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 took Betsy Albright's Applied Statistics course last fall. Previously I have worked as a GIS intern for a water utility where I learned about data analytics and how it is applied to geospatial processes. However, I did not utilize much analysis besides what I completed in MOOCs with Esri. I have no previous experience with Git.

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

   Answer: I feel I have a good basic understanding of the basic components of data analysis and am familiar with the different approaches. I also have a working knowledge of R.

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

   Answer: I am not fully confident overall of my capabilities, even though I am familiar with the techniques and have discussed them in class or reviewed them with independent learning in a working environment. However, if I was tasked to analyze something, I am not fully confident that I will know all the skills and techniques I should in order to perform the task properly.

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/nadiaswit/Environmental_Data_Analytics_2021.git