```r
install.packages("Rfacebook")
library(Rfacebook)
token <- "
me <- getusers("me",token,private_info = T)
accessToken <- ""
accessToken <- ""
install.packages("RCurl")
library(RCurl)
f_url <-sprintf( "https://graph.facebook.com/%s&access_token=%s",
"me/photos", accessToken )
connect <- getURL(f_url)
token <-
"EAACEdEose0cBAN3msnx0KoKZCpFOAlvKtXnopjCVIxgkVWTuBgvVoSdxA4fn73jRw72vMsJ
imx4vIg95ALWjCDpZAlgZCg4yZAlqx5fJhNWhDYg3LZC7sEzFRJzfBrDxeZATZCmOzXW466jc
ClAUXCnyZAsBXNjrQBU8OAoHx8XkRahZCxy6wt4XyroHCn7HlVbQZD"
me <- getusers("me",token,private_info = T)
me <- getUsers("me",token,private_info = T)
me$name
me$hometown
me$birthday
obma <- getPage("barackobama",token)
obma$message
my_friends <- getFriends(token)
head(my_friends)
head(my_friends)
my_friends$message
fb_page <- getPage(page = "facebook",token)
fb_page$message
save.image("C:\\Users\\akhila\\Desktop\\proj")
q()
load("C:\\Users\\akhila\\Documents\\.RData")
install.packages("Rfacebook")
library(Rfacebook)
install.packages("RCurl")
library(RCurl)
accessToken <-
"EAACEdEose0cBAN3msnx0KoKZCpFOAlvKtXnopjCVIxgkVWTuBgvVoSdxA4fn73jRw72vMsJ
imx4vIg95ALWjCDpZAlgZCg4yZAlqx5fJhNWhDYg3LZC7sEzFRJzfBrDxeZATZCmOzXW466jc
ClAUXCnyZAsBXNjrQBU8OAoHx8XkRahZCxy6wt4XyroHCn7HlVbQZD"
connect <- getURL(f_url)
q()
install.packages("Rfacebook")
library(Rfacebook)
install.packages("RCurl")
library(RCurl)
token <-
"EAACEdEose0cBAA1ib8Qd3tWbjFuXmv3zEcibPOHTTui3EIkzkWJqbWvHTlBYkkv2sJmzoe0
35duQPE5c31itS69WREumgPCp2ZBlY1NMR0zRZCNZCs7a8K2nxVjJwW7xnZByys6Jdnqqtt9p
TFdmzGhfsbZCWHXTFvnexvrRjGVzERfslUyQbBcnW0bCqYSloFrZBtHZCZABgQZDZD"
me <- getUsers("me",token,private_info = T)
me$name
me$hometown
my_likes <- getLikes(user="me" ,token)
my_likes <- getLikes(user="me"
,token="EAACEdEose0cBAA1ib8Qd3tWbjFuXmv3zEcibPOHTTui3EIkzkWJqbWvHTlBYkkv2
sJmzoe035duQPE5c31itS69WREumgPCp2ZBlY1NMR0zRZCNZCs7a8K2nxVjJwW7xnZByys6Jd
nqqtt9pTFdmzGhfsbZCWHXTFvnexvrRjGVzERfslUyQbBcnW0bCqYSloFrZBtHZCZABgQZDZD
")
```

```
view(my_likes)
view(my_likes)
print(my_likes)
getpagedata = getpage (1419443995014710,
token="EAACEdEose0cBAEKV5zN4mMfs6aQxh9rrw6zlFBx9FGFlv4Xr1xeHYltWdDWaMrUaA
mdCLY3QwFDleUFXPRIAnamK4Hc2r76jlHjGnaea6ffRTpHLX7FhjfGLQvdZAdHGCvXZA3BWVC
RFmzwGKZB2uDC0iCHWkkEe1bzQE3S2fSZBQXEYZBq3rKGPb9aUCALkZD")
getpagedata = getpage (1419443995014710,
token="EAACEdEose0cBAEKV5zN4mMfs6aQxh9rrw6zlFBx9FGFlv4Xr1xeHYltWdDWaMrUaA
mdCLY3QwFDleUFXPRIAnamK4Hc2r76jlHjGnaea6ffRTpHLX7FhjfGLQvdZAdHGCvXZA3BWVC
RFmzwGKZB2uDC0iCHWkkEe1bzQE3S2fSZBQXEYZBq3rKGPb9aUCALkZD" , n=10 )
getpagedata = getPage (1419443995014710,
token="EAACEdEose0cBAEKV5zN4mMfs6aQxh9rrw6zlFBx9FGFlv4Xr1xeHYltWdDWaMrUaA
mdCLY3QwFDleUFXPRIAnamK4Hc2r76jlHjGnaea6ffRTpHLX7FhjfGLQvdZAdHGCvXZA3BWVC
RFmzwGKZB2uDC0iCHWkkEe1bzQE3S2fSZBQXEYZBq3rKGPb9aUCALkZD" , n=10 )
print (getpagedata)
view(getpagedata)
print.table (getpagedata)
print (getpagedata)
search_groups <-
searchGroup("ipl2018",token="EAACEdEose0cBAEKV5zN4mMfs6aQxh9rrw6zlFBx9FGF
lv4Xr1xeHYltWdDWaMrUaAmdCLY3QwFDleUFXPRIAnamK4Hc2r76jlHjGnaea6ffRTpHLX7Fh
jfGLQvdZAdHGCvXZA3BWVCRFmzwGKZB2uDC0iCHWkkEe1bzQE3S2fSZBQXEYZBq3rKGPb9aUC
ALkZD")
print(search_groups)
groups
groups_post <- grtGroup(2076829735896270
groups_post <- grtGroup(2076829735896270 , token
="EAACEdEose0cBAOjRaG0KnE7a1ZCvVgfXYjfFOcYT5KL6h033H4OBZBYiYkZCiF6P9ONL1k
X1p2ZCGSiZBAnCuHlo13ZBpOOpEZA3oepT5lHmXcvF3QZA5cwplgp9og8FzfR1UHhnK4db7JX
