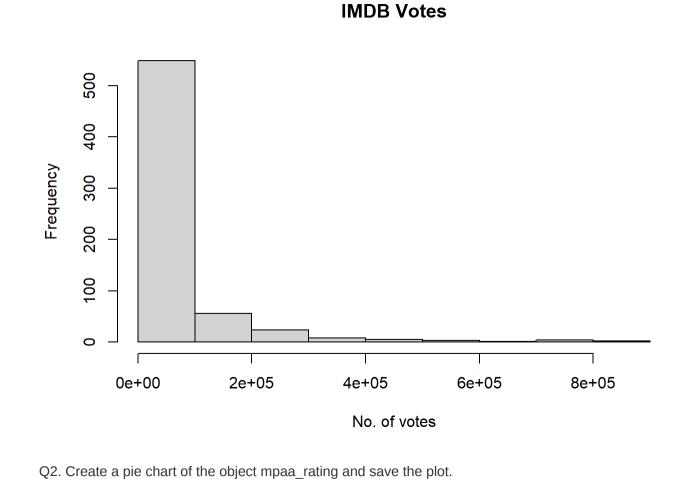
## 612303050 Deshmukh Mehmood Rehan's Assignment 2

Q1. Use the moviesData. Create a histogram of the object named imdb\_num\_votes in this file

moviesData = read.csv("moviesData.csv") hist(moviesData\$imdb\_num\_votes, main = "IMDB Votes", xlab = "No. of votes")



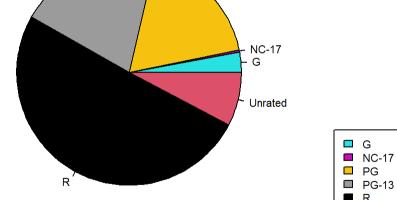
mpaa\_ratings\_table = table(mpaa\_ratings) pie(mpaa\_ratings\_table, col = 5:11, main = "MPAA Ratings", cex = 0.7)

mpaa\_ratings = factor(moviesData\$mpaa\_rating)

legend("bottomright", levels(mpaa\_ratings), fill = 5:11, cex = 0.7)

PG-13

**MPAA Ratings** 



NC-17

R Unrated

**Critics' Score** 

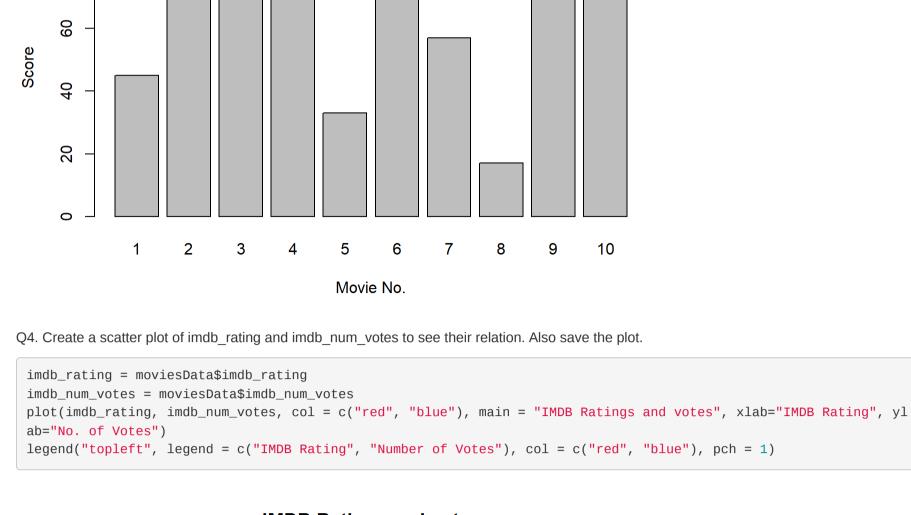
Q3. Read the file moviesData.csv Create a bar chart of critics\_score for the first 10 movies.

