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. why was this number missing?
3. Work through the steps, **creating code and output** that fulfill each instruction.
4. Be sure to **answer the questions** in this assignment document.
5. When you have completed the assignment, **Knit** the text and code into a single PDF file.
6. 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: Essentially no experience. I have not taken any nicholas school courses that use R. However, I did complete the 1-week R bootcamp last summer with Nick Eubank from Duke's SSRI.

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

   Answer: I have some professional experience translating data into helpful information for decision-makers, so I think the data visualization piece will be more straightforward.I also have experience working in a large relational database with some very basic SQL.

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

   Answer: learning to code in R! I'm quite worried about learning all the new softwares, jargon, and correct syntax in a quick enough manner. I also ran into quite a few 'bugs' with this first assignment and had trouble getting RStudio to play well with Github.

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/tlg44/Environmental_Data_Analytics_2022.git