hs3ZCZAkcaRzNjg8VEuGF22XbRRZBAPmc4kKZAd9l2u9MnXyXjpHYaDAZD" , n=10 ,
since=NULL , until=NULL)
groups_post <- getGroup(2076829735896270 , token
="EAACEdEose0cBAOjRaG0KnE7a1ZCvVgfXYjfFOcYT5KL6h033H4OBZBYiYkZCiF6P9ONL1k
X1p2ZCGSiZBAnCuHlo13ZBpOOpEZA3oepT5lHmXcvF3QZA5cwplgp9og8FzfR1UHhnK4db7JX
hs3ZCZAkcaRzNjg8VEuGF22XbRRZBAPmc4kKZAd9l2u9MnXyXjpHYaDAZD" , n=10 ,
since=NULL , until=NULL)
print(groups_post)
searchpages <- searchPages("ipl2018" ,
token=EAACEdEose0cBAOjRaG0KnE7a1ZCvVgfXYjfFOcYT5KL6h033H4OBZBYiYkZCiF6P9O
NL1kX1p2ZCGSiZBAnCuHlo13ZBpOOpEZA3oepT5lHmXcvF3QZA5cwplgp9og8FzfR1UHhnK4d
b7JXhs3ZCZAkcaRzNjg8VEuGF22XbRRZBAPmc4kKZAd9l2u9MnXyXjpHYaDAZD , n=10)
searchpages <- searchPages("ipl2018" ,
token="EAACEdEose0cBAOjRaG0KnE7a1ZCvVgfXYjfFOcYT5KL6h033H4OBZBYiYkZCiF6P9
ONL1kX1p2ZCGSiZBAnCuHlo13ZBpOOpEZA3oepT5lHmXcvF3QZA5cwplgp9og8FzfR1UHhnK4
db7JXhs3ZCZAkcaRzNjg8VEuGF22XbRRZBAPmc4kKZAd9l2u9MnXyXjpHYaDAZD" , n=10)
print(searchpages)
save.image("C:\\Users\\akhila\\Desktop\\project")
load("C:\\Users\\akhila\\Desktop\\project")
q()
install.packages("Rfacebook")
library(Rfacebook)
install.packages("Rcurl")
install.packages("RCurl")
library(RCurl)
token <-
"EAACEdEose0cBAI82sl0GRYZA9xAEfo8hjv6cYVENAkeC5GvLwQ0Hp1eZAQpowY9OZBcWVlY
1ZBIpr3uFtHPy0B6kNjZB4tec7ZCZAdu26KYcmZBg5ohmZAz8jqhjw1UeHARZAFcbvOIiPhyX
```

```
                      gMZAvQidxfpW4QQq7Kg5HU6KnRZCfIzKCfNd1GIyhSZBZA4r0mqnEzZCyIISntK9X00HQZDZD
                      "
me <- getUsers("me",token,private_info = T)
me$name
me$hometown
my_likes <- getLikes(user="me" ,token="token")
my_likes <- getLikes(user="me" ,token=token)
me # printing output
my_likes # printing output
table(my_likes)
groups <- searchGroup("ipl2018",token)
groups # printing output
 getpagedata = getpage (1419443995014710, token=token, n=10)
 getpagedata = getPage (1419443995014710, token=token, n=10)
getpagedata
grouppagedata # printing output
getpagedata # printing output
news <- getNewsfeed(token=token)
news <- getNewsfeed(token="token")
q()
view(my_likes)
View(my_likes)
install.packages("Rfacebook")
library(Rfacebook)
install.packages("RCurl")
library(RCurl)
token <-
"EAACEdEose0cBAGJZATWXaQf9I5sPOWxho5Xf8TZCsIZAgankxOrZCRXZBn3uPAUDgSjrLA2
incIB4KA0pMokrX5YpkFuWoZBPPG91NZBE4jmVFnLSRJ1ltQcsqhuorQCPYrIQMPt6Na3wqnK
tVonfnpf0Ce09c2OaGHTMvjipGCZACbpNenROGd3ABwOCAZBseZAkKLVKO6SiWAwZDZD"
me <- getUsers("me",token,private_info = T)
me$name
me$hometown
my_likes <- getLikes(user="me" ,token="token")
my_likes <- getLikes(user="me" ,token=token)
View(my_likes)
groups <- searchGroup("ipl2018",token)
View(groups)
 getpagedata = getPage (2346211838938021, token=token, n=100)
View(getpagedata)
news <- getNewsfeed(token=token)
news <- getNewsfeed(token="token")
news <- getNewsfeed(url= "2346211838938021", token=token)
news <- getNewsfeed(url= "https://www.facebook.com/sportsindia.club/",
token=token)
me <- getUsers("me",token,private_info = T)
me$about
me$address
me$birthday
my_comments <- getComments(user="me" ,token=token)
post <- getPost(2346211838938021, token=token, n.comments=1000,
n.likes=1000)
my_friends <- getFriends(token=token, simplify=TRUE)
View(my_friends)
my_friends <- getFriends(token=token, simplify=TRUE)
my_friends <- ?getFriends(token=token, simplify=TRUE)
View(my_friends)
q()
```

```r
install.packages("ROAuth")
library(ROAuth)
 getpagedata = getPage (2346211838938021, token=token, n=100)
