Assignment 1: Introduction

Laurel Cohen

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 studied Economics in college and used Stata to do some econometrics, I have used Excel for many years for basic data cleaning and visualization, and I got my first exposure to R in fall 2020 when I took the Statistics course at the Nicholas School. I have no experience with Git.

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

   Answer: I felt like I was decent at R in the Nic School Stats course, so while I'm far from proficient in the program, I think that with attention to detail and a good work ethic, I can make a lot of progress in learning the software in this class.

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

   Answer: Given that I have never done any type of coding beyond bolding fonts on my old MySpace profile, I am a little nervous about Python! I also have heard that time series analysis is a pretty difficult topic, so I have some trepidation about that as well.

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/bluedevil28/Environmental_Data_Analytics_2022