Team no: Team 14

Team Members:
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Project Description:
Our project aims to perform sentiment analysis around the product iPhone8 and find out the major talked about issues in relation to that. Due to easy accessibility, we will use Twitter's real-time streaming data and perform the visualization on the results.

Claims:
1. The project will use real-time streaming data from Twitter
2. The results will be provided in the form of top 5 issues impacting the sentiment around the event
3. The system will be built on the following architecture: AWS services Kinesis, EC2, ECS, YARN, HDFS, and Apache Spark
4. The data will be visualized using graphs and charts along-with numerical figures
5. Various parameters of the architecture (changing the number of nodes) will be manipulated to compare the performance of the architecture

We will try to work on the following claims, once the above mentioned claims are successfully completed:
6. More than one data source will be used, crawling blogs/news/social media pages, for example, to get more data as input to increase the quality of the results
7. The architecture will be made to run on a large static data to compare its performance with real-time streaming data