Intro to R

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## 1)

Use R to figure out how many elements in the vector below are greater than 2 . (You need to filter out the NAs first)

rooms <- c(1, 2, 1, 3, 1, NA, 3, 1, 3, 2, 1, NA, 1, 8, 3, 1, 4, NA, 1, 3, 1, 2, 1, 7, 1, NA)  
#filtering out NAs  
rooms <- rooms[!is.na(rooms)]  
  
#using indexing ([]) and length() to count the number of room elements above 2  
length(rooms[rooms>2])

## [1] 8

There are 8 elements above 2

## 2)

What is the result of running median() function on the above ‘rooms’ vector? (again, best remove the NAs)

pacman::p\_load(tidyverse)  
rooms %>% median()

## [1] 1.5

Median is 1.5

## 3)

Inside your R Project (.Rproj), install the ‘tidyverse’ package and use the download.file() and read\_csv() function to read the SAFI\_clean.csv dataset into your R project as ‘interviews’ digital object (see instructions in <https://datacarpentry.org/r-socialsci/setup.html> and ‘Starting with Data’ section). Take a screenshot of your RStudio interface showing a) the script you used to create the object, b) the ‘interviews’ object in the Environment and the c) structure of your R project in the bottom right Files pane.

pacman::p\_load(tidyverse)  
download.file("https://ndownloader.figshare.com/files/11492171",  
 "../data/SAFI\_clean.csv", mode = "wb")  
interviews <- read.csv("../data/SAFI\_clean.csv", na = "NULL")