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 <>.

1) Discussion Questions

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

   Answer:

I used R last semester in ENV790 with John Poulsen. Before that class, I was briefly introduced to R in my senior thesis project in college. Outside of those two classes, I have not experimented with R. This class is the first time I have heard of and used Git.

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

   Answer:

I feel like I know the basics of R and statistical analyses. I understand what a lot of the functions mean and the correct way to write them in R. Most of what we did in 790 was statistics related so I feel I have a pretty strong grasp on those concepts and feel confident to execute them in R.

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

   Answer:

Generally, R can be frustrating so I am nervous about the new things I will learn this semester. A lot of times when I was using R previously I forgot small things that caused various errors when I ran the code and having to figure out where the mistake was or what I was missing could be tedious and cause frustration. However, I surprised myself in how much I ended up loving working in R and was excited about the challenge of it, so I think it will be great to continue to sharpen my R skills this semester.

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/saradiamond/Environmental_Data_Analytics_2021