 getpagedata = getPage (2346211838938021, token=token, n=100)
 getpagedata = getPost (2346211838938021, token=token, n=100)
install.packages("Rfacebook")
library(Rfacebook)
install.packages("RCurl")
library(RCurl)
library(RCurl)
install.packages("RCurl")
library(RCurl)
library(RCurl))
library(RCurl)
token <-
"EAACEdEose0cBAGJZATWXaQf9I5sPOWxho5Xf8TZCsIZAgankxOrZCRXZBn3uPAUDgSjrLA2
incIB4KA0pMokrX5YpkFuWoZBPPG91NZBE4jmVFnLSRJ1ltQcsqhuorQCPYrIQMPt6Na3wqnK
tVonfnpf0Ce09c2OaGHTMvjipGCZACbpNenROGd3ABwOCAZBseZAkKLVKO6SiWAwZDZD"
 getpagedata = getPage (2346211838938021, token=token, n=100)
getpagedata[3]
post <- getPost(post=getpagedata$id[4], token=token)
post <- getPost(post=getpagedata$id, token=token)
post <- getPost(post=getpagedata$id[2], token=token)
q()
install.package("RCurl")
install.packages("RCurl")
library(RCurl)
library("tm")
library("rjson")
url <- curl -i -X GET \

"https://graph.facebook.com/v2.12/1038385429633552/comments?access_token=
EAACEdEose0cBAPhXxlDi9hd64OdDHtcTZBkjNlr9ZAlGaWUJpvVrQS9lWg9Y8idPhXu9jZCq
yhINoIOIeQEVpU69DGTVUZAZA9nT9AIYv1f6IUc2LxF9JM9ydqZCFQep5ZByi6JZCOM11x9uy
9TOSFnyH00JSfjgSN6ySSKIXxQYAiCKbJCZBElXGmNpAlfpLpAF36EGXiIJytQZDZD"
d <-getURL(url);
d <-getURL(url)
d <- getURL(url)
curl -i -X GET \
j<- fromJSON(d)
j<- fromJSON(url)
install.packages("ctv")
library("ctv")
install.package("RCurl")
library(RCurl)
library("tm")
library("rjson")

"https://graph.facebook.com/v2.12/1038385429633552/comments?access_token=
EAACEdEose0cBAPhXxlDi9hd64OdDHtcTZBkjNlr9ZAlGaWUJpvVrQS9lWg9Y8idPhXu9jZCq
yhINoIOIeQEVpU69DGTVUZAZA9nT9AIYv1f6IUc2LxF9JM9ydqZCFQep5ZByi6JZCOM11x9uy
9TOSFnyH00JSfjgSN6ySSKIXxQYAiCKbJCZBElXGmNpAlfpLpAF36EGXiIJytQZDZD"
d <-getURL(url)
install.views("NaturalLanguageProcessing")
d <-getURL(url)
q()
install.packages("Rfacebook")
library(Rfacebook)
```

```
token <-
"EAACEdEose0cBAEFSemyTahqgoSi6vkuUOZCbSueZB2xxXkzqrjUCBknEsF4kNgowirK4ZB0
mFPZBOnHiluCnCPTHZA61FQIyojJabtRVWOUq8FXMQKeIEJDMNj2MYMd2n6uk4cJvbKwRnMPS
INSIY9Wv1wRKcLRZAOZCRwZB5AhVHjtT28S3kePROfmsiKeN9lLKV7r2HlhZBGgZDZD"
getPost(post, token, n = 500, comments = TRUE, likes = (!reactions),
  reactions = FALSE, n.likes = n, n.comments = n, n.reactions = n,
getPost(post, token, n = 500, comments = TRUE, likes = (!reactions),
  reactions = FALSE, n.likes = n, n.comments = n, n.reactions = n,
getPost(post, token, n = 500, comments = TRUE, likes = (!reactions),
  reactions = FALSE, n.likes = n, n.comments = n, n.reactions = n,
getPost(post, token, n = 500, comments = TRUE, likes = (!reactions),
  reactions = FALSE, n.likes = n, n.comments = n, n.reactions = n,
q()
install.packages("Rfacebook")
library(Rfacebook)
token <-
"EAACEdEose0cBAEFSemyTahqgoSi6vkuUOZCbSueZB2xxXkzqrjUCBknEsF4kNgowirK4ZB0
mFPZBOnHiluCnCPTHZA61FQIyojJabtRVWOUq8FXMQKeIEJDMNj2MYMd2n6uk4cJvbKwRnMPS
INSIY9Wv1wRKcLRZAOZCRwZB5AhVHjtT28S3kePROfmsiKeN9lLKV7r2HlhZBGgZDZD"
getPost(2346211838938021, n=500 , comments=TRUE , likes=(!reactions),
reactions=FALSE, n.likes=n , n.comments=n , n.reactions=n, api=NULL)
getPost(80794172146454, n=500 , comments=TRUE , likes=(!reactions),
reactions=FALSE, n.likes=n , n.comments=n , n.reactions=n, api=NULL)
 getpagedata = getPage (2346211838938021, token=token, n=100)
View(getpagedata)
getPost(80794172146454, n=100 , comments=TRUE , likes=(!reactions),
reactions=FALSE, n.likes=n , n.comments=n , n.reactions=n, api=NULL)
