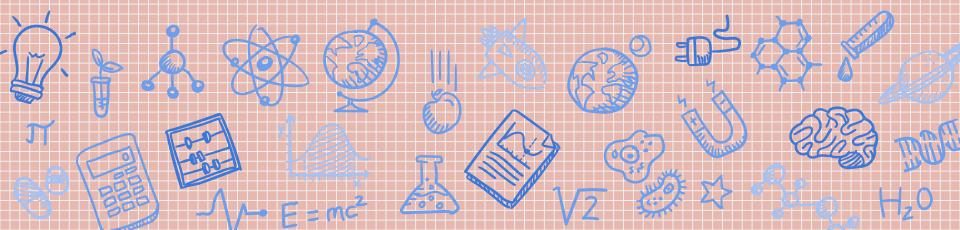
Twitter Streaming with Sentiment Analysis

Basma Muhammad Saloni Vora Shristi Maharjan





HELLO!

We can't believe we were able to finish the project!



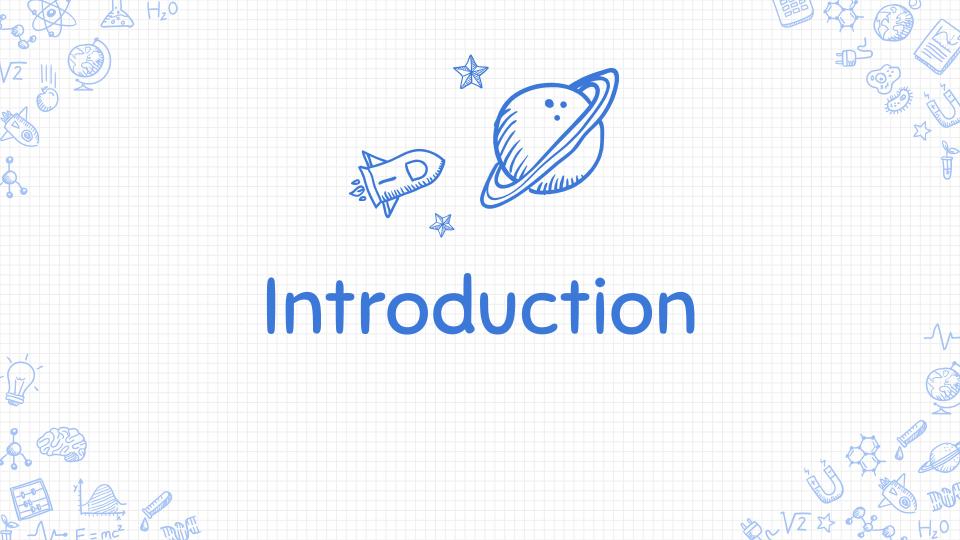




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- × Tools
- × Kafka Streaming
- Sentiment Analysis
- ✗ Spark SQL + Hive
- Visualization
- * Demo





Tools

Twitter 4J

kafka (Stream-Processing)

