Assignment 1: Introduction

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OVERVIEW

This exercise accompanies the introductory material in Environmental Data Analytics.

Directions

1. Change "Student Name" on line 3 (above) with your name.
2. Work through the steps, **creating code and output** that fulfill each instruction.
3. Be sure to **answer the questions** in this assignment document.
4. When you have completed the assignment, **Knit** the text and code into a single PDF file.
5. After Knitting, submit the completed exercise (PDF file) to the dropbox in Sakai. Add your last name into the file name (e.g., "Salk_A03_Introduction.Rmd") prior to submission.

The completed exercise is due on Tuesday, January 14th at 1:00 pm.

1) Discussion Questions

1. What are your previous experiences with data analytics, R, and Git? Include both formal and informal training.

   Answer: I took a short (4-week) introductory workshop on R through the Data Visualization center at the Duke Library. This briefly introduced me to R, but I still feel extremely inexperienced as I have very little experience coding. I was briefly introduced to GitHub in the Data Bootcamp that John Fay ran during the fall semester, but I also have very little experience in this area.

2. Are there any components of the course about which you feel confident?

   Answer: I feel confident about my statistical analysis skills and my ability to communicate the results of data analysis.

3. Are there any components of the course about which you feel apprehensive?

   Answer: I am very apprehensive about learning to code and becoming familiar with R. I am not extremely tech savvy so I think it will be a big learning curve for me in the beginning of this course, but I am excited to feel more confident as I go!

2) GitHub

Provide a link below to your forked course repository in GitHub. Make sure you have pulled all recent changes from the course repository and that you have updated your course README file.

Answer: https://github.com/rachel-gonsenhauser/Environmental_Data_Analytics_2020