moviesData = read.csv("moviesData.csv")

score\_of\_critics = (moviesData\$critics\_score[1:10])

80

barplot(score\_of\_critics, main = "Critics' Score", names.arg = 1:10, xlab = "Movie No.", ylab = "Score")



**IMDB** Ratings and votes

IMDB Rating

10

 $\infty$ 

60000 70000

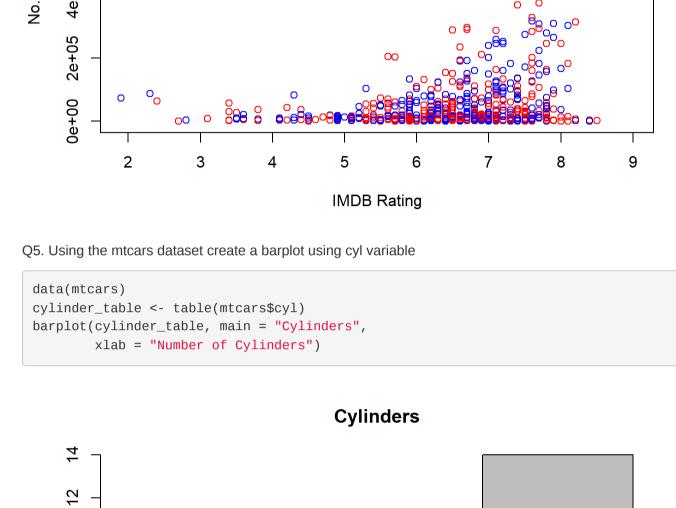
20000

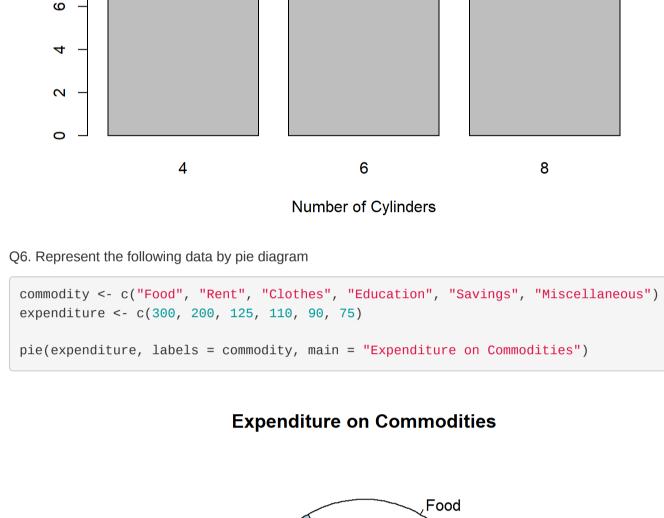
30000 40000

20000

10000

8e+05 Number of Votes 6e+05 4e+05