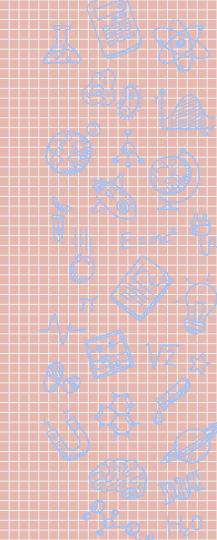
HDFS

CoreNLP

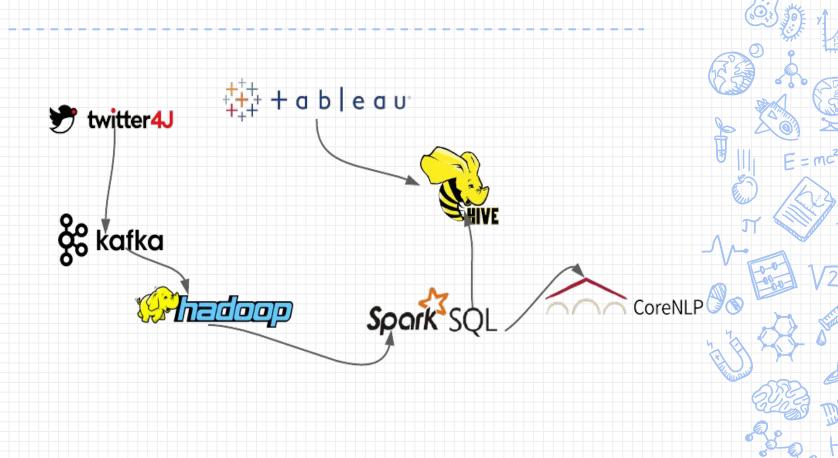
Spark SQL

HIVE

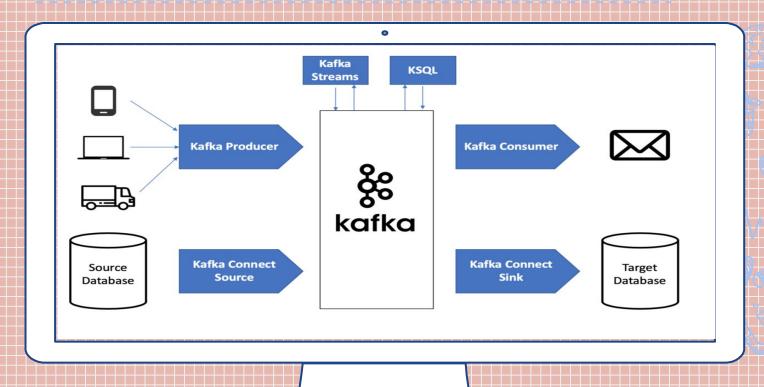
Tableau



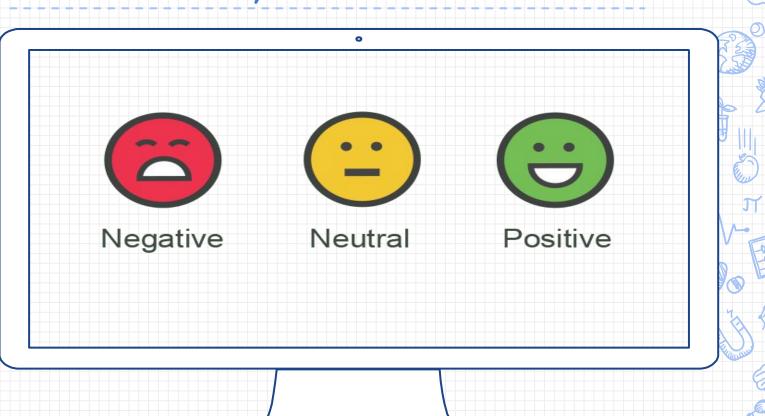
Pipline Flow



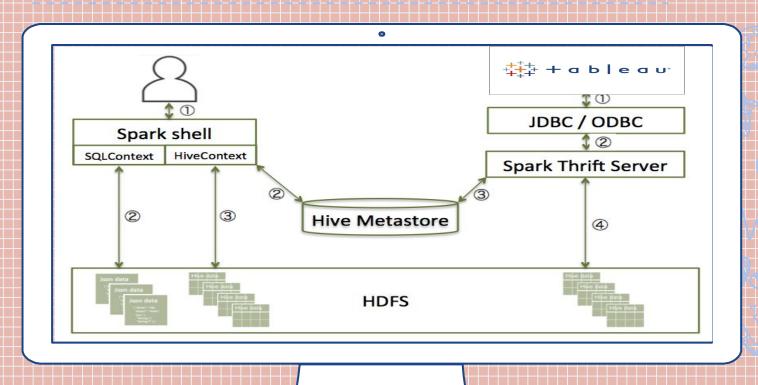
Twitter with Kafka Streaming

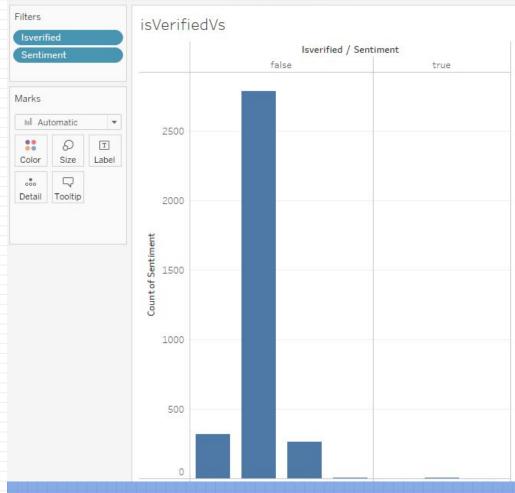