getPost(80794172146454, n=5 , comments=TRUE , likes=(!reactions),
reactions=FALSE, n.likes=n , n.comments=n , n.reactions=n, api=NULL)
View(getpagedata)
d <- getpagedata[1]
View(d)
d <- getpagedata[2}
d <- getpagedata[2]
View(d)
library("RCurl")
library("tm")
library("rjson")
url <- "curl -i -X GET \"

"https://graph.facebook.com/v2.12/2410807979145073/comments?access_token=
EAACEdEose0cBAEFSemyTahqgoSi6vkuUOZCbSueZB2xxXkzqrjUCBknEsF4kNgowirK4ZB0m
FPZBOnHiluCnCPTHZA61FQIyojJabtRVWOUq8FXMQKeIEJDMNj2MYMd2n6uk4cJvbKwRnMPSI
NSIY9Wv1wRKcLRZAOZCRwZB5AhVHjtT28S3kePROfmsiKeN9lLKV7r2HlhZBGgZDZD"
url<-
"https://graph.facebook.com/v2.12/2410807979145073/comments?access_token=
EAACEdEose0cBAEFSemyTahqgoSi6vkuUOZCbSueZB2xxXkzqrjUCBknEsF4kNgowirK4ZB0m
FPZBOnHiluCnCPTHZA61FQIyojJabtRVWOUq8FXMQKeIEJDMNj2MYMd2n6uk4cJvbKwRnMPSI
NSIY9Wv1wRKcLRZAOZCRwZB5AhVHjtT28S3kePROfmsiKeN9lLKV7r2HlhZBGgZDZD"
url
View(url)
d<- getURL(url)
j<- fromJSON(d)
comments <- sapply(j$data,function(j) {list(comment=j$message)
comments <- sapply(j$data,function(j) {list(comment=j$message)})
View(comments)
print(comments)
comments <- sapply(j$data,function(j) {list(comment=j$message)})
```

```r
Cleanedcomments <- sapply(comments, function(x) iconv(enc2utf8(x), sub=
"byte"))
my_corpus <- Corpus(VectorSource(Cleanedcomments))
my_function <- content_transformer(function (x, pattern) gsub(pattern,"
",x))
my_cleaned_corpus <- tm_map(my_corpus , my_function. "/")
my_cleaned_corpus <- tm_map(my_corpus , my_function, "/")
my_cleaned_corpus <-  tm_map(my_cleaned_corpus , my_function, "@")
my_cleaned_corpus <-  tm_map(my_cleaned_corpus , my_function, "@")
my_cleaned_corpus <-  tm_map(my_cleaned_corpus , my_function, "@")
 my_cleaned_corpus <-  tm_map(my_cleaned_corpus , my_function, "\\|")
my_cleaned_corpus <- tm_map(my_cleaned_corpus ,
content_transformer(tolower))
my_cleaned_corpus <- tm_map(my_cleanes_corpus , removeWords ,
c(stopWords("english"),"with","in","of","at"))
my_cleaned_corpus <- tm_map(my_cleaned_corpus , removeWords ,
c(stopWords("english"),"with","in","of","at"))
my_cleaned_corpus <- tm_map(my_cleaned_corpus , removeWords ,
c(stopwords("english"),"with","in","of","at"))
my_cleaned_corpus <- tm_map(my_cleaned_corpus , removePunctuation)
my_cleaned_corpus <- tm_map(my_cleaned_corpus , stripwhitespace)
my_cleaned_corpus <- tm_map(my_cleaned_corpus , stripWhitespace)
my_tdm <- TermDocumentMatrix(my_cleaned_corpus)
m <- as.matrix(my_tdm)
View(m)
words <- sort(rowSums(m),decreasing=TRUE)
my_data <- data.frame(word = name(words) , freq=words)
my_data <- data.frame(word = names(words) , freq=words)
View(my_data)
my_data
library(wordcloud)
wordcloud(words = my_data$word , freq = my_data$freq , min.freq=2 ,
max.words=100 , random.order=FALSE , rot.per=0.35 , colors=brewer.pal(8,
"Dark2"))
wordcloud(words = my_data$word , freq = my_data$freq , min.freq=2 ,
max.words=500 , random.order=FALSE , rot.per=0.35 , colors=brewer.pal(8,
"Dark2"))
wordcloud(words = my_data$word , freq = my_data$freq , min.freq=1 ,
max.words=1000 , random.order=FALSE , rot.per=0.35 , colors=brewer.pal(8,
"Dark2"))
wordcloud(words = my_data$word , freq = my_data$freq , min.freq=2 ,
max.words=1000 , random.order=FALSE , rot.per=0.35 , colors=brewer.pal(8,
"Dark2"))
wordcloud(words = my_data$word , freq = my_data$freq , min.freq=2 ,
