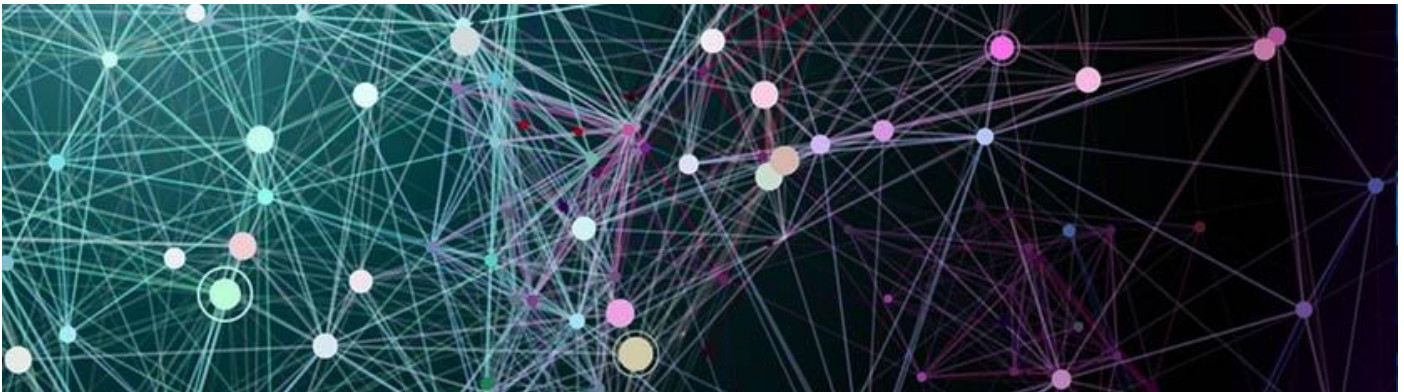


Case Study

BIG DATA PROCESSING & ANALYSIS



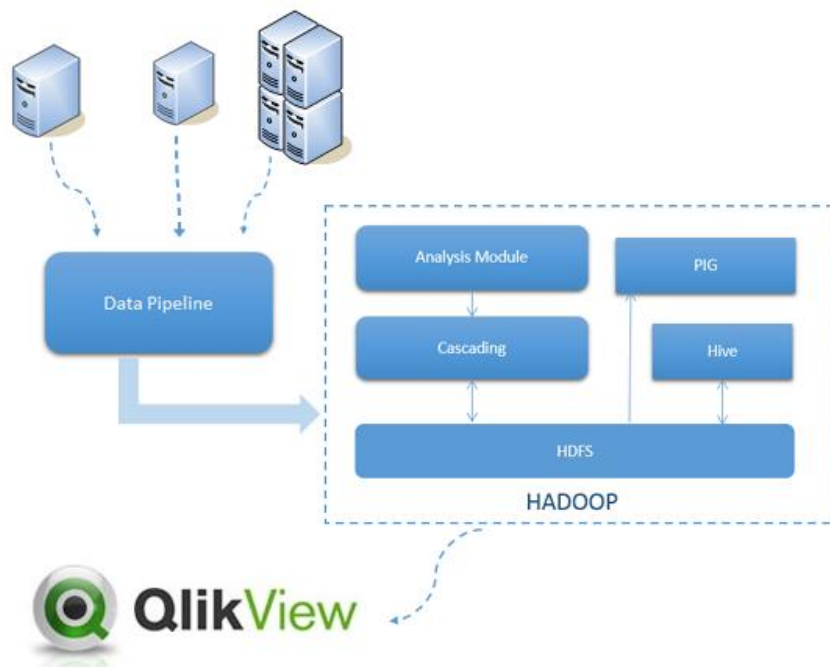
**BUSINESS
REQUIREMENTS**



OUR SOLUTIONS

Customer has a huge amount of user data giving information on the consumables usage for their devices. Customer wanted us to process and analysis this data for getting more insight on the usages and statistics for various predictions.

- Hadoop based big data solution for handling the large amount of unstructured data.
- Data pipeline applications for handling different data sources.
- KAFKA based producer-consumer system as interface to Hadoop data input.
- Data wrangling application using Cascading framework.
- Custom data analysis algorithms and logics.
- Data presentation layer using QlikView



Case Study

BIG DATA PROCESSING & ANALYSIS



BENEFITS

- Consumable usage prediction which leads to the optimal production and shipping which increased the profitability by 8%
- Regional based scientific inputs helped to optimize the consumable marketing plan.



TOOLS &
TECHNOLOGIES



Hadoop, Java, KAFKA, CAMUS, ZOOKEEPER, ORC, AVRO, JSON, Cascading, PIG, Hive, QlikView