

## ASSIGNMENT DISTRIBUTED SYSTEM

**Problem 2 ::** Social media websites produces a huge volume of data every day, this data can be used to find the sentiments of people on a given topic or product. You have to develop a system which involves collecting data from social network using the Twitter API's. Then, the challenges of big data are solved using Hadoop through map reduce framework where the complete data is mapped and reduced to smaller sizable data to ease of handling and finally includes analysing sentiments from the collected data .

- Sentiment analysis on twitter data using MapReduce.
- Performance of same problem when running on single machine and when running on clusters(draw graph which shows relation b/w nodes and performance).

**Link:** <https://acadgild.com/blog/mapreduce-use-case-sentiment-analysis-twitter-data>