Twitter data mining through R

```r
install.package("twitteR")

require(twitteR)

install.package("RCurl")

require(RCurl)

consumer_key <-   ' '

consumer_secret <-  ' '

access_token <- ''

access_secret <- ''

setup_twitter_oauth(consumer_key, consumer_secret, access_token, access_secret)


india_tweets <- searchTwitter("INDIA" ,n=10 ,lang ="en")
 india_tweets

str(india_tweets)

india_tweets[1:3]

install.package("tm")
 require(tm)


install.package("wordcloud ")

require(wordcloud)

ransomware <-searchTwitter('ransomware+malware', lang="en", n=10, resultType="recent")

 class(ransomware)
 ransomware_text <- sapply(ransomware, function(x) x$getText())

 str(ransomware_text)


 ransomware_corpus <- Corpus(VectorSource(ransomware_text))

 ransomware_corpus



ransomware_clean <- tm_map(ransomware_corpus ,removePunctuation)

 ransomware_clean <- tm_map(ransomware_clean ,content_transformer(tolower))

 ransomware_clean <- tm_map(ransomware_clean ,removeWords, stopwords("english"))

 ransomware_clean <- tm_map(ransomware_clean ,removeNumbers)

 ransomware_clean <- tm_map(ransomware_clean ,stripWhitespace)
```

```
ransomware_clean <- tm_map(ransomware_clean ,removeWords, c("ransomware" , "
malware"))

  wordcloud(ransomware_clean)

wordcloud(ransomware_clean, random.order=F , max.words=40, colors=rainbow(50))
```