**Exercise 1 - Opening Data, Accessing Data, and Writing Your First Markdown Document**

For this exercise, you are to create an R Markdown document that does the following:

1) Opens the data set I provided on Canvas and assigns that data set to be an object in the R environment.

2) Checks the data set by asking for the class of the object, the structure of the object, and a summary of the object.

3) Then pick any three variables in the data set and for each of those three variables, answer the following questions:

a) What is the variable’s class?

b) What is the variable’s level of measurement?

c) If the variable is an interval/ratio variable, what is its mean? Hint: Use the mean() or summary() function.

d) If the variable is a categorical variable, what is its mode? Hint: Use the table() function.

Put these procedures into your R Markdown document and knit it together to produce a PDF file. This Markdown file should include all necessary R code, as well as lots of comments and annotations. Feel free to use the guides on Markdown to make the document “pretty.”

Submit the PDF and .rmd files to this assignment page for credit.