max.words=1000 , random.order=FALSE , rot.per=0.35 , colors=brewer.pal(8,
"Dark2"))
wordcloud(words = my_data$word , freq = my_data$freq , min.freq=2 ,
max.words=500 , random.order=FALSE , rot.per=0.35 , colors=brewer.pal(8,
"Dark2"))
wordcloud(words = my_data$word , freq = my_data$freq , min.freq=2 ,
max.words=1000 , random.order=FALSE , rot.per=0.35 , colors=brewer.pal(8,
"Dark2"))
save.image("C:\\Users\\akhila\\Desktop\\wordcloud")
findFreqTerms(m, lowfreq=2)
library("RSiteCatalyst")
library("RTextTools")
library(RSiteCatalyst)
library(RsiteCatalyst)
```

```r
library(RSiteCatalyst)
library(Cran)
library("RSiteCatalyst")
SCAuth(<username:company>, <shared secret>)
dtm = DocumentTermMatrix(corpus, control =
list(tolower=TRUE, stemming = TRUE, stopwords = FALSE,
minwordLength = 3, removeNumbers = TRUE,
dtm = DocumentTermMatrix(corpus, control =
list(tolower=TRUE, stemming = TRUE, stopwords = FALSE,
minwordLength = 3, removeNumbers = TRUE,
dtm = DocumentTermMatrix(my_cleaned_corpus, control = list(tolower=TRUE,
stemming = TRUE, stopwords = FALSE, minwordLength = 3, removeNumbers =
TRUE, removePunctuation = TRUE,bounds = list(global = c(5,Inf))))
term.freq <- colSums(as.matrix(dtm))
term.freq <- subset(term.freq, term.freq >= 100)
df <- data.frame(term = names(term.freq), freq = term.freq)
library(ggplot2)
ggplot(df, aes(x = term, y = freq)) + geom_bar(stat = "identity")
+xlab("Terms") + ylab("Count") + coord_flip()
ggplot(df, aes(x = term, y = freq)) + geom_bar(stat = "identity")
+xlab("Terms") + ylab("Count") + coord_flip()
ggplot(my_data, aes(x = term, y = freq)) + geom_bar(stat = "identity")
+xlab("Terms") + ylab("Count") + coord_flip()
my_cleaned_corpus
View(my_cleaned_corpus)
dtm = DocumentTermMatrix(my_cleaned_corpus)
term.freq<- ColSums(as.matrix(dtm))
term.freq<- colSums(as.matrix(dtm))
term.freq <- subset(term.freq, term.freq >= 1000)
df <- data.frame(term = names(term.freq), freq = term.freq)
library(ggplot2)
ggplot(df, aes(x = term, y = freq)) + geom_bar(stat = "identity")
+xlab("Terms") + ylab("Count") + coord_flip()
term.freq <- subset(term.freq, term.freq >= 2)
df <- data.frame(term = names(term.freq), freq = term.freq)
ggplot(df, aes(x = term, y = freq)) + geom_bar(stat = "identity")
+xlab("Terms") + ylab("Count") + coord_flip()
findFreqTerms(my_tdm,lowfreq=1)
head(my_data, 10)
barplot(d[1:10,]$freq, las = 2, names.arg = d[1:10,]$word,
        col ="lightblue", main ="Most frequent words",
barplot(my_data[1:10,]$freq, las = 2, names.arg = d[1:10,]$word, col
="lightblue", main ="Most frequent words", ylab = "Word frequencies")
barplot(my_data[1:10]$freq, las = 2, names.arg = d[1:10,]$word, col
="lightblue", main ="Most frequent words", ylab = "Word frequencies")
ggplot(my_data, aes(x = term, y = freq)) + geom_bar(stat = "identity")
+xlab("Terms") + ylab("Count") + coord_flip()
ggplot(my_data, aes(x = term, y = freq)) + geom_bar(stat = "identity")
+xlab("Terms") + ylab("Count") + coord_flip()
barplot(my_data[1:10,]$freq, las = 2, names.arg = my_data[1:10,]$word,
col ="lightblue", main ="Most frequent words", ylab = "Word frequencies")
td.mat <- as.matrix(my_tdm)
dist.mat <- dist(as.matrix(td.mat))
h <- hclust(dist.mat, method = "ward.D")
pdf("Large_TSE.pdf", width=40, height=15)
par(cex=0.7, mar=c(5, 8, 4, 1))
plot(h, labels = titles, sub = "")
plot(h, labels = rcb, sub = "")
```

```
