

Phonepe pulse data visualization and exploration

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Introduction to PhonePe

PhonePe is one of India's leading digital payments and financial services platforms. Launched in 2016, it allows users to make seamless UPI transactions, pay bills, recharge mobile/DTH, book travel, and invest in mutual funds, insurance, and other financial products. With a user-friendly interface and strong security features, PhonePe has become a key player in India's digital payment ecosystem.

Company Overview

- Founded: December 2015
- Launched: August 2016
- Headquarters: Bengaluru, India
- Founder(s): Sameer Nigam, Rahul Chari, Burzin Engineer
- Parent Company: Flipkart (Owned by Walmart)
- Industry: Fintech & Digital Payments
- Business Model: Digital payments, financial services, and merchant solutions



● Key offerings

- UPI payments
- Mobile recharges
- Bill payments (electricity, water, gas, DTH, etc.)
- Insurance and mutual funds
- Digital gold investment
- Merchant payments
- Loan services

● Growth and Market presence

- 500+ million registered users
- 40+ million merchant partners across India
- 50%+ market share in UPI transactions
- Processes billions of transactions monthly
- Expanding into financial services, including lending, stock trading, and wealth management

Objectives

Objective 1

Analyze transaction trends across different states and categories.

Objective 2

Visualize transaction volume and values using Tableau.

Objective 3

Provide actionable insights for financial and business strategies.

Visualization and Insights

- Geo Map Visualization:
 - Distribution of transactions across states.
 - Identifying high and low transaction regions.
- Transaction Growth Over Time:
 - Monthly and yearly trends in transaction value.
- Category-Wise Transactions:
 - P2P transfers vs. Merchant payments.
- State-Wise Insights:
 - Top-performing states in digital transactions.
 - Growth rate comparison among different states.

Business impact and recommendations

- For Businesses:
 - Identify high-demand regions for targeted promotions.
 - Optimize merchant onboarding strategies.
- For Policy Makers:
 - Promote digital payments in underserved regions.
 - Strengthen cybersecurity measures based on fraud patterns.
- For Financial Analysts:
 - Predict future trends using past transaction data.

Dashboard link

<https://public.tableau.com/app/profile/subiksha.saravanan/viz/Dashboardforphonepayviz/Dashboard1?publish=yes>

https://public.tableau.com/app/profile/subiksha.saravanan/viz/Mapdashboard_17418913093540/Dashboard1?publish=yes



Conclusion

- Digital payments are growing at a rapid pace.
- Some states show higher adoption than others.
- Merchant transactions are increasing alongside P2P payments.



Thank you