

R Graph Functions

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1
2 library(ggplot2) # must library ggplot2 to use it
3 library(dplyr) # must library dplyr to use it as well
4 heart <- read_csv("heart.csv") # reading in my csv file as heart
5 head(heart)
6 tail(heart)
7 glimpse(heart)
8
9 p <- ggplot(data=heart, aes(x = age , y = trestbps)) + #setting up a plot using age and
   resting blood pressure
10   geom_point() + # making a scatter plot
11   geom_smooth(method=lm) + # makes the trendline more readable
12   xlab("Age") + # setting the x-axis label
13   ylab('Resting Blood Pressure') + # setting the y-axis label
14   theme_classic() # setting the theme for the graph
15 p
16
17 Age <- heart$age # loading in age information from my csv file as Age
18 h <- hist(Age) # h wil hold a histogram of the age information
19 h
```