Assignment 1 (due by next class meeting) Project code and ‘knit’ markdown document (.html file) in your Github repository. Can use the one we created today.

1. (REQUIRED) Coded in a R markdown file; use data from your thesis or sample data.
   1. 2-3 figures using base R or ggplot; both displayed and exported as .png
   2. Some model specification or statistical summary
   3. 2-3 tables summarizing various aspects of the data
   4. Map of the study site or other place of interest.
2. (Optional; pick 2-3)
   1. Table of contents
   2. Font formatting (italics, bold, different font colors)
   3. Flow chart (Diagrammer) or Gantt chart
   4. Links (URL) to helpful reference/source information for your code; helping your future self.
   5. In-line calculations/presentation
   6. Links to supported media files (youtube, vimeo, etc.)
3. Force yourself to use best-practices for naming conventions and file management

Potential datasets for practice.

data() #lists datasets from various installed packages; good for practice

data(package = .packages(all.available = TRUE)) #lists the data sets in all \*available\* packages.

install.packages(“datasets”) # package that has tons of practice data

library(datasets)

data(package="datasets")

#I prefer this package because the datasets tend to have more variables

install.packages("dslabs")

library(dslabs)

data(package="dslabs")