Sentiment Analysis

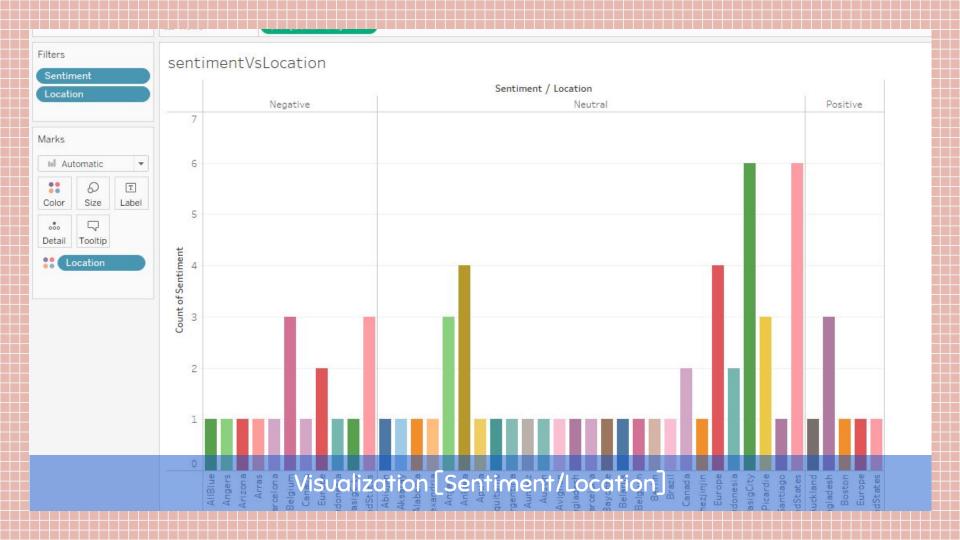


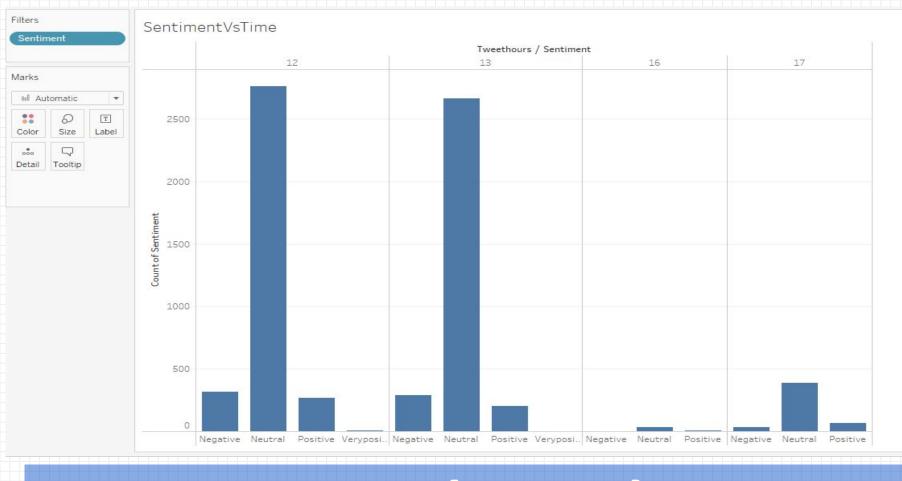
Spark SQL + Hive



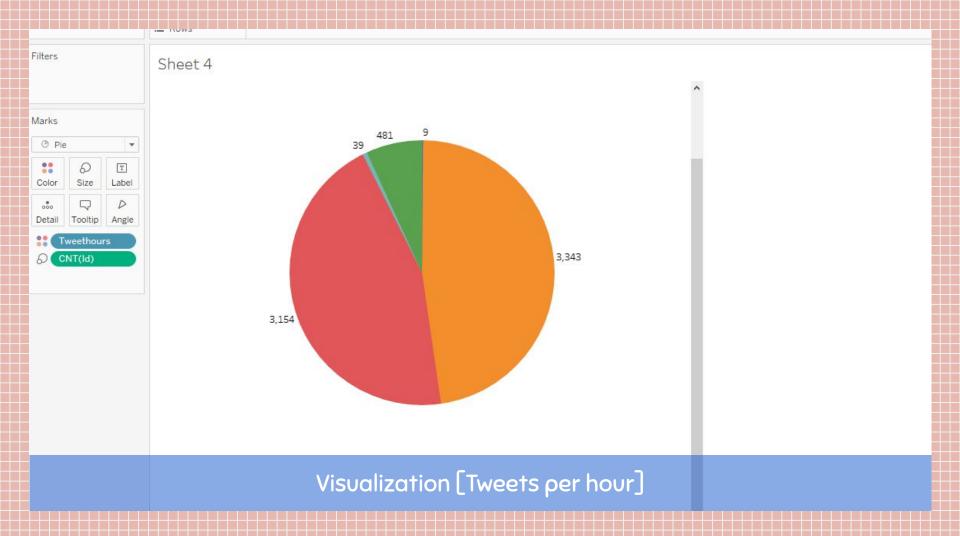


Visualization [Sentiment/Verified]

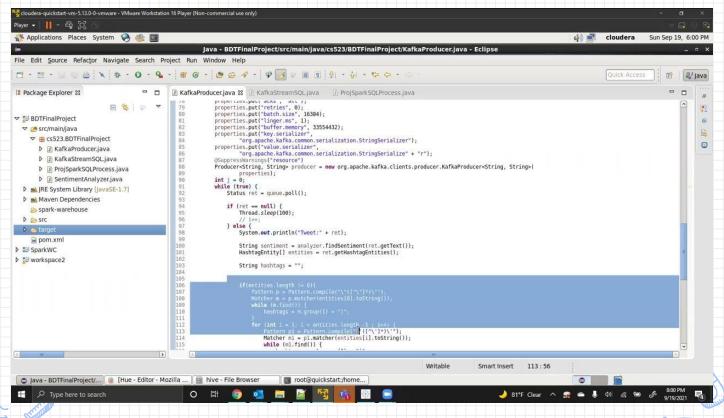




Visualization [Sentiment/Time]



Demo



Special Thanks to our Professor: Mrudula Mukadam **

Any questions?