**Project Objective:**

The project objective involves

1. Connecting to a twitter data stream, extracting and storing this data on Hadoop.
2. Precessing the data on Hadoop.
3. Creating tables on Hadoop on the basis of the data and providing an interface for simple querying from the user side.
4. Doing sentiment analysis by drawing comparison between the tweets by people on a topic.
5. Providing visualization of the Sentiment Analytics

**Brief Introduction to sentiment data and its potential use:**

Sentiment data can be seen as unstructured data which represent emotions, opinions and attitude contained in sources like social media blogs, posts, customer reviews etc.

The analysis can be used understand how public feels about a particular issue or topic. Furthermore, it can also be used to analyse how opinion changes as per time, geographical location, gender etc.

For example, an analysis done on the tweets tweeted at the time of demonetization of Rupees 500 and 1000 notes can help policy makers to understand the response of the public towards the change.