Text Mining

Extracting Reviews From Twitter

Latent Dirichlet Allocation

```
Topic 1   Topic 2 Topic 3 Topic 4 Topic 5    Topic 6     Topic 7    Topic 8
[1,] "thank"   "back"  "good"  "the"   "making"   "loved"     "always"   "lov
e"
[2,] "love"    "week"  "great" "man"   "surprise" "president" "season"   "fin
al"
[3,] "brother" "world" "cool"  "inch"  "huge"     "fun"       "amp"      "amp
"
[4,] "amp"     "hard"  "you"   "real"  "business" "man"       "good"     "our
"
[5,] "you"     "iron"  "life"  "amp"   "after"    "thank"     "congrats" "day
"
     Topic 9  Topic 10
[1,] "amp"    "it\u0092"
[2,] "hobbs"  "big"
[3,] "shaw"   "thanks"
[4,] "gents"  "enjoy"
[5,] "ladies" "friend"
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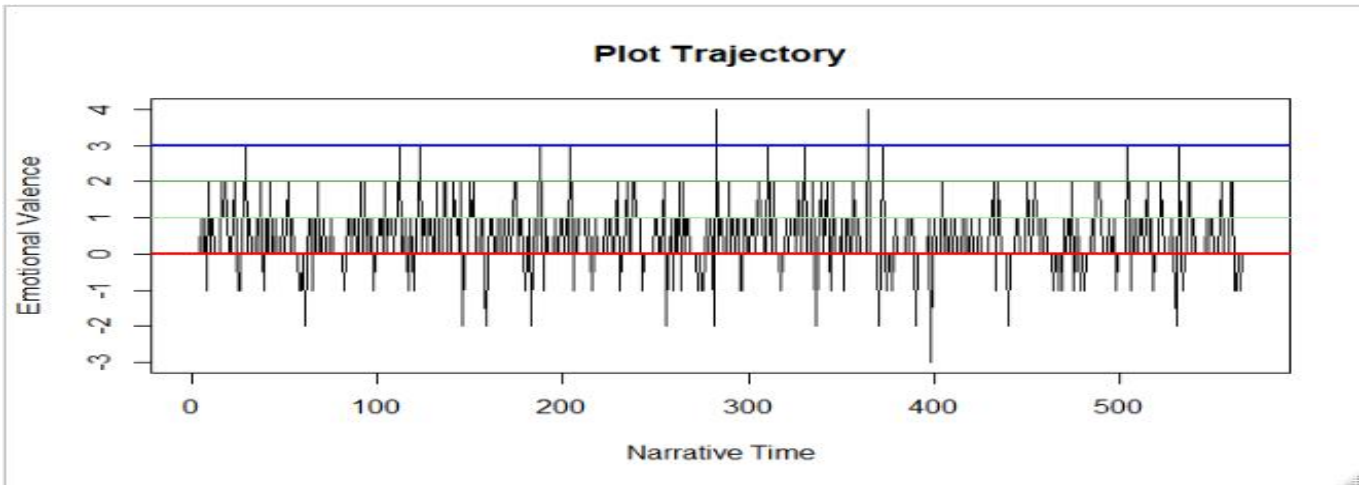
10 topics with 5 terms each

Sentiment Analysis

Six methods for sentiment analysis

