DS 413/613 Rectangling Lab

**Instructions**: Create an R markdown file and a Word file and push both files to a Repository that you have created in GitHub. Required packages and libraries are given below;

install.packages("rvest") install.packages("listviewer") listviewer::jsonedit(gh\_users)

library(rvest) library(dplyr) library(tidyverse) library(repurrrsive)

1)

a) Explain or describe nested Lists. (Three or four sentences)

b) Open and explore data for Git Hub repos by running the following code gh\_repo. Comment on the structure and arrangement of the data (Two or three sentences)

c) In two or three sentences, explain what happens to the data when you run the code;

repos <- tibble(repo = gh\_repos)

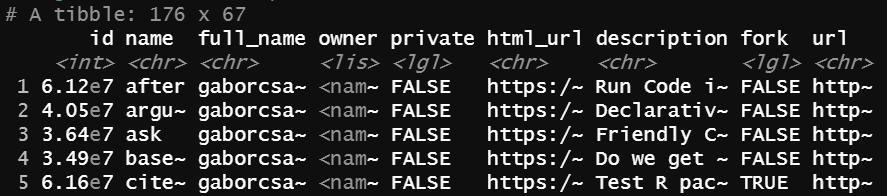
repos

d) Describe the data representation when the listserver tool is applied. And go into detail explaining why we have a nested List configuration. What do the numbers 30 and 68 represent ? (6 or 7 sentences)

Run the following code:

listviewer::jsonedit(gh\_repos)

e) Use and show R unesting code to produce the tibble below.



e):

tibble(repo = gh\_repos)%>%

unnest\_auto(repo)%>%

unnest\_auto(repo) -> new