Sentimental Analysis

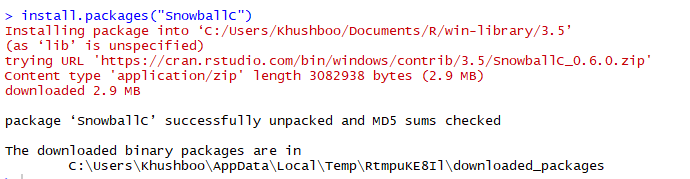
#  Install Requried Packages

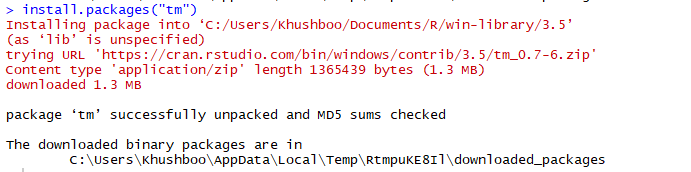
install.packages("SnowballC")

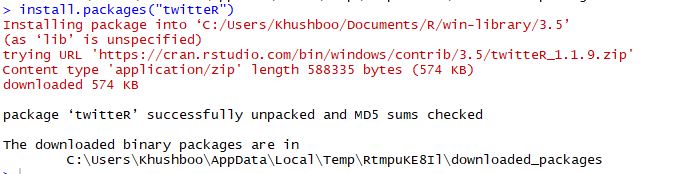
install.packages("tm") (used for text mining)

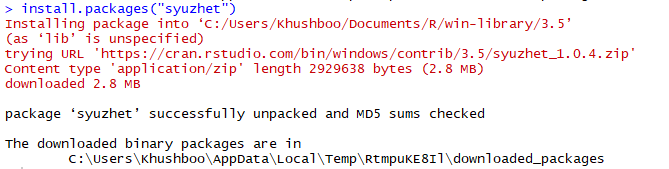
install.packages("twitteR")

install.packages("syuzhet") (contains 4 sentiment dictionaries)









# Load Requried Packages

library("SnowballC")

library("tm")

library("twitteR")

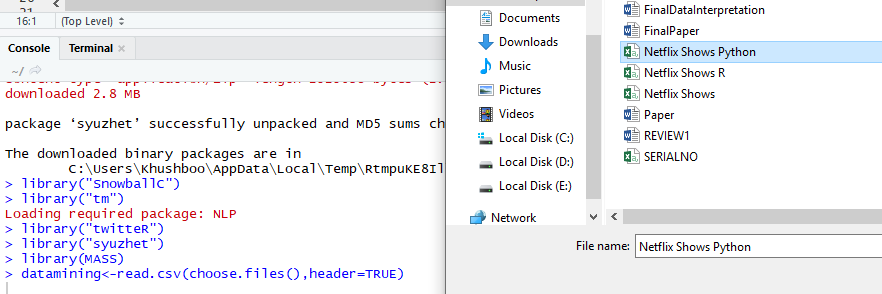
library("syuzhet")



library(MASS)

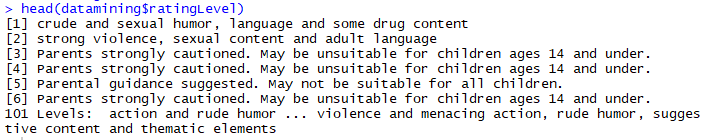
#Choosing the netflix shows csv file

datamining<-read.csv(choose.files(),header=TRUE)



#Head means top 6 rows

head(datamining$ratingLevel)



#this is calculate something please check internet

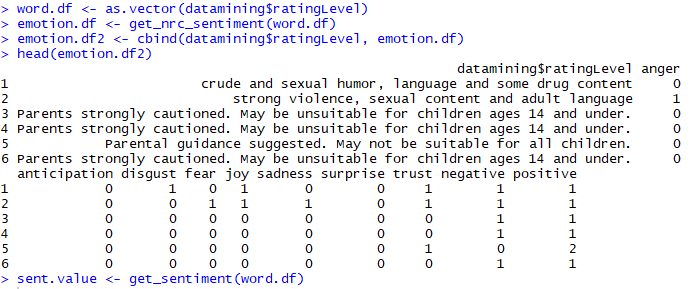
word.df <- as.vector(datamining$ratingLevel)

emotion.df <- get\_nrc\_sentiment(word.df)

emotion.df2 <- cbind(datamining$ratingLevel, emotion.df)

head(emotion.df2)

