Assignment 1: Introduction

Megan Lundequam

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: My previous experience with data analytics and R is that which I gained through taking Applied Statistical Data Analytics with Betsy Albright in Fall 2020. I also worked with R a bit during Hydrology with Martin Doyle where we used R to analyze and present data in different ways. I gained additional data analytics experience in Economic Valuation of the Environment with Jeff Vincent, but using Stata. I have no prior experience using Git.

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

   Answer: I feel confident in my ability to learn and apply teachings to creating a strong foundation upon which I can explore the capabilities of R further.

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

   Answer: Not really. I have heard that this course breaks down the endless capabilities of R really well, making the information digestable and equipping us with the tools to succeed. The only thing I am apprehensive about when it comes to data analytics in general is being confident in decisions I make about how to wrangle data, knowing there are so many possibilities, trusting that I have wrangled the data appropriately and then interpretting those results appropriately in order to form a conclusion about the data.

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/meganlundequam/Environmental_Data_Analytics_2022.git