plot(h, labels = id, sub = "")
View(my_data)
plot(h, labels = freq, sub = "")
View(comments)
plot(h, labels = comments, sub = "")
dev.off()
plot(h, labels = ipl, sub = "")
plot(h, labels = titles, sub = "")
save.image("C:\\Users\\akhila\\Desktop\\termmat")
q()
my_cleaned_corpus <- tm_map(my_cleaned_corpus , stripWhitespace)
library(Rfacebook)
library(Rcurl)
library(RCurl)
library(tm)
library(rjson)
library(Rsitecatalyst)
library(RsiteCatalyst)
library(RsiteCatalyst)
library(RSiteCatalyst)
library(RSitecatalyst)
library("RTextTools")
searchkeywords <- QueueRanked(<report_suite>, "2013-02-01","2013-09-16",
c("entries", "visits", "pageviews", "instances", "bounces"),
"searchenginenaturalkeyword", top="100000", startingWith = "1")
post <- getReactions(post=2346211838938021, token=token)
token <-
"EAACEdEose0cBAPs0ogMGUReDFABBBZAOjDhh0ZArr9hoi2fpMbF0sZCAyV9nubIEB6bPMXt
jhECvKxcw6aI9GxGkHBV2fm56zsvZCfaV1M5KDgqEGPPZAVnetnjPnaIBszwQl14QUU0sKQbE
mugazNpZBtjJf0c31iKvbGDledgZB5jWNkl5jRZCxgbfGjr0ruwZD"
post <- getReactions(post=2346211838938021, token=token)
post <- getReactions(post=2410807979145073, token=token)
View
View(post)
post <- getReactions(post=2410807979145073, token=token)
View
post <- getReactions(post=2410807979145073, token=token)
View(post)
post
print(post)
save.image("C:\\Users\\akhila\\Desktop\\aki")
q()
token <-
"EAACEdEose0cBAPs0ogMGUReDFABBBZAOjDhh0ZArr9hoi2fpMbF0sZCAyV9nubIEB6bPMXt
jhECvKxcw6aI9GxGkHBV2fm56zsvZCfaV1M5KDgqEGPPZAVnetnjPnaIBszwQl14QUU0sKQbE
mugazNpZBtjJf0c31iKvbGDledgZB5jWNkl5jRZCxgbfGjr0ruwZD"
post <- getReactions(post=2410807979145073, token=token)
getpost <-getReactions(post=2408875712671633, token=token)
getPost(2408875712671633, token, n = 500, comments = TRUE, likes =
(!reactions), reactions = FALSE, n.likes = n, n.comments = n, n.reactions
= n, api = NULL)
library(Rfacebook)
library(RCurl)
library(tm)
token <-
"EAACEdEose0cBAPs0ogMGUReDFABBBZAOjDhh0ZArr9hoi2fpMbF0sZCAyV9nubIEB6bPMXt
jhECvKxcw6aI9GxGkHBV2fm56zsvZCfaV1M5KDgqEGPPZAVnetnjPnaIBszwQl14QUU0sKQbE
mugazNpZBtjJf0c31iKvbGDledgZB5jWNkl5jRZCxgbfGjr0ruwZD"
```

```
post <- getReactions(post=2410807979145073, token=token)
getPost(2408875712671633, token, n = 500, comments = TRUE, likes =
(!reactions), reactions$ = FALSE, n.likes = n, n.comments = n, n.reactions
= n, api = NULL)
post <- getReactions(post=2410807979145073, token=token)
page <- getPage(2410807979145073, token, n=25, reactions=TRUE, api='2.9')
token <-
"EAACEdEose0cBAPs0ogMGUReDFABBBZAOjDhh0ZArr9hoi2fpMbF0sZCAyV9nubIEB6bPMXt
jhECvKxcw6aI9GxGkHBV2fm56zsvZCfaV1M5KDgqEGPPZAVnetnjPnaIBszwQl14QUU0sKQbE
mugazNpZBtjJf0c31iKvbGDledgZB5jWNkl5jRZCxgbfGjr0ruwZD"
page <- getPage(2410807979145073, token, n=25, reactions=TRUE, api='2.9')
q()
library(Rfacebook)
library(RCurl)
library(tm)
token <-
"EAACEdEose0cBAPs0ogMGUReDFABBBZAOjDhh0ZArr9hoi2fpMbF0sZCAyV9nubIEB6bPMXt
jhECvKxcw6aI9GxGkHBV2fm56zsvZCfaV1M5KDgqEGPPZAVnetnjPnaIBszwQl14QUU0sKQbE
mugazNpZBtjJf0c31iKvbGDledgZB5jWNkl5jRZCxgbfGjr0ruwZD"
token <-
"EAACEdEose0cBAMF1eQ9kG61ZAZAiqF2U6EZAU7InmzzG1NpE3gzI4DYxeX5VNIKKNaoJure
XkF31bVCWlX2XXDnYBSvdJfYMpkPMgvf3mmekOmVzcsgIZBTDGsu4JM8ncySyeZB4l8k72F3U
Pj6tLgw4TbMzRda2ZBbIkYW2jUHPX6i4HYh4vNk6jSi2mrdTYZD"
 getpagedata = getPage (2346211838938021, token=token, n=100)
urrl <- "curl -i -X GET \"

"https://graph.facebook.com/v2.12/2380794172146454/comments?access_token=