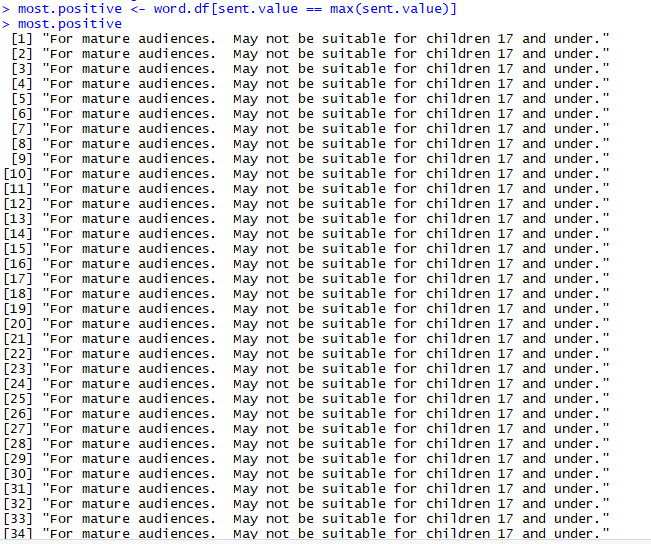
sent.value <- get\_sentiment(word.df)

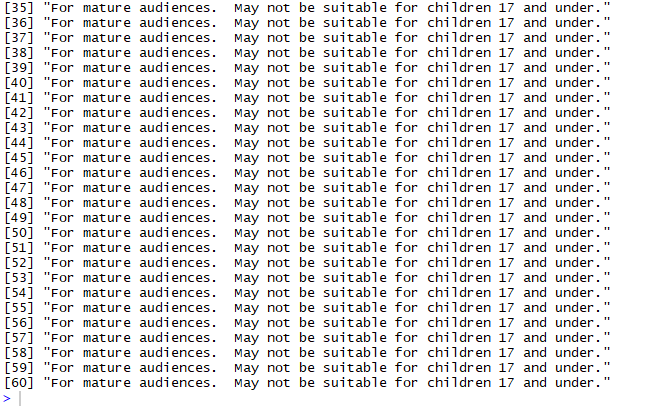


#calculating most positive accoding to the vaue

most.positive <- word.df[sent.value == max(sent.value)]

most.positive





most.negative <- word.df[sent.value <= min(sent.value)]