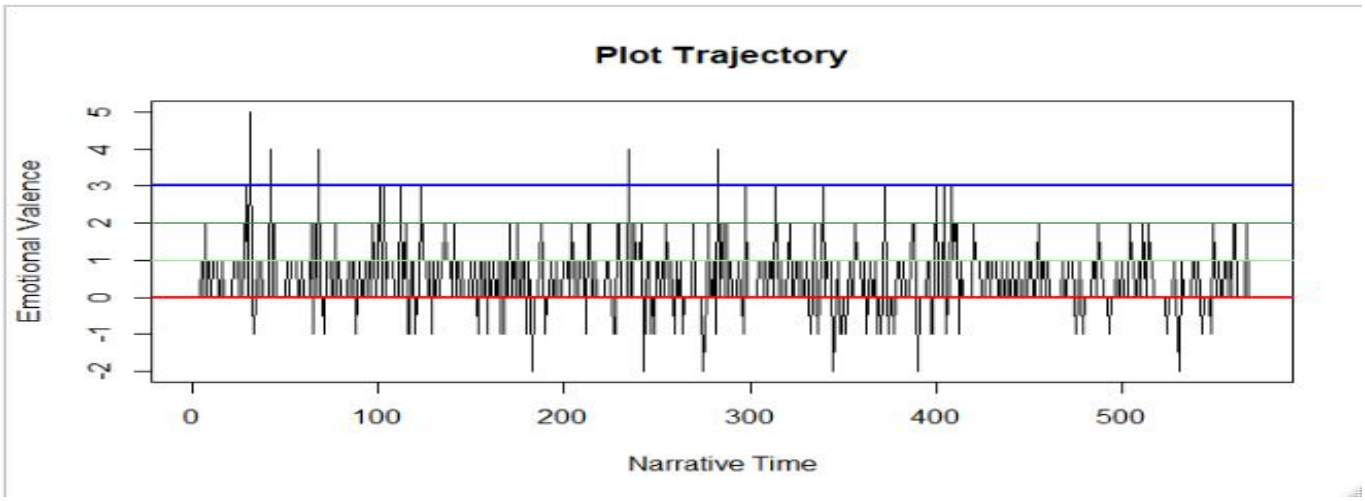
syuzhet , afinn, bing, nrc, Stanford, custom

Analyzing using “nrc”

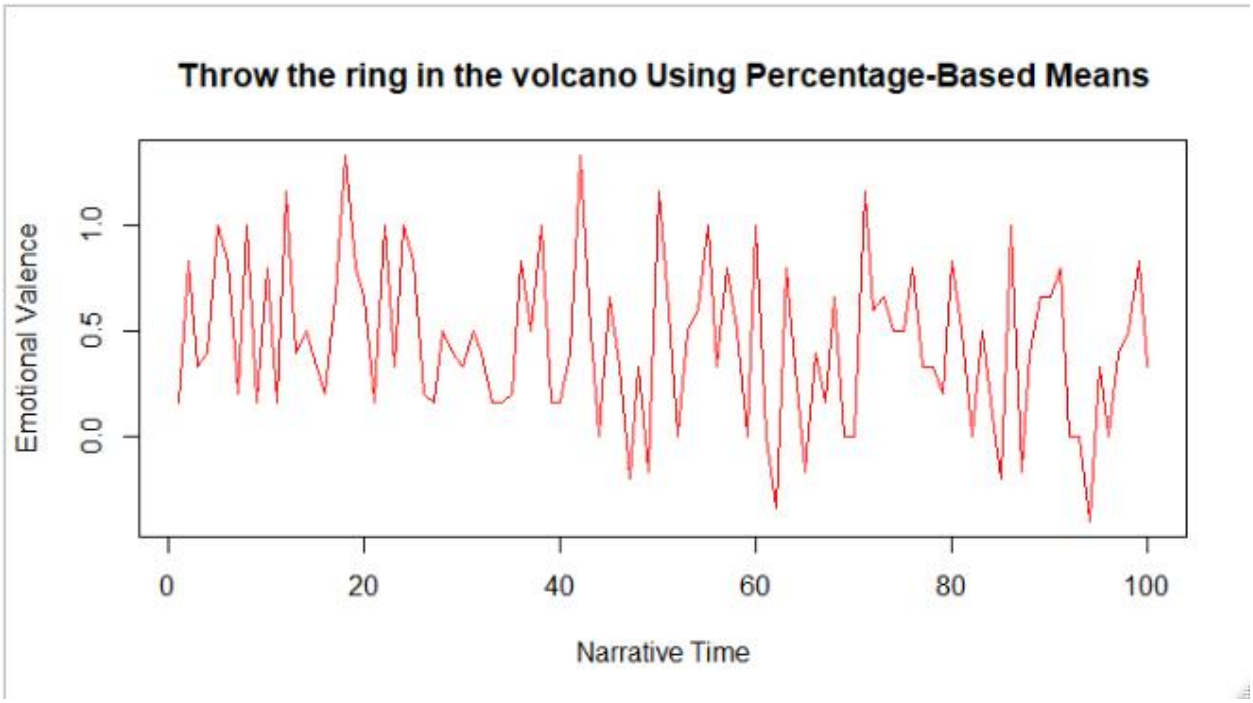


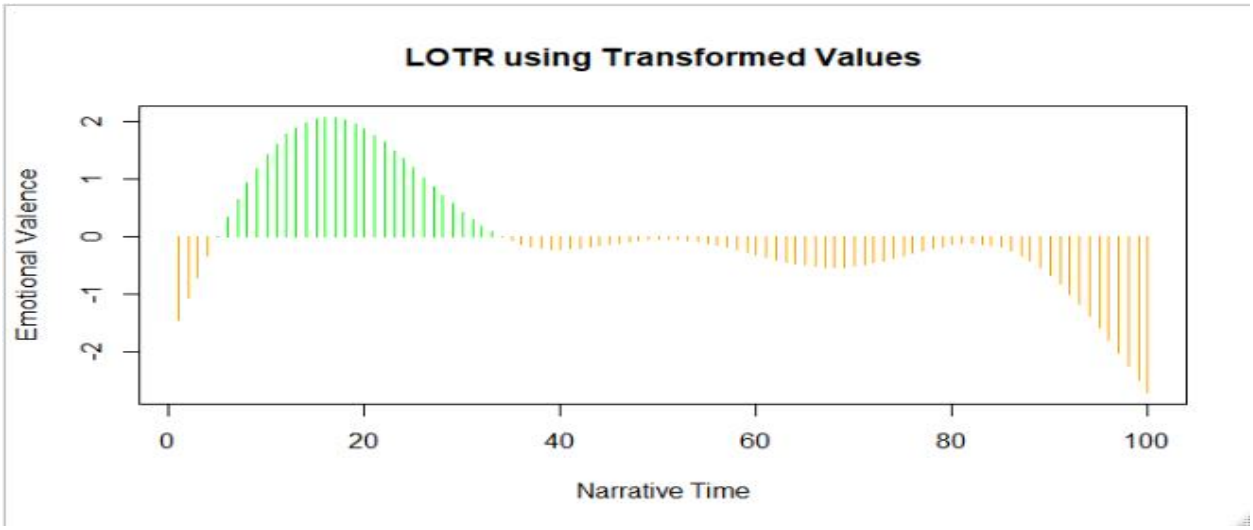
From the above plat we can say that, he twitted extreme positive words.

<u>Analyzing using “bing”</u>

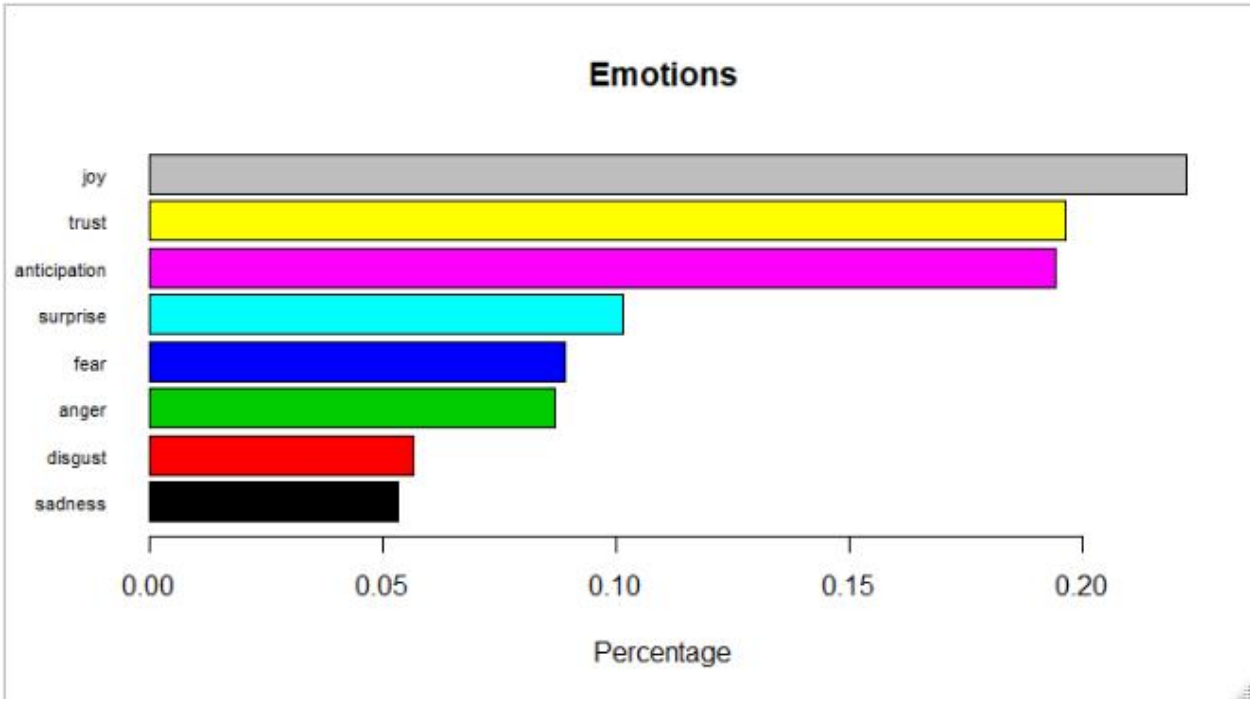


From the above plot, extreme positive reviews reached up to +5 or else negative reviews only up to -2.



