



FRAUD DETECTION ANALYSIS

[Fraud_Overview](#)[Analytics](#)[Merchant and User Analysis](#)

Fraud Loss

3M

False Positive Rate

49.44

Fraud Loss (%)

25.20 %

Revenue Lost to Fraud

\$10.16M

Fraud Detection Rate

20.49

Year

All

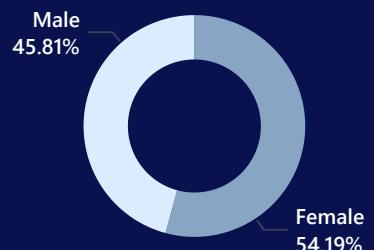
Month

All

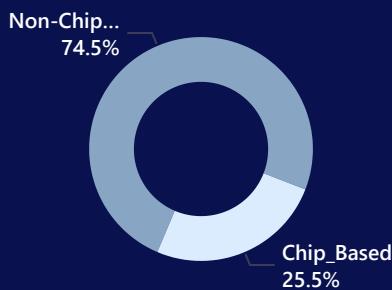
Fraud VS Non Fraud Transactions



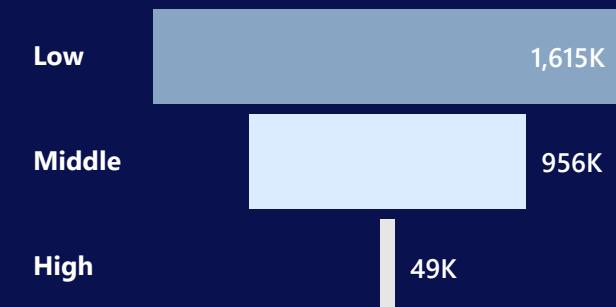
Fraud Risk by Gender



Chip- Based Fraud



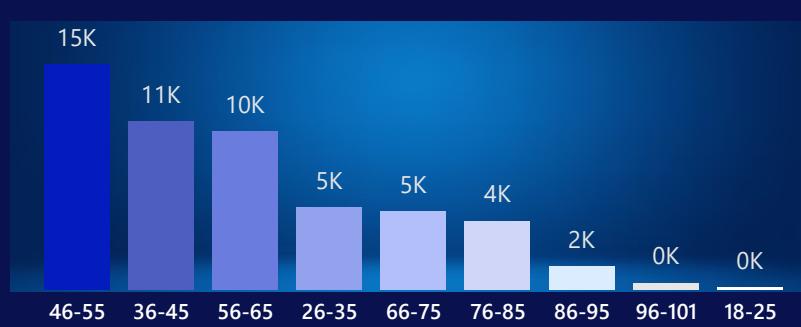
Fraud Patterns by Income



Fraud Trends by Error Type

errors	Fraud_Count	Fraud_Amount
Bad Card Number	7767	460,284
Bad CVV	6106	377,385
Bad Expiration	6161	361,664
Bad PIN	32119	1,280,718
Bad Zipcode	1126	38,113
Insufficient Balance	1	100,800

Fraud Trends By Age-Group



Fraud analysis by TimeCategory

TimeCategory	fraudcount	Fraud_Amount
Afternoon	18248	897,219
Morning	21106	881,685
Late Night	6590	424,080
Evening	7336	415,980



FRAUD DETECTION ANALYSIS

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Total Transactions

211K

Total Amount

\$12.78M

Fraud Transactions

53K

Fraud Amount

3M

Year

All

Month

All

Time-Based Hierarchical Fraud Analysis



AI CHATBOT



What can I help with?



Ask a question..



0/2000



MERCHANT AND USER ANALYSIS

[Fraud_Overview](#)[Analytics](#)[Merchant and User Analysis](#)

Potential Fraudsters

71

Credit Score By Age

709.73

Average DTI

138.17

Average CUR

144.50

Gender

All

merchant_state

All

Year

All

Month

All

Client wise Fraud Analysis



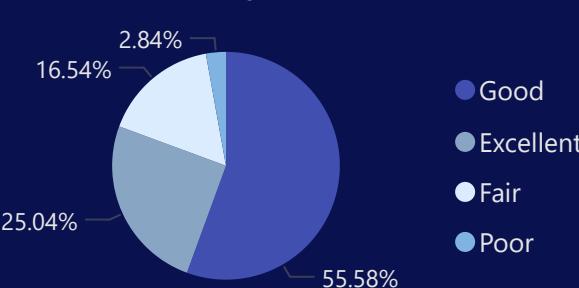
Suspicious Merchant Analysis



Fraud Trends Across States



Fraud By Credit Score



Card-Based Fraud Trends

card_brand	card_type	fraudcount	Fraud_Amount
Amex	Credit	1630	119,144
Discover	Credit	572	47,459
Mastercard	Credit	2005	166,009
Mastercard	Debit	26437	1,272,159
Mastercard	Debit (Prepaid)	3239	76,300
Visa	Credit	3067	238,005
Visa	Debit	14945	669,513

Fraud Overview By City