EAACEdEose0cBAMF1eQ9kG61ZAZAiqF2U6EZAU7InmzzG1NpE3gzI4DYxeX5VNIKKNaoJureX
kF31bVCWlX2XXDnYBSvdJfYMpkPMgvf3mmekOmVzcsgIZBTDGsu4JM8ncySyeZB4l8k72F3UP
j6tLgw4TbMzRda2ZBbIkYW2jUHPX6i4HYh4vNk6jSi2mrdTYZD"
url <-
"https://graph.facebook.com/v2.12/2380794172146454/comments?access_token=
EAACEdEose0cBAMF1eQ9kG61ZAZAiqF2U6EZAU7InmzzG1NpE3gzI4DYxeX5VNIKKNaoJureX
kF31bVCWlX2XXDnYBSvdJfYMpkPMgvf3mmekOmVzcsgIZBTDGsu4JM8ncySyeZB4l8k72F3UP
j6tLgw4TbMzRda2ZBbIkYW2jUHPX6i4HYh4vNk6jSi2mrdTYZD"
url
d<- getURL(url)
j<- fromJSON(d)
comments <- sapply(j$data,function(j) {list(comment=j$message)})
 View(comments)
comments <- sapply(j$data,function(j) {list(comment=j$message)})
 Cleanedcomments <- sapply(comments, function(x) iconv(enc2utf8(x), sub=
"byte"))
 my_corpus <- Corpus(VectorSource(Cleanedcomments))
 my_function <- content_transformer(function (x, pattern) gsub(pattern,"
",x))
my_cleaned_corpus <- tm_map(my_corpus , my_function. "/")
my_cleaned_corpus <-  tm_map(my_cleaned_corpus , my_function, "@")
 my_cleaned_corpus <-  tm_map(my_cleaned_corpus , my_function, "\\|")
 my_cleaned_corpus <- tm_map(my_cleaned_corpus ,
content_transformer(tolower))
 my_cleaned_corpus <- tm_map(my_cleanes_corpus , removeWords ,
c(stopwords("english"),"with","in","of","at"))
 my_cleaned_corpus <- tm_map(my_cleaned_corpus , removePunctuation)
comments <- sapply(j$data,function(j) {list(comment=j$message)})
 Cleanedcomments <- sapply(comments, function(x) iconv(enc2utf8(x), sub=
"byte"))
 my_corpus <- Corpus(VectorSource(Cleanedcomments))
```

```r
 my_function <- content_transformer(function (x, pattern) gsub(pattern,"
 ",x))
my_cleaned_corpus <- tm_map(my_corpus , my_function. "/")
my_cleaned_corpus <- tm_map(my_corpus , my_function, "/")
my_cleaned_corpus <-  tm_map(my_cleaned_corpus , my_function, "@")
 my_cleaned_corpus <-  tm_map(my_cleaned_corpus , my_function, "\\|")
 my_cleaned_corpus <- tm_map(my_cleaned_corpus ,
content_transformer(tolower))
 my_cleaned_corpus <- tm_map(my_cleanes_corpus , removeWords ,
c(stopwords("english"),"with","in","of","at"))
 my_cleaned_corpus <- tm_map(my_cleaned_corpus , removeWords ,
c(stopwords("english"),"with","in","of","at"))
 my_cleaned_corpus <- tm_map(my_cleaned_corpus , removePunctuation)
my_cleaned_corpus <- tm_map(my_cleaned_corpus , stripWhitespace)
inspect(my_cleaned_corpus)
 my_tdm <- TermDocumentMatrix(my_cleaned_corpus)
 m <- as.matrix(my_tdm)
 View(m)
 words <- sort(rowSums(m),decreasing=TRUE)
 my_data <- data.frame(word = names(words) , freq=words)
 View(my_data)
 View(my_data)
library(wordcloud)
wordcloud(words = my_data$word , freq = my_data$freq , min.freq=2 ,
max.words=500 , random.order=FALSE , rot.per=0.35 , colors=brewer.pal(8,
"Dark2"))
wordcloud(words = my_data$word , freq = my_data$freq , min.freq=2 ,
max.words=1000 , random.order=FALSE , rot.per=0.35 , colors=brewer.pal(8,
"Dark2"))
wordcloud(words = my_data$word , freq = my_data$freq , min.freq=1 ,
max.words=1000 , random.order=FALSE , rot.per=0.35 , colors=brewer.pal(8,
"Dark2"))
 my_cleaned_corpus <- tm_map(my_cleaned_corpus , removeWords ,
c(stopwords("english"),"with","in","of","at","can"))
 my_tdm <- TermDocumentMatrix(my_cleaned_corpus)
 m <- as.matrix(my_tdm)
 View(m)
 words <- sort(rowSums(m),decreasing=TRUE)
 View(my_data)
library(wordcloud)
wordcloud(words = my_data$word , freq = my_data$freq , min.freq=1 ,
