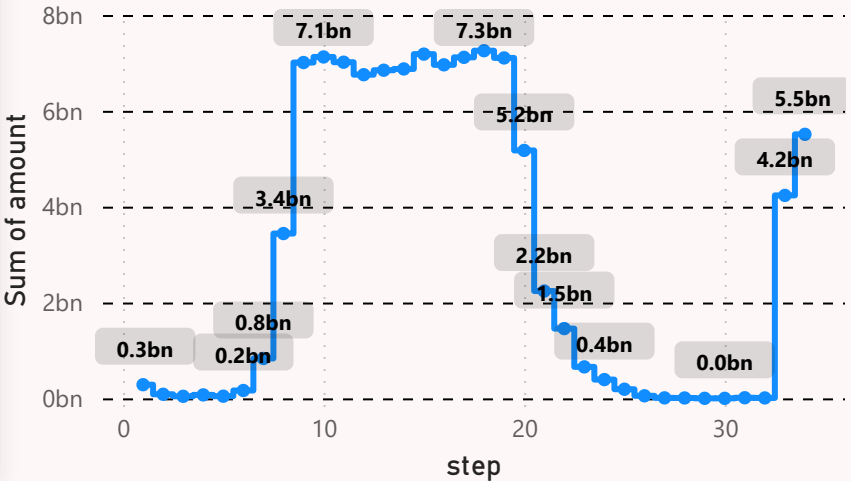
**Top 10 Merchants**

nameDest	Sum of amount	Count of amount
M1002397229	33.57K	2
M1084679935	13.23K	2
M1146045332	10.32K	2
M1193574469	3.58K	2
M1291225334	21.98K	2
M134992544	22.85K	2
M1410596183	3.37K	2
M1486662162	18.20K	2
M1498929187	28.70K	2
M1700096287	7.13K	2
Total	212.09K	30

**Old Balance vs Transaction Amount**



**Amount by Trend**



# Advance Analytics



Back

881.59K

Average Fraudulent Transactions

631K

Total Transactions

0.06%

Percentage of Fraudulent Transactions

161.50K

Average Normal Transactions

383

Total Fraudulent Transactions

10.00M

Highest Fraudulent Transaction Amount

3.58M

Difference of Max Values between  
Fraudulent & Normal Transactions

isFraud

0

type

CASH\_OUT

step

15

3.25%

CASH\_OUT

40.37%

TRANSFER

33.91%

CASH\_IN

23.00%

PAYMENT

2.36%

DEBIT

0.03%

18

3.12%

14

3.04%

16

3.01%

19

2.99%

%GT Sum of amount  
100.00%

0

99.67%

1

0.33%

Key influencers Top segments



What influences amount to

Increase



?

When...

...the average of amount  
increases by

type is TRANSFER

572.2K

# Q & A

 Back

 Ask a question about your data



Try one of these to get started

top types by total  
transactions

top types by average  
normal transactions

top types by total  
fradulent transactions

top types by average  
fraudulent transactions

top types by total  
amount of fraudulent  
transactions

top types by highest  
normal transaction  
amount

Show all suggestions

## Drill Through



nameOrig	nameDest	Sum of amount	Sum of isFraud	Sum of step	type	Sum of newbalanceOrig	Sum of newbalanceDest	Sum of oldbalanceOrg
C1000008582	C1462566442	3,15,626.96	0	20	CASH_OUT	0.00	13,21,548.98	0.00
C1000009135	M2120765976	3,849.38	0	19	PAYMENT	99,271.17	0.00	1,03,120.55
C1000012640	C1239707538	3,67,527.28	0	12	CASH_OUT	0.00	28,24,848.70	0.00
C1000018663	M688561217	12,454.86	0	19	PAYMENT	3,78,355.81	0.00	3,90,810.67
C1000022742	M42303546	2,368.68	0	18	PAYMENT	0.00	0.00	1,075.00
C1000025173	C784687368	1,634.55	0	22	DEBIT	17,840.65	1,97,221.28	19,475.20
C1000028246	C1902027015	77,106.69	0	10	CASH_OUT	0.00	28,49,902.69	0.00
C100003513	C787613358	9,40,361.66	0	15	TRANSFER	0.00	9,40,361.66	1,64,540.27
C1000035425	C689134140	2,37,141.59	0	15	CASH_IN	26,24,559.28	1,31,572.55	23,87,417.69
C1000037689	C925108082	4,51,174.06	0	10	CASH_IN	44,94,096.56	14,49,563.28	40,42,922.49
C1000039823	M332031786	7,781.12	0	8	PAYMENT	0.00	0.00	0.00
C1000044196	C664038638	52,408.81	0	33	CASH_OUT	0.00	28,37,729.66	0.00
C1000053363	C1978259635	84,631.88	0	14	CASH_OUT	0.00	84,631.88	61,926.00
C1000055352	C1233101362	25,383.66	0	20	CASH_OUT	48,882.01	5,12,157.03	74,265.67
C1000058668	M568028750	13,156.76	0	14	PAYMENT	40,489.24	0.00	53,646.00
C100006663	M1918151957	6,941.84	0	15	PAYMENT	0.00	0.00	0.00
C100006673	C1445811732	3,63,683.60	0	11	CASH_OUT	0.00	12,83,588.67	0.00
C1000072493	M520569447	21,550.80	0	18	PAYMENT	0.00	0.00	0.00
C1000073191	C216084411	1,85,987.72	0	20	CASH_OUT	0.00	15,73,563.04	0.00
C100007495	C298266628	88,686.93	0	34	CASH_OUT	0.00	15,36,243.54	18,088.00
C1000079132	C1363504147	2,955.97	0	9	CASH_IN	10,67,518.18	0.00	10,64,562.21
C1000080911	M586350694	6,512.13	0	22	PAYMENT	0.00	0.00	0.00
C1000084237	C55040366	22,76,183.23	0	12	TRANSFER	0.00	34,33,978.54	1,08,404.00
C1000088529	C1164715764	56,433.41	0	20	CASH_IN	78,503.41	0.00	22,070.00
C1000093176	C1538961175	5,155.13	0	14	CASH_OUT	34,959.56	10,43,790.04	40,114.69
C100009346	M1173616799	12,379.01	0	14	PAYMENT	0.00	0.00	0.00
C10000950	C657844564	2,11,643.26	0	20	CASH_OUT	0.00	2,21,111.39	30,891.00
C1000097945	C760086472	95,198.96	0	16	CASH_IN	1,19,345.96	0.00	24,147.00
C1000103904	C1024208640	4,89,041.54	0	11	CASH_OUT	0.00	18,32,826.28	12,545.00
<b>Total</b>		<b>1,02,16,54,91,896.61</b>	<b>383</b>	<b>10397967</b>		<b>5,72,88,81,77,554.44</b>	<b>7,17,99,48,53,346.59</b>	<b>5,60,27,72,64,865.71</b>

## ***Distribution of Transaction Amounts***

