Project 1
Data Science
Nathan Bunch
Ryan Yates

In this project, I had found it particularly difficult to find data related to my major directly. So, instead, I have obtained data concerning some research done by Walmart stores. Walmart conducts research on environmental temperature and gas prices (amongst others) around its stores. Because of this data, we can explore the general average of the gas prices and also the temperature around the Walmart store location. That is what I proceeded to do after obtaining the data necessary to do it.

The process began by finding data. I had not been able to find data quite easily and ended up searching how to find data for data science class. After stumbling upon the data I needed, I encoded it in a CSV file format so that the data could be easily imported into R. After that, I had to cleanup the data by removing unnecessary factors, such as the unemployment rate (since I am studying the temperature and fuel price averages after all). After removing the unnecessary columns from the data set, I proceeded to take the average of the temperature and fuel price columns. I summed all the temperature and then the fuel price column into separate variables. Then i divided both by the total rows. This produced the average. I wrote the script to print out the variables (and some strings to explain what was being printed).

Overall, I enjoyed the process. It is by far not the same as programming, but still enjoyable. The hardest part was finding data to analyze. The most enjoyable part was writing the script (programmer heart showing…. <3 code).