Homework Assignment: Week 2

Assignment Due: Sunday, March 13, 2022 by Midnight CT

Submit electronic solutions to drop box in BrightSpace

1. In your opinion, what are the pros and cons of open data? To keep this manageable, I will limit you to no more than two pros and two cons and then a statement of which direction you are leaning.

2. Briefly describe the difference between ASCII and UTF-8.

3. Copy the data table of Stanley Cup winners at the following url into a dataframe in r: <https://en.wikipedia.org/wiki/List_of_Stanley_Cup_champions#Stanley_Cup_Finals_era_(since_1915)> If you are using a Mac and the command does not work, just write does not work. Include the code.

4. Write and execute the code to retrieve a dataset from Data.gov in JSON format (the dataset is your choice). Turn in the code.

5. Read in sheet 1 of the file Exdata.xlsx and determine the values in the 39th row. Include the code.

6. Repeat problem 5 for dataset 2.

7. Read the Tidyverse website (see reading list for url) paying close attention to the dplyr tools. Install the Tidyverse package.