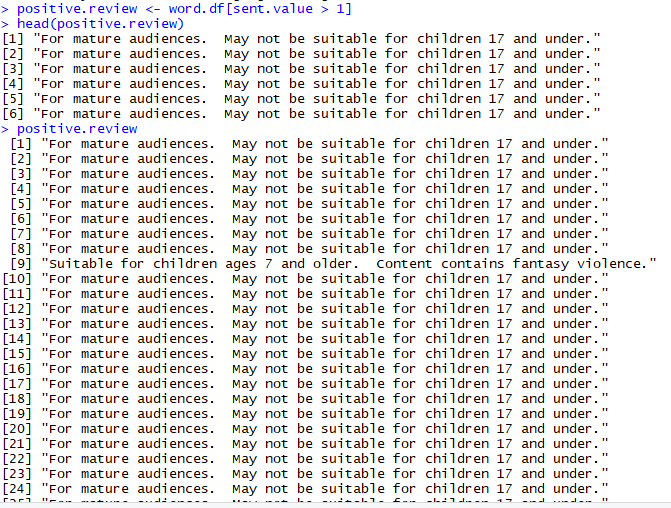
most.negative

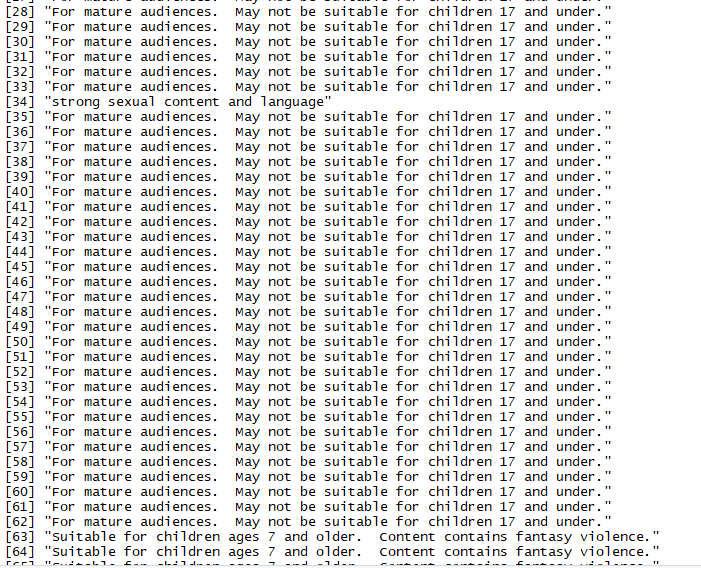


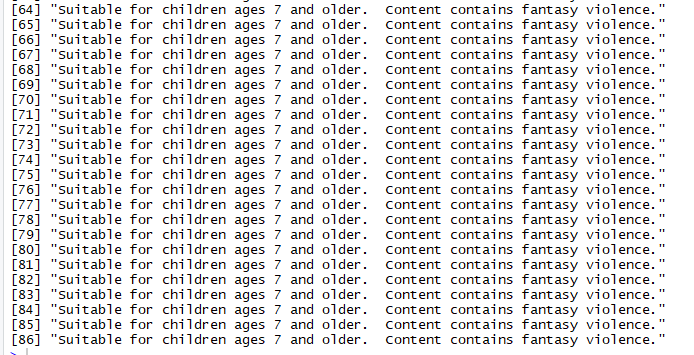
positive.review <- word.df[sent.value > 1]

head(positive.review)