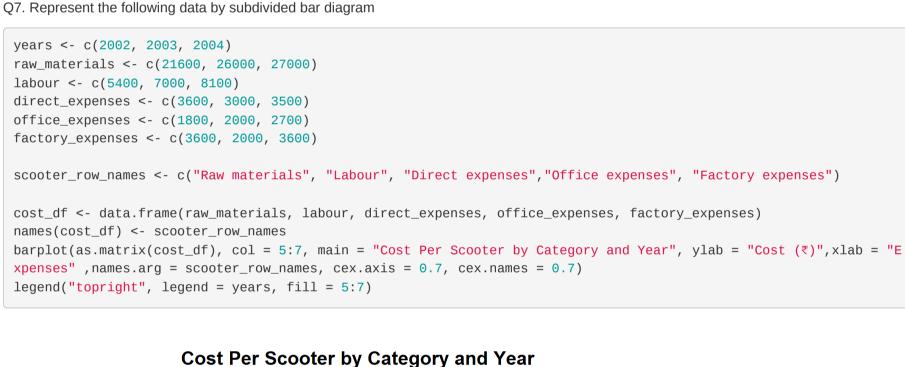
Rent

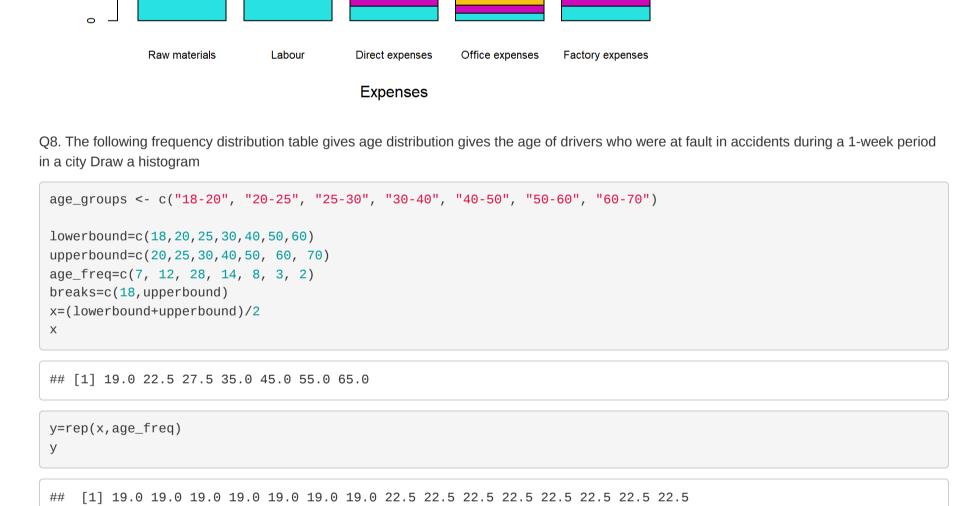
Clothes

Education

Savings

2002 **2003 2004** 





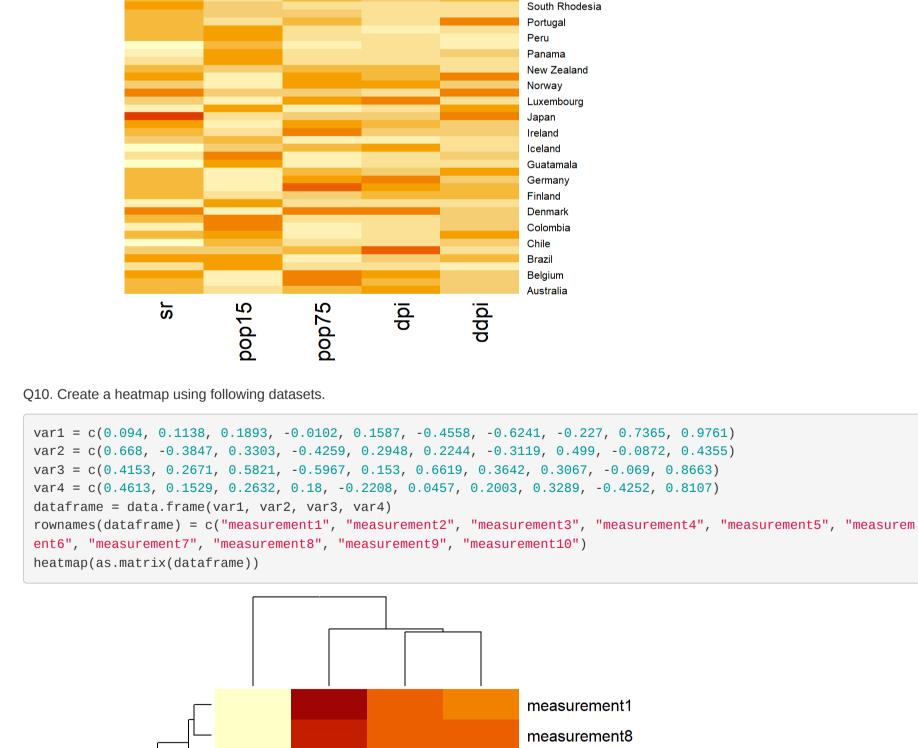
 $\#\# \ [46] \ 27.5 \ 27.5 \ 35.0 \ 35.0 \ 35.0 \ 35.0 \ 35.0 \ 35.0 \ 35.0 \ 35.0 \ 35.0 \ 35.0 \ 35.0 \ 35.0 \ 35.0$  $\#\# \ [61] \ 35.0 \ 45.0 \ 45.0 \ 45.0 \ 45.0 \ 45.0 \ 45.0 \ 45.0 \ 55.0 \ 55.0 \ 55.0 \ 65.0 \ 65.0$ 