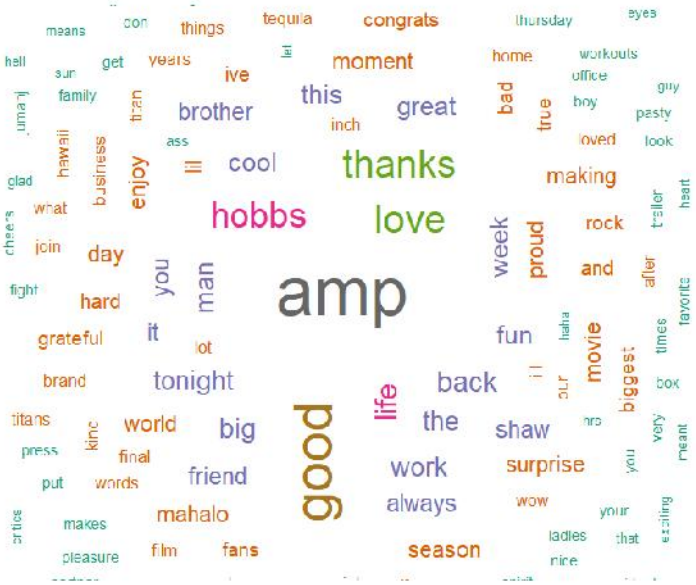


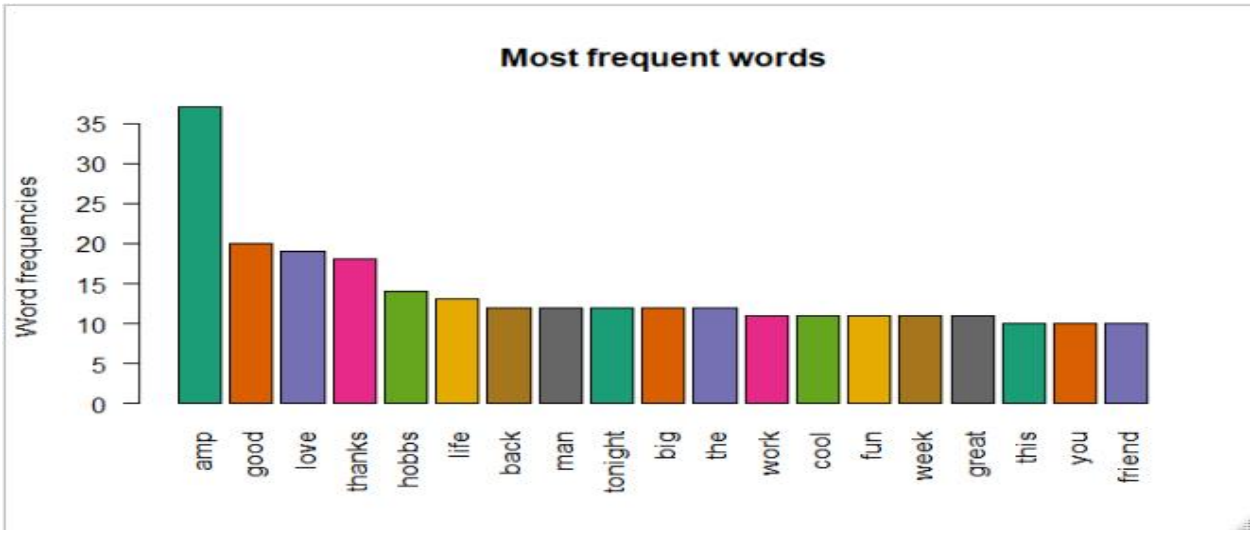
Emotion Analysis



From the above 8 emotions we can conclude that, Modi's tweets are most trustworthy.

Word Cloud





From the word cloud and bar plot, Modi is loved by people and so he thankful to the folks.