

FRAUD DETECTION



Quarter ▾

- ☐ Qtr 1
- ☐ Qtr 2
- ☐ Qtr 3
- ☐ Qtr 4

transact... ▾

- ☐ ATM
- ☐ Online
- ☐ Payment
- ☐ Transfer

location ▾

- ☐ Bangalore
- ☐ Chennai
- ☐ Delhi
- ☐ Hyderabad
- ☐ Mumbai
- ☐ Pune

device_t... ▾

- ☐ ATM
- ☐ Mobile
- ☐ Web

500

Total Transactions

147

Total Froaud count

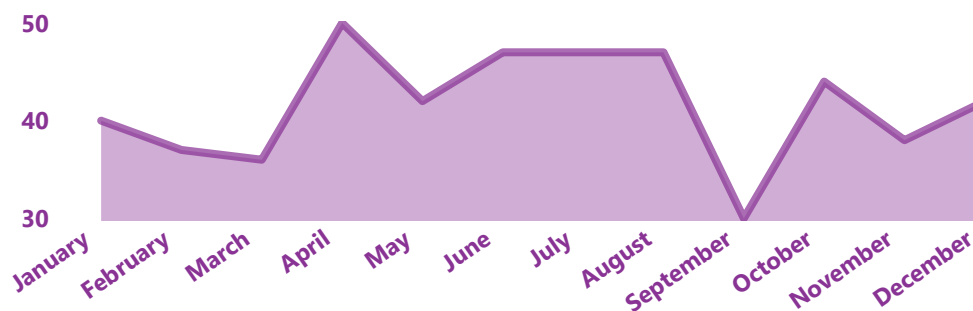
10.42M

Total Fraud Amount

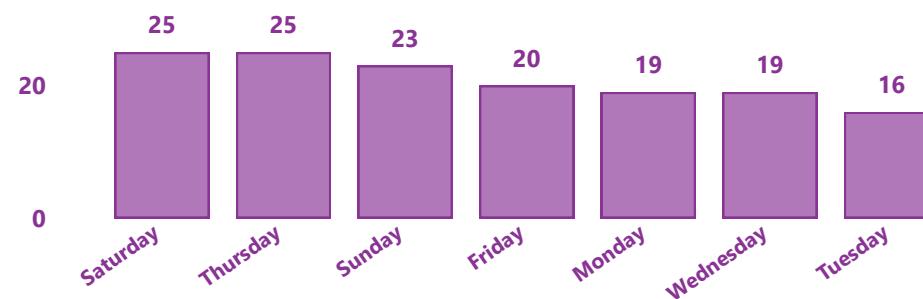
0.29

Fraud Rate %

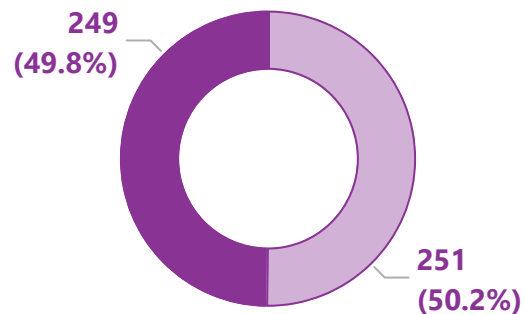
Total Transactions by Month



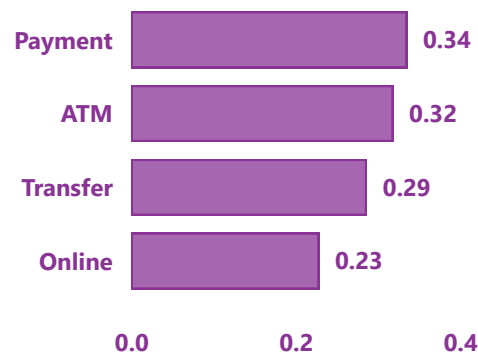
Total Froaud count by day_of_week



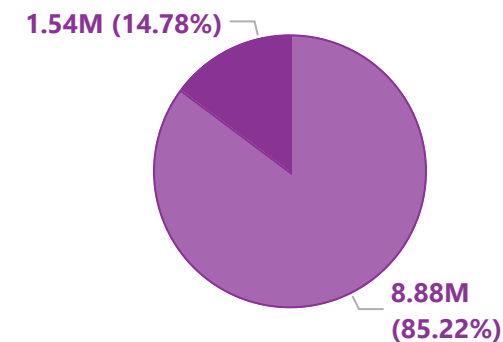
Total Transactions by high_amount_flag



Fraud Rate % by transaction_type



Total Fraud Amount by international_flag





transaction_type

All

location

All

is_fraud

All

high_amount_flag

All

is_international

All

FRAUD INSIGHTS TABLE

transaction_id	customer_id	amount	transaction_type	location	is_fraud	high_amount_flag	international_flag
1	1051	24848.33	Payment	Pune	0	0	0
2	1092	35661.67	Payment	Hyderabad	0	0	0
3	1014	75808.83	Transfer	Delhi	0	1	0
4	1071	1537.91	Payment	Hyderabad	0	0	0
5	1060	11695.66	Payment	Chennai	0	0	1
6	1020	4695.66	Transfer	Chennai	0	0	0
7	1082	4168.81	Transfer	Chennai	0	0	0
8	1086	85560.51	Online	Mumbai	0	1	0
9	1074	70395.42	Payment	Delhi	1	1	0
10	1074	47469.97	ATM	Pune	0	0	0
11	1087	9873.63	Transfer	Pune	0	0	0
12	1099	49212.43	Online	Mumbai	0	0	0

