

ANALYSIS OF TWITTER DATASET

Shri Vishnu Engineering College For Women

January 25,2017

Presented By

- G L PAVANI - 14B01A0542 , CSE-A
- R P S PRAJYOTSNA - 14B01A05E1 , CSE-C
- A PAVANI - 14B01A0405 , ECE-A

About Project

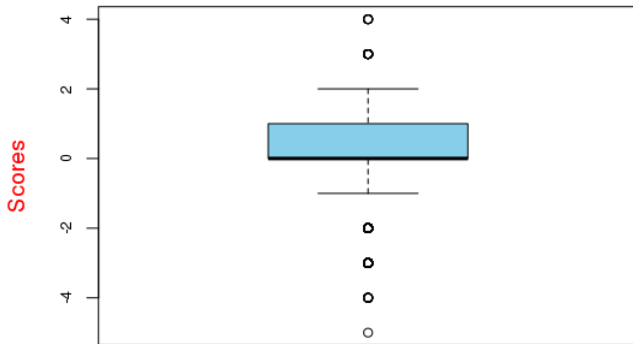
- Analysing The Twitter Data set
- Plotting The Graphs
- Sentiment Analysis
- WordCloud

Sentiment Analysis

- Sentiment analysis or Opinion mining is the computational treatment of opinions, sentiments and subjectivity of text.
- Generally, Sentiment analysis aims to determine the attitude of a speaker or a writer with respect to some topic or the overall context of a document.

Plot for Sentiment Analysis

Analysis Of Tweets



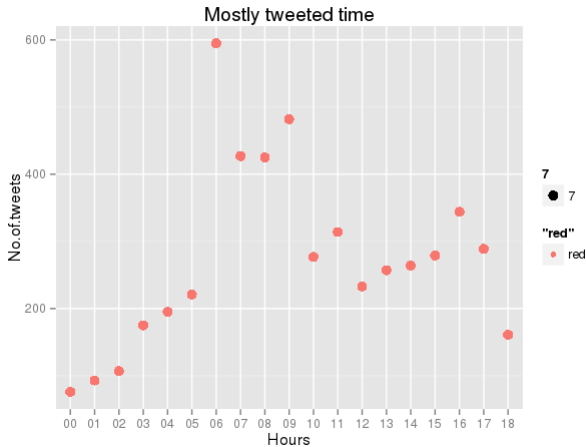
WordCloud

- A word cloud is a text mining method that allows us to highlight the most frequently used keywords in a paragraph of texts.
- A text mining package (tm) and word cloud generator package (wordcloud) are available in R for helping us to analyze texts and to quickly visualize the keywords words as a word cloud.

WordCloud

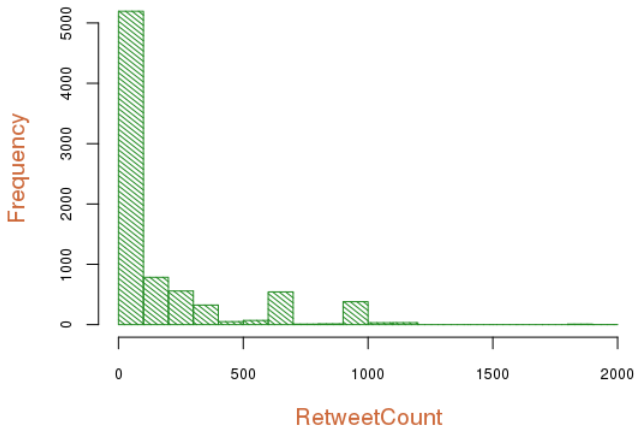


Hours Vs No.Of Tweets



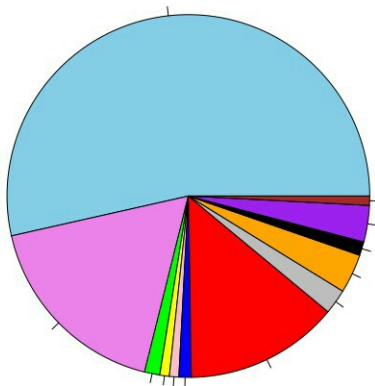
Retweet count Vs Frequency plot

Histogram For Retweets



Analysing The Sources

Pie chart of sources used for TWITTER



- Android
- WebClient
- Facebook
- Grabinbox
- IFTTT
- ipad
- iPhone
- M5
- Other
- WindowsPhone
- TweetDeck
- Windows

Packages Used

- plyr
- stringr
- ggplot2
- text mining(tm)
- wordcloud

Learnings

- How To Use RStudio
- How To Clean Data
- How To Perform Sentiment Analysis

Conclusion

- We can easily understand how the incident effects the user.
- Because of the plots even the illiterate user can also identifies the relation between the data.

