

TWITTER SENTIMENTAL ANALYSIS

CODE FOR TWITTER SENTIMENTAL ANALYSIS:

```
>library(tm)

>library(NLP)

>library(SentimentAnalysis)

>library(syuzhet)

>library(ggplot2)

>library(twitteR)

>library(RCurl)

>library(tidytext)

>tweets <- read.csv("C:/Users/HP/Desktop/mylist.csv")

>clean_tx1 = gsub("(RT|via)((?:\\b\\w*@[\\w+)+)", "", tweets)

>clean_tx2 = gsub("http[^\t:blank:]]+", "", clean_tx1)

>clean_tx3 = gsub("@\\w+", "", clean_tx2)

>clean_tx4 = gsub("[[:punct:]]", "", clean_tx3)

>clean_tx5 = gsub("^[:alnum:]]", "", clean_tx4)

>sentiment <- get_nrc_sentiment(clean_tx4)

>sentimentscores <- data.frame(colSums(sentiment[,]))

>names(sentimentscores) <- "Score"

>View(sentimentscores)

>sentimentscores <- cbind("sent"=rownames(sentimentscores),sentimentscores)

>rownames(sentimentscores) <- NULL

>View(sentimentscores)

>ggplot(data=sentimentscores,aes(x=sent,y=Score))+geom_bar(aes(fill=sent),stat="identity")+ theme(legend.position = "none")+ xlab("sentiment")+ ylab("Scores") + ggtitle("Total Sentiment")
```

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FINAL OUTPUT (SENTIMENTAL SCORES):