max.words=1000 , random.order=FALSE , rot.per=0.35 , colors=brewer.pal(8,
"Dark2"))
comments <- sapply(j$data,function(j) {list(comment=j$message)})
 Cleanedcomments <- sapply(comments, function(x) iconv(enc2utf8(x), sub=
"byte"))
 my_corpus <- Corpus(VectorSource(Cleanedcomments))
 my_function <- content_transformer(function (x, pattern) gsub(pattern,"
 ",x))
my_cleaned_corpus <- tm_map(my_corpus , my_function, "/")
my_cleaned_corpus <-  tm_map(my_cleaned_corpus , my_function, "@")
 my_cleaned_corpus <-  tm_map(my_cleaned_corpus , my_function, "\\|")
 my_cleaned_corpus <- tm_map(my_cleaned_corpus ,
content_transformer(tolower))
 my_cleaned_corpus <- tm_map(my_cleaned_corpus , removeWords ,
c(stopwords("english"),"with","in","of","at","can"))
 my_cleaned_corpus <- tm_map(my_cleaned_corpus , removePunctuation)
my_cleaned_corpus <- tm_map(my_cleaned_corpus , stripWhitespace)
```

```
my_tdm <- TermDocumentMatrix(my_cleaned_corpus)
 m <- as.matrix(my_tdm)
 View(m)
 words <- sort(rowSums(m),decreasing=TRUE)
 my_data <- data.frame(word = names(words) , freq=words)
 View(my_data)
library(wordcloud)
wordcloud(words = my_data$word , freq = my_data$freq , min.freq=1 ,
max.words=1000 , random.order=FALSE , rot.per=0.35 , colors=brewer.pal(8,
"Dark2"))
wordcloud(words = my_data$word , freq = my_data$freq , min.freq=1 ,
max.words=1000 , random.order=FALSE , rot.per=0.35 ,
colors=brewer.pal(10, "Dark2"))
wordcloud(words = my_data$word , freq = my_data$freq , min.freq=1 ,
max.words=1000 , min.freq=50,)
            scale=c(4,0.8),
wordcloud(words = my_data$word , freq = my_data$freq , min.freq=1 ,
max.words=1000 , scale=c(4,0.8), colors=pal)
pal <-brewer.pal(8,"Dark2")
wordcloud(words = my_data$word , freq = my_data$freq , min.freq=1 ,
max.words=1000 , scale=c(4,0.8), colors=pal)
wordcloud(words = my_data$word , freq = my_data$freq , min.freq=1 ,
max.words=1000 , random.order=FALSE , rot.per=0.35 , colors=brewer.pal(8,
"Dark2"))
findFreqTerms(my_tdm,lowfreq=1)
library(ggplot2)
  ggplot(my_data, aes(x = term, y = freq)) + geom_bar(stat = "identity")
+xlab("Terms") + ylab("Count") + coord_flip()
  ggplot(my_data, aes(x = term, y = freq)) + geom_bar(stat = "identity")
+xlab("Terms") + ylab("Count") + coord_flip())
plot(my_data)
barplot(my_data$freq, las = 2, names.arg = my_data$word, col
="lightblue", main ="Most frequent words", ylab = "Word frequencies")
qplot(my_data$word, my_data$freq, data=my_data, shape=am, color=am,
facets=gear~cyl, size=I(3), xlab="words", ylab="frequencies")
q()
plot(my_data)
library(datasets)
str(attitude)
summary(attitude)
dat = attitude[,c(3,4)]
plot(dat, main = "% of favourable responses to
     Learning and Privilege", pch =20, cex =2)
set.seed(7)
km1 = kmeans(dat, 2, nstart=100)
plot(dat, col =(km1$cluster +1) , main="K-Means result with 2 clusters",
pch=20, cex=2)
mydata <- dat
wss <- (nrow(mydata)-1)*sum(apply(mydata,2,var))
  for (i in 2:15) wss[i] <- sum(kmeans(mydata,
                                     centers=i)$withinss)
plot(1:15, wss, type="b", xlab="Number of Clusters",
     ylab="Within groups sum of squares",
     main="Assessing the Optimal Number of Clusters with the Elbow
Method",
     pch=20, cex=2)
set.seed(7)
km2 = kmeans(dat, 6, nstart=100)
```

```
km2
plot(dat, col =(km2$cluster +1) , main="K-Means result with 6 clusters",
pch=20, cex=2)
```