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 started learning R by myself from zero in June 2019 for my undergraduate reserach project. I know nothing about any kind of programming at that time but somehow finished the project analyzing a complex data set with the help of the Internet. The first time I learned R in class was in ENV710 in the fall 2020 semester. It was also my first formal statistics course. I heard of Git for the first time in the winter breakaway Python course, but I did not learned much about neither Python nor Git.

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

   Answer: I am confident in the basic use of R relatively. With about 2 years of experience in R, I am familar with many of the commom commands and packages. However, I have never taken systematic and formal R training, so I have no comprehensive understanding, which limits me when solving some problems. This is what I would like to learn in this course.

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

   Answer: I am kind of worried about the final project. We have a lot of freedom to find our own data set and study our own research questions. The freedom is both exciting and scary.

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/YFZeng07/Environmental_Data_Analytics_2021.git