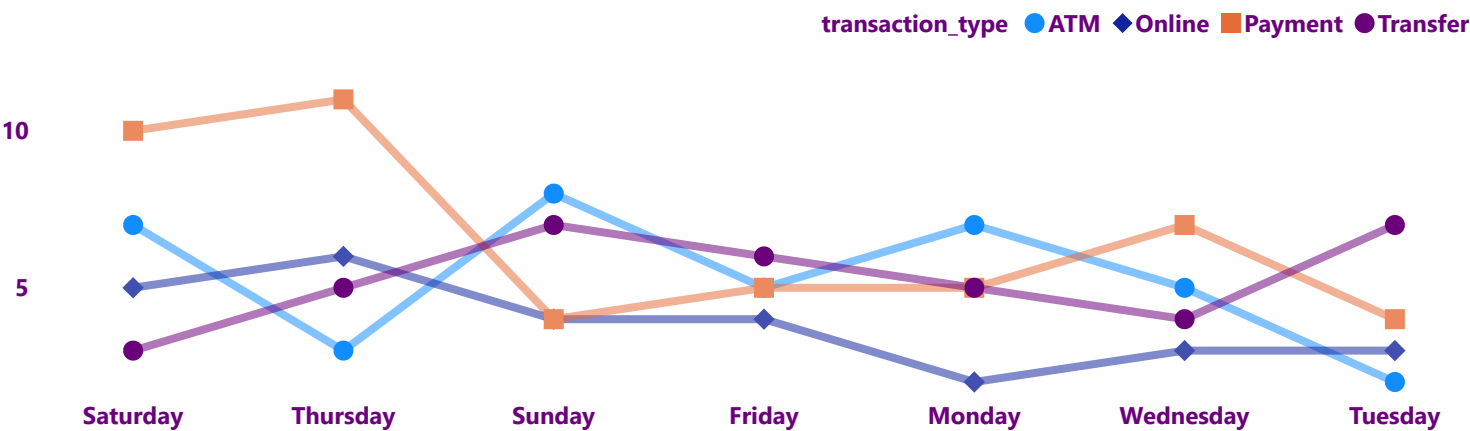


CUSTOMER FRAUD PROFILE

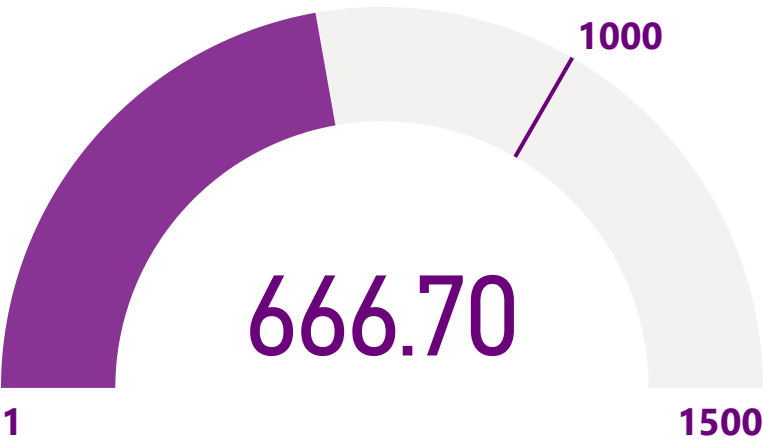
TOP 5 HIGH RISK ACCOUNTS

customer_id	Risk Score	Total Amount
1056	60.00	178,159.13
1061	56.00	719,607.63
1001	54.00	594,392.07
1055	54.00	155,641.55
1076	54.00	173,974.73

Total Froaud count by day_of_week and transaction_type



Risk Score, min_target, max_target and target



location	ATM	Online	Payment	Transfer
Bangalore	1,094,819.14	286,907.76	1,395,312.53	858,204.24
Chennai	1,001,355.42	1,280,808.17	1,188,485.68	1,009,196.62
Delhi	1,090,610.50	933,550.11	938,919.87	1,281,031.49
Hyderabad	1,192,833.35	1,023,623.97	1,249,792.40	1,213,595.76
Mumbai	652,430.00	1,007,137.38	1,074,532.86	573,448.08
Pune	907,120.95	1,266,581.42	1,105,517.38	1,381,148.01