positive.review



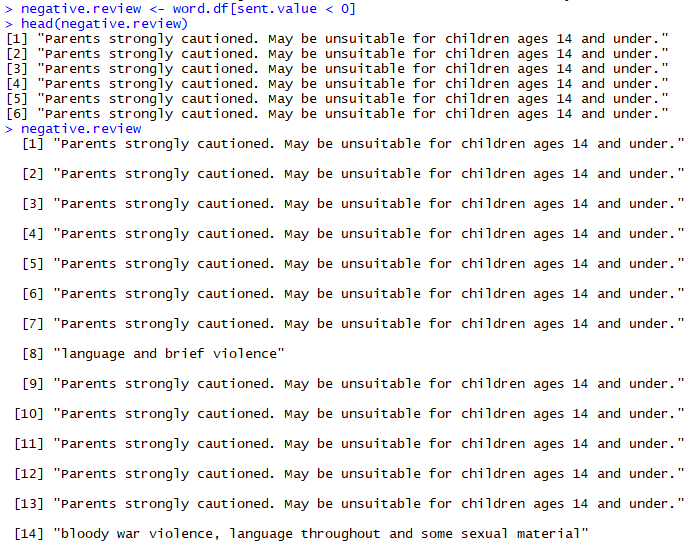


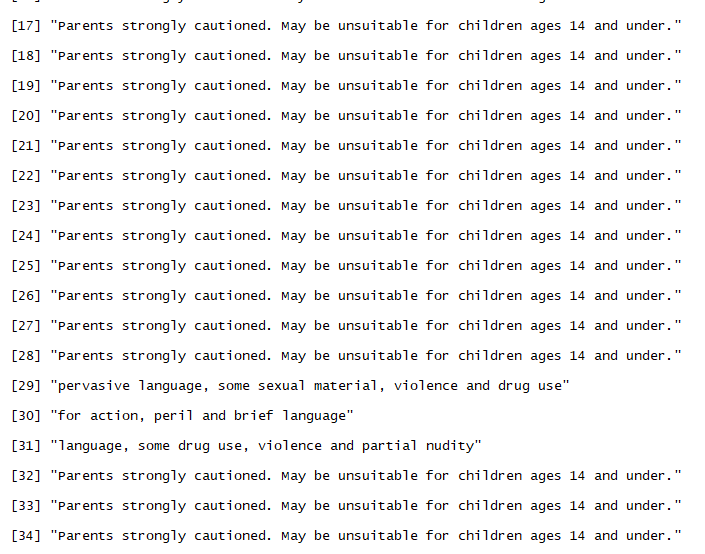


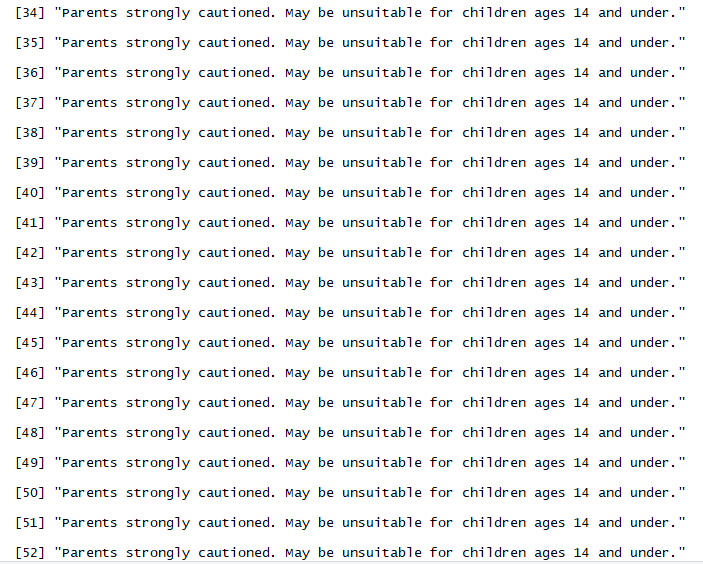
negative.review <- word.df[sent.value < 0]

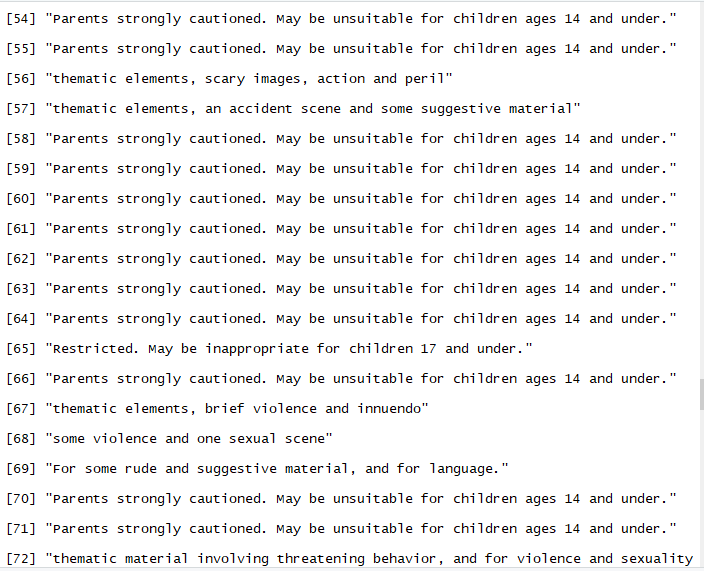
head(negative.review)

