**Start with R**

For this assignment, you need to present the results, the code you used to answer a few questions, and then take a screenshot of your working environment.

Submit a textfile with typed up solutions here OR upload the document with solutions and the screenshot to your repository on Github and provide here only your Github URL. Make sure your homework files are clearly marked and readily findable there.

1. **Use R to figure out how many elements in the vector below are greater than 2. rooms <- c(1, 5, 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)**

What I did (script):Et billede, der indeholder tekst, Font/skrifttype, linje/række, skærmbillede

Automatisk genereret beskrivelse

Answer:

Et billede, der indeholder tekst, skærmbillede, Font/skrifttype

Automatisk genereret beskrivelse

1. **Which function tells you the type of data the 'rooms' vector above contains?**

What I did (script):

Et billede, der indeholder tekst, Font/skrifttype, hvid, design

Automatisk genereret beskrivelse

Result:

Et billede, der indeholder Font/skrifttype, tekst, skærmbillede, hvid

Automatisk genereret beskrivelse

1. **What is the result of running the median() function on the above 'rooms' vector?**

What I did (script):

Et billede, der indeholder tekst, Font/skrifttype, skærmbillede, hvid

Automatisk genereret beskrivelse

Results:

Et billede, der indeholder tekst, Font/skrifttype, skærmbillede, linje/række

Automatisk genereret beskrivelse

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1. **Submit the following image to Github: 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**
2. the line of code you used to create the object,
3. the 'interviews' object in the Environment, and
4. the file structure of **your R project**in the bottom right "Files" pane.

Et billede, der indeholder skærmbillede, tekst

Automatisk genereret beskrivelse

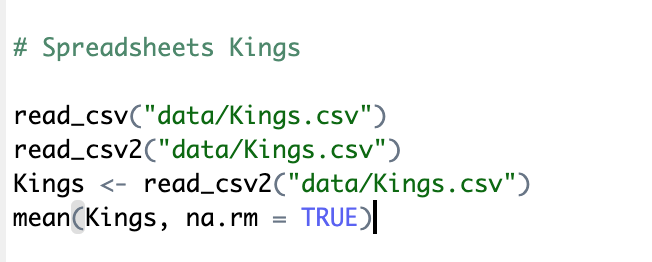
Save the screenshot as an image and put it in your **AUID\_lastname\_firstname** repository inside our Github organisation (github.com/Digital-Methods-HASS) or equivalent.

Place here the URL leading to the screenshot in your repository.

**Link:** <https://github.com/Digital-Methods-HASS/AU692202_Jensen_Nikita/blob/main/Exercise4_Nikita.png>

1. **Challenge**: Tidy up your Danish monarchs dataset (you created last week) sufficiently so that you can load it into R as a tibble using the read\_csv() and calculate the mean() and median() duration of rule over time.

I got this far… and then I got stuck.



Et billede, der indeholder tekst, skærmbillede, Font/skrifttype

Automatisk genereret beskrivelse