

Insights

1. There are 6.42 million normal transactions.
2. A total of 631k transactions were conducted using credit cards.
3. The bank recorded 10 million fraudulent transactions.
4. Merchants accounted for 383 fraudulent transactions.
5. The highest fraudulent transaction amount reached 3.58 million.
6. The graphical chart illustrates various transaction types, including cash in, cash out, transfer, payment, and debit. Notably, most fraudulent transactions occur in cash out and transfer categories.
7. Debit card transactions have the lowest frequency of fraud, indicating a lower occurrence of both fraudulent and normal transactions.
8. On average, fraudulent transactions make up 84.48%, while normal transactions constitute 15.52%. This suggests a higher frequency of fraudulent transactions.
9. The top ten merchants with the highest transaction volumes are C985934102, C1286084959, C248609774, C2083562754, C665576141, C1590550415, C1360767589, C451111351, C97730845, and C1883840933.
10. The top 3 merchants with the highest number of fraudulent transactions, particularly in cash out and transfer modes, are C9901046, C991505714 and C185805228.
11. The addition of a slicer allows for the easy classification of transactions as either 0 (no fraud) or 1 (fraud), enhancing visualization and analysis capabilities.