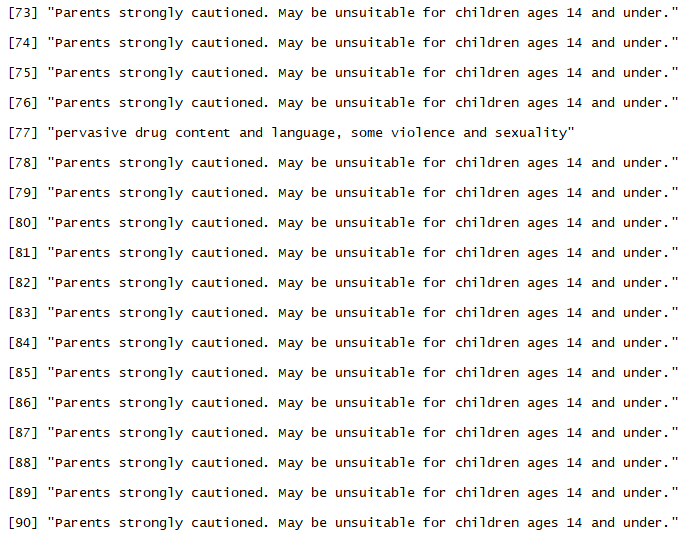
negative.review

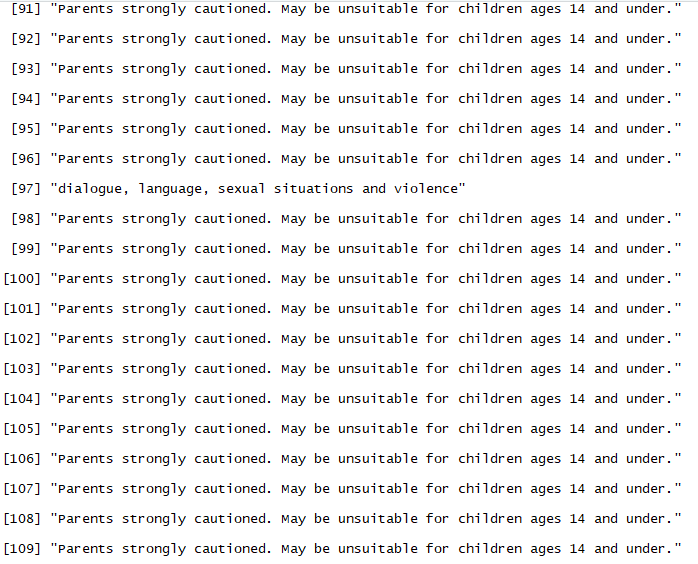


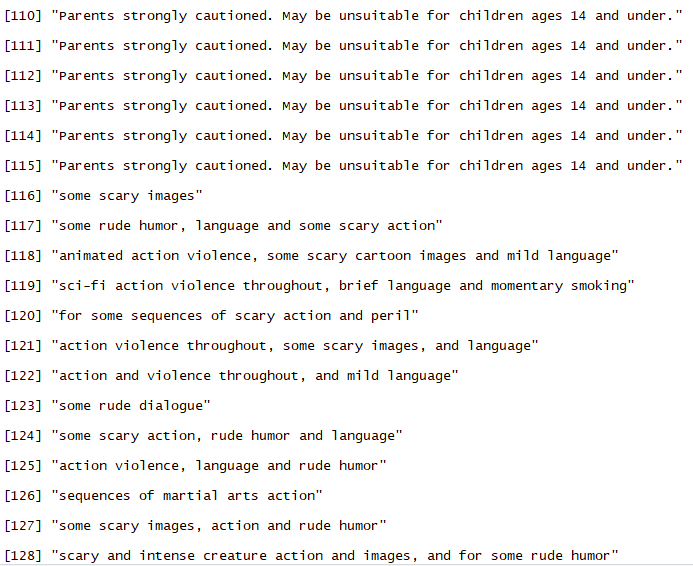


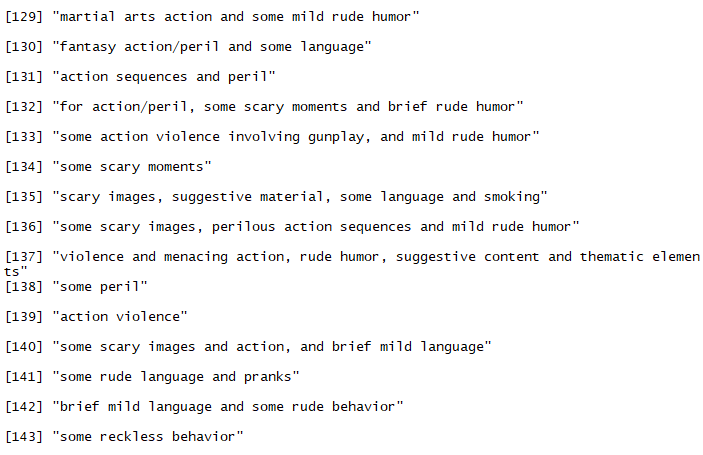












neutral.review <- word.df[sent.value == 0]

head(neutral.review)



# Alternate way to classify as Positive, Negative or Neutral reviews

category\_senti <- ifelse(sent.value < 1, "Negative", ifelse(sent.value > 0, "Positive", "Neutral"))

head(category\_senti)

category\_senti







ratinglevel<-(datamining$ratingLevel)

category\_senti2 <- cbind.data.frame(ratinglevel,category\_senti,sent.value)

category\_senti2