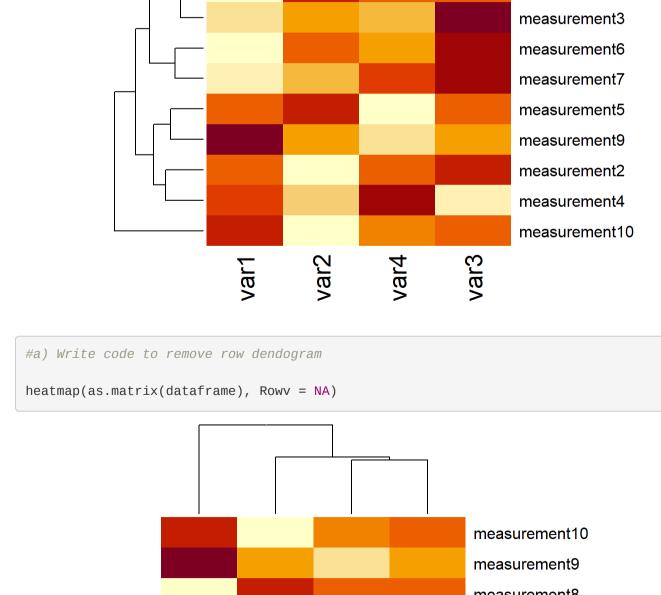
hist(y, breaks, main = "Age Distribution of Drivers at Fault in Accidents", xlab = "Age")

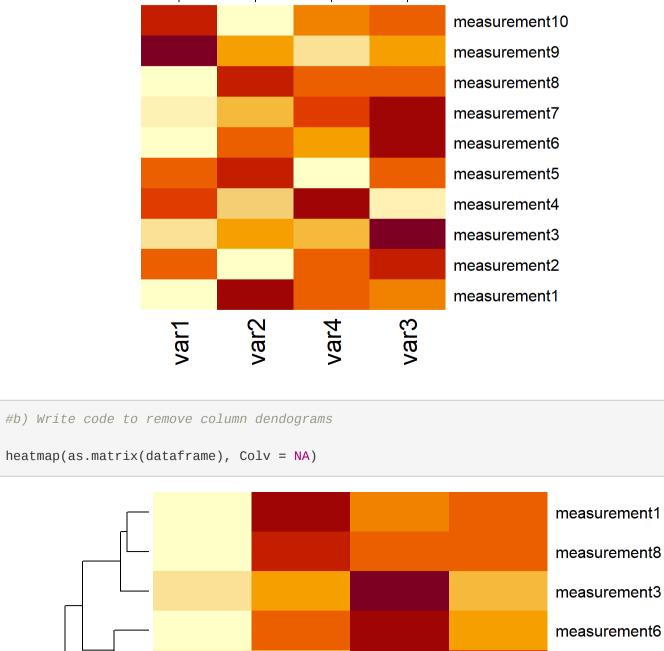
Age Distribution of Drivers at Fault in Accidents



Jamaica Venezuela United Kingdom Turkey Sweden







measurement7

measurement5

measurement9

measurement2

measurement4

measurement10