



## Financial Fraud Tracking & Prevention

**Power BI is a powerful tool for analysing fraud detection data through interactive visuals and advanced analytics. It allows users to import, clean, and transform data while identifying fraud patterns using charts and time-series analysis. AI-powered features like anomaly detection and Key Influencers help pinpoint fraudulent transactions. Real-time dashboards and alerts enable continuous fraud monitoring, helping organizations make data-driven decisions to prevent fraud.**

# Financial Fraud Tracking & Prevention

Average Transaction Amount



2.98K

Total Fraud Loss

\$7.77M

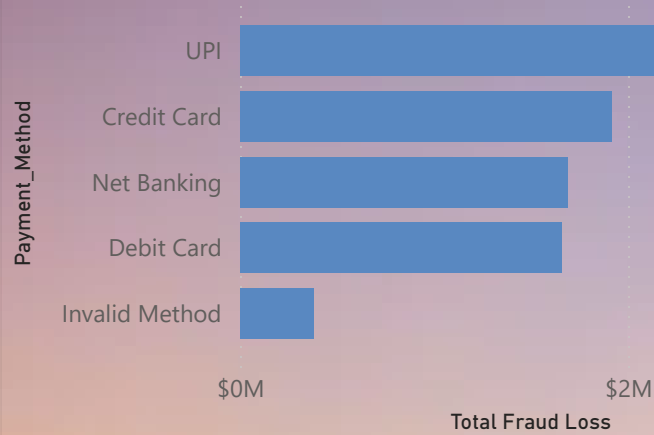
Fraud Transaction Count

2510

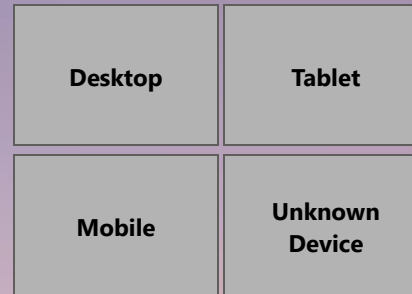
Total Transactions

\$51K

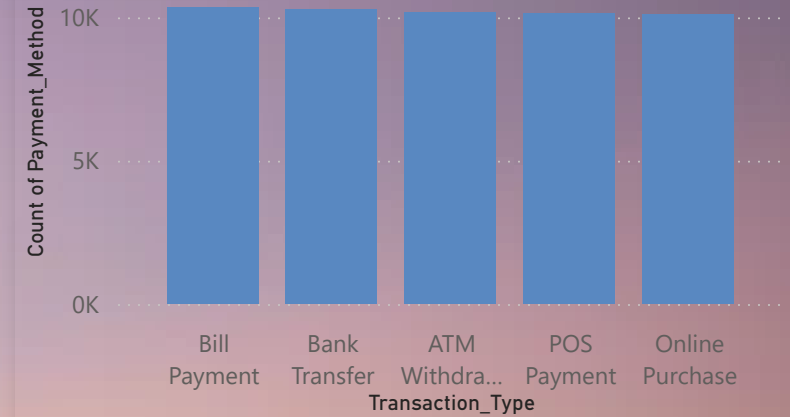
Total Fraud Loss by Payment\_Method



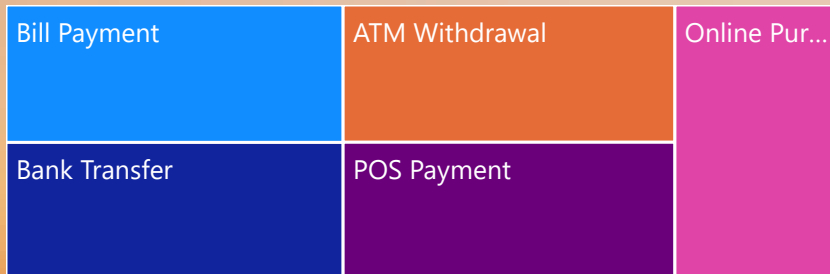
Device\_Used



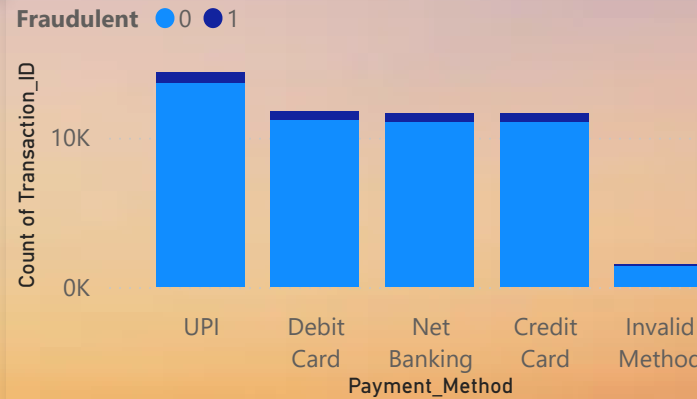
Count of Payment\_Method by Transaction\_Type



