Notes 2-27-19

* Be sure that you include commands that call library() in your code so that your analysis works when knit into an html
* Organizing your work
  + Create a specific directory for each project
    - One for each warmup, lab, etc

You will want a setup like:

Project Folder/

Data/

Rawdata.txt

Datadictionary.md

* + - Sources, data types, units of measure, etc

Code/

Scripts/

* + - * Cleaning data maybe (clean.R)
      * Exploratory data analysis (eda.R)
        + Histograms, boxplots, scatterplots (can be exported)
      * Regression.R
      * Classification.R
      * Simulations.R

Functions/

* + - * Like a function that cleans data (clean.R for ex)

Output/

* + - Tables, etc

Images/

* + - Stores summary tables and graphs in final form

Report

Report.Rmd

Slides/

Slides.Rhtml

Specification of files for Scripts/Markdown:

* . 🡪 single dot is working directory
* .. 🡪 double dot is one level above, the folder with the current working directory
* Ex: “../folder/project/data/data.csv” will call data from another folder one level up or parallel to the current working directory (relative path)

Workout assignments will be more like the above structures in the way they are saved and stored in GitHub 🡪 relative paths and such

Ex:

Sum.dat <- Summary(dat)

Export(sum.dat, dest=”../output/table1.txt”)