Case Study
Architecture Diagram

Dumping into 3 Kafka topics as per business logic to generate notifications

{JSON}

kafka

{JSON}

ETL operations using Spark Streaming and Kafka as sink

Ingesting to the Kafka topic

{JSON}
{JSON}
{JSON}

kafka

Spark Streaming

Input JSON strings from online interactions

ETL

APACHE HBASE

Power BI

HBase for easy and random inserts+updates. Can be used for visualisation as well

Google Cloud Storage

Google BigQuery

Power BI

Batch processing with GCS as storage, BigQuery as Analytics+Warehousing solution and Power BI for visualisation