

Sentiment Analysis of Tweets and News Media Reporting on Demonetization Issues

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Intermediate BTP progress report

Group No - 24

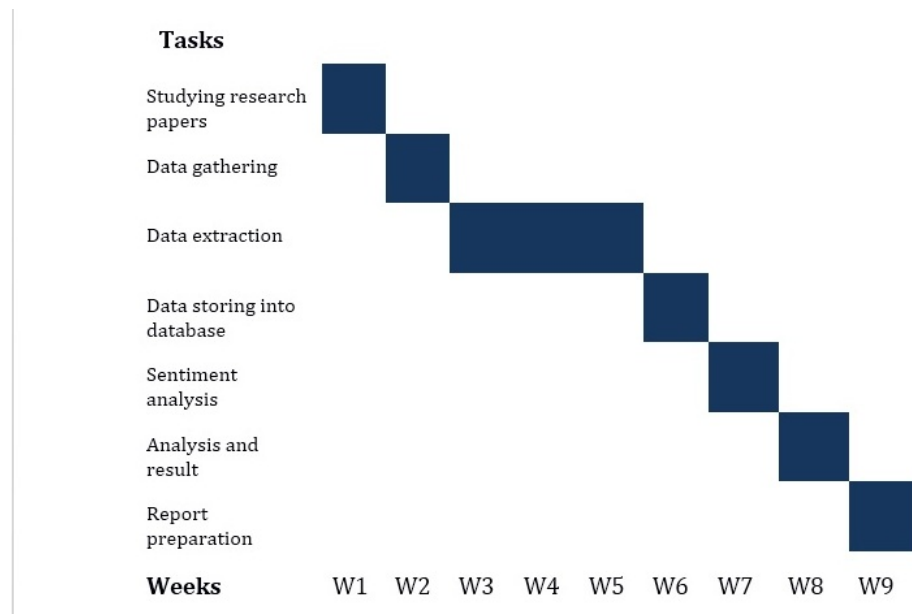
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1 Thesis Objective

Compare the sentiments of online tweets and News reports on the topic Demonetization and find the relationship between them on the basis of their sentiments.

2 Gantt chart (Time line of activities - Prepared earlier)

S. No.	Task	Days	Completion date
1	Studying research papers	5	13/06/2017
2	Data gathering	7	20/06/2017
3	Data extraction	20	10/07/2017
4	Data storing into database	5	15/07/2017
5	Sentiment analysis	7	21/07/2017
6	Analysis and result	5	26/07/2017
7	Report preparation	7	03/08/2017



3 Short description of activities completed

Data Scrapping : We used data scrapping techniques using Tweepy library on Python language to extract data from twitter.

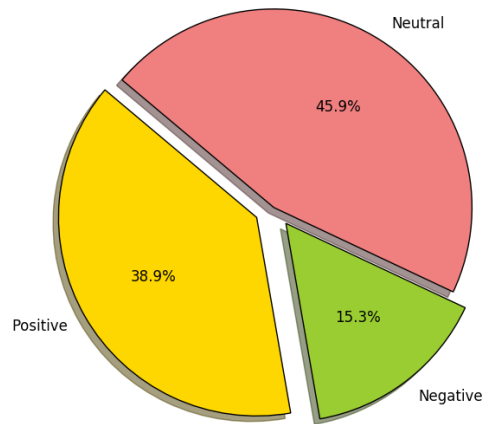
Data Mining : We applied data mining techniques to create certain filters to segregate the data extracted in the previous phase on terms of date, user handle.

Sentiment Analysis : We have used Nave Bayes to find the polarity and

subjectivity of the sentences.

4 Intermediate results

We have used algorithms for finding the sentiments of the tweets which we have extracted using tweepy and have obtained the polarity of tweets in terms of positive ,negative and neutral and got the fraction in terms of positivity(0.389) , negativity(0.153) and neutrality(0.458).



5 Future activities

Now, we intend to begin with the extraction of news reports on Demonetization and we will apply algorithms for sentiment analysis to find the polarities of news reports and we will compare the results of both graphically.