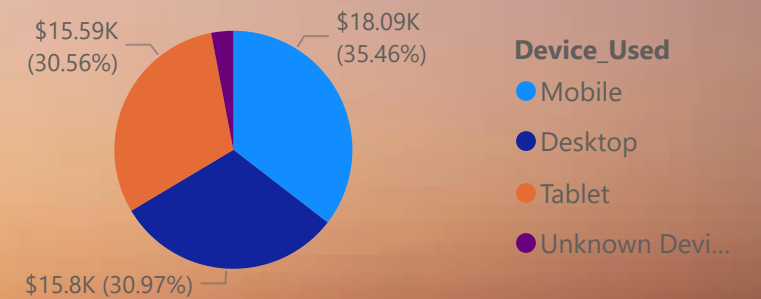
Count of Transaction\_ID by Transaction\_Type



Count of Transaction\_ID by Payment\_Method and Fraudulent



Total Transactions by Device\_Used



# Financial Fraud Tracking & Prevention

Payment\_Method



Credit Card

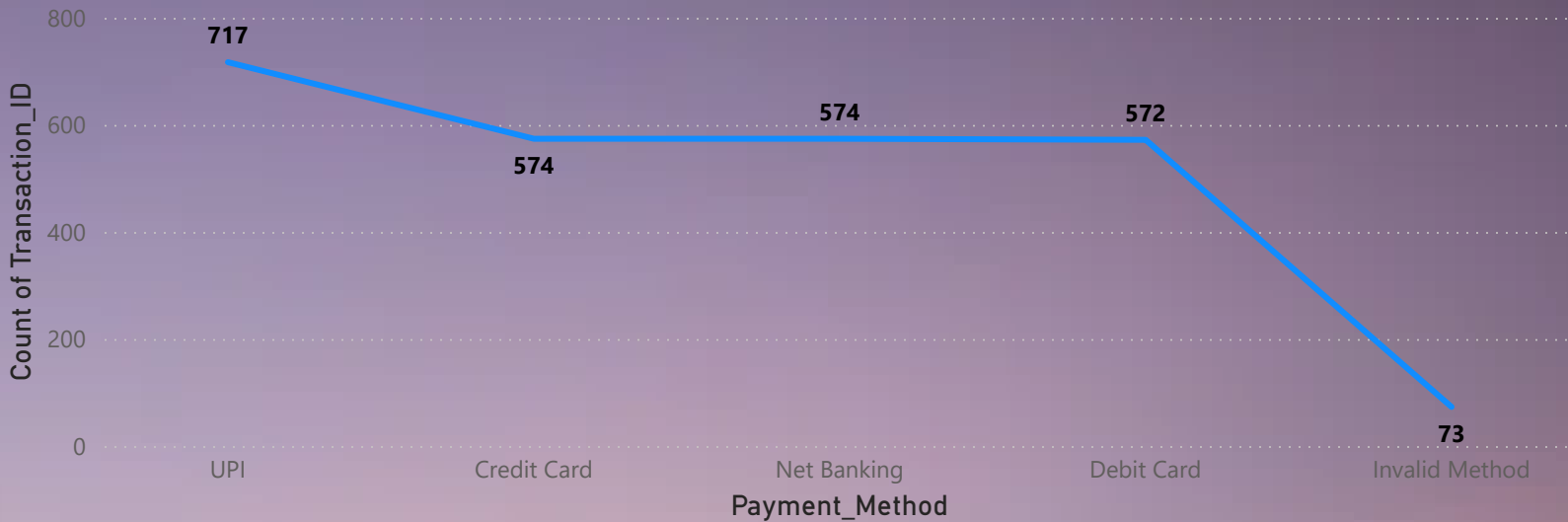
Net Banking

Debit Card

UPI

Invalid Method

Count of Transaction\_ID by Payment\_Method



Count of Fraudulent by Location



Transaction_ID	Device_Used	Payment_Method	Sum of Number_of_Transactions_Last_24H	Sum of Transaction_Amount
T19346	Mobile	UPI	7	\$14.31
T33267	Mobile	Credit Card	13	\$15.78
T30355	Tablet	UPI	14	\$18.82
T44433	Mobile	Debit Card	14	\$24.17
T41122	Tablet	Credit Card	8	\$27.02
T2782	Tablet	Net Banking	10	\$28.25
T16766	Tablet	Net Banking	4	\$28.83
T11771	Tablet	Credit Card	4	\$30.42
T497	Mobile	Net Banking	10	\$31.77
T25703	Tablet	Debit Card	10	\$31.87
T17310	Mobile	Credit Card	4	\$31.89
T42804	Tablet	Invalid Method	13	\$32.04
T20709	Mobile	Net Banking	13	\$32.34
T7595	Desktop	Credit Card	5	\$37.5
Total			18642	\$7,769,326.505000001



# Conclusion



**The Fraud Detection Dashboard in Power BI provides real-time insights into fraudulent transactions, high-risk customers, and financial losses. By analysing fraud patterns through interactive visuals, businesses can identify suspicious activities and take proactive measures. With data-driven decision-making, organizations can enhance security, reduce fraud risks, and protect financial assets.**