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 <>.

1) Discussion Questions

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

   Answer: I have been learning and using R for data analysis for about 2 years. At first, I was learning it by myself with the help of online blogs and videos. Half a year later, I started to take a formal *Ecological Data Analysis* class that included some application of models conducted by R. And for last semester, I took ENV710, which to some ectent is quite similar to the previous *Ecological Data Analysis* class (mostly the statistics part). In a word, my previous process of learning R is more about problem solving and has no solid foundation, which means I often need to look up some very simple functions when doing data cleaning. As for Github, I only have experience downloading packages and scripts.

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

   Answer: I am confident with my familarity wiht RStudio.

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

   Answer: I am not so familiar with other languages (like html or python) and network architecture.

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/AltheaL55/Environmental_Data_Analytics_2022