



DATA OBSERVABILITY FOR ENTERPRISE ANALYTICS AND AI



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CASE STUDY: PHONEPE (WALMART)

PhonePe uses Acceldata to scale open-source data platform by 10x.



Large HBase OLTP Cluster

Hadoop, HBase, Hive, Spark, Ranger, Kafka

400M cash Transactions/month

Open-source, HDP binaries

1.1K Cash-transactions Per-Second

Problem

Scaling and performance issues on open-source OLTP and OLAP.

Solution

Acceldata Pulse helped PhonePe monitor HBase, Spark, and Kafka to distinguish between infrastructure issues and seasonal and campaign-based anomalies.

Results

- Scaled data infrastructure by 10x – 70-700 nodes – to support massive business expansion.
- Delivered 99.97% availability across its Big Data infrastructure.
- Saved \$5m+ in annual software licensing costs.
- Improved engineering productivity by minimizing daily firefighting.



Acceldata supports our hyper-growth and helps us manage one of the world's largest instant payment systems. PhonePe's biggest-ever data infrastructure initiative would never have been possible without Acceldata."

Burzin Engineer,
FOUNDER
CHIEF RELIABILITY OFFICER

