Extract tweets for any user

Perform sentimental analysis on the tweets extracted from the above

##Twitter analysis of my friend twitter account##

library("twitteR")

#install.packages("ROAuth")

library("ROAuth")

cred <- OAuthFactory$new(consumerKey='FXTquJNbgDG2dH81XYVqNZFAb', # Consumer Key (API Key)

consumerSecret='3y0ALNFzJ8JKyxzFd0ba9FWSUpNSWhPisEIZOB6WCTtcGvP6SO', #Consumer Secret (API Secret)

requestURL='https://api.twitter.com/oauth/request\_token',

accessURL='https://api.twitter.com/oauth/access\_token',

authURL='https://api.twitter.com/oauth/authorize')

#cred$handshake(cainfo="cacert.pem")

save(cred, file="twitter authentication.Rdata")

load("twitter authentication.Rdata")

#install.packages("base64enc")

library(base64enc)

#install.packages("httpuv")

library(httpuv)

setup\_twitter\_oauth("FXTquJNbgDG2dH81XYVqNZFAb", # Consumer Key (API Key)

"3y0ALNFzJ8JKyxzFd0ba9FWSUpNSWhPisEIZOB6WCTtcGvP6SO", #Consumer Secret (API Secret)

"529590041-qOXLd769cQEUTbXg3iRqCd33pC1K6xoORrGOMJDh", # Access Token

"WlqZJwXFQzf64IuojkbKh1jdT5cnSY8U44pqmz6Sc1d4A") #Access Token Secret

#registerTwitterOAuth(cred)

Tweets <- userTimeline('OChautala', n = 1000,includeRts = T)

TweetsDF <- twListToDF(Tweets)

dim(TweetsDF)

View(TweetsDF)

write.csv(TweetsDF, "omprakash.csv",row.names = F)

getwd()

library(rtweet)

install.packages("syuzhet")

library("syuzhet")

library(lubridate)

library(ggplot2)

library(scales)

library(dbplyr)

library(reshape2)

txt = readLines(file.choose())

x <- iconv(txt, "UTF-8")

s <- get\_nrc\_sentiment(x)

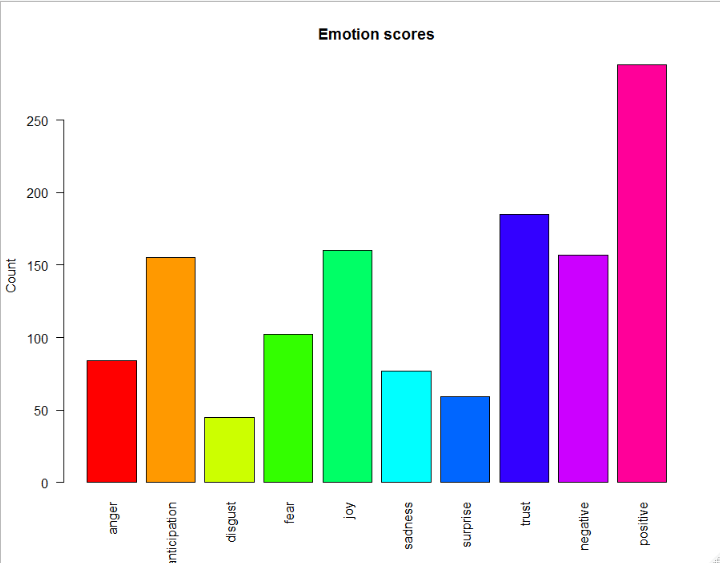
head(s)

x[4]

get\_nrc\_sentiment('excellent')

# Bar plot for emotion mining

barplot(colSums(s), las = 2, col = rainbow(10), ylab = 'Count', main = 'Emotion scores')



##Inference from the Sentimental analysis

##The most of the tweets consists positive emotions in them

## The second most of the tweets consists of trust emotion in them

## followed by neagative ,joy and anticipation so we the negative tweets are most used to criticize other

##Overall emotion of the tweets is positive emotion

##clear analysis the disgust emotion in the tweets were less