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., "Lima_A01_Introduction.Rmd") prior to submission.

The completed exercise is due on <Jan 18, 2022>.

1) Discussion Questions

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

   Answer: I taught myself R basics during undergrad. I analyzed data in R for 3 years in undergrad and have continued using R in my graduate studies. Most of my training has been informal; lots of googling, office hours, and library help sessions. The hydrology course at the Nich school included some formal R training. I have also done data analysis in Excel and Stata in my statisitcs courses. I have no previous experience with Git.

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

   Answer: I feel confident about the R basics and understanding the general logic of R. I am also confident about the logic behind the data analysis.

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

   Answer: I am apprehensive about maintaining my Github and making sure I am pushing, pulling, and committing at the correct times. I don't want to lose work because I forget to do a step in Git.

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/CatEOtero/Environmental_Data_Analytics_2022.git