UPI Transactions

Source:

https://www.kaggle.com/datasets/skullagos5246/upi-transactions-2024-dataset

Overview:

This dataset simulates realistic Unified Payments Interface (UPI) transactions across various merchant categories in India. It is designed to reflect real-world digital payment patterns, including temporal, demographic, and behavioural features relevant for fraud detection, consumer analytics, and business intelligence.

Problem Statement:

1. Display 5 sample transactions.

2. Display the first 20 transactions.

3. Fetch the transactions worth less than 100 INR. Display only the amount and merchant category.

4. How many transactions have happened in total?

5. How many transactions have happened in Karnataka?

6. How many transactions happened in July?

7. What is the average value of all transactions?

8. Display the names of all the banks that initiated the transaction.

9. How many unique types of transactions have been used?

10. Identify all the fraudulent transactions on weekends after midnight and before sunrise. Assume sunrise is at 6 a.m.

11. Identify successful transactions initiated by senior citizens. Assume a senior citizen's age starts at 55.

12. How many failed grocery or shopping transactions have happened between midnight and sunrise on weekdays? Assume sunrise is at 5 a.m.

13. Identify all transactions involving recharge or bill payments at the SBI bank.

14. Which device type has had the most transactions?

15. Fetch the total transaction amount per sender bank.