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., "Salk_A03_Introduction.Rmd") prior to submission.

The completed exercise is due on Tuesday, January 14th at 1:00 pm.

1) Discussion Questions

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

   Answer: I completed the ENV 710 statistics course in R last semester which included basic statistical analysis and some linear modeling. I have some additional (informal) experience with data cleaning and simple analysis with MP work and also my work study job last semester. Have used some tidyr tools, ggplot visualizations, not much experience with R markdown. Some limited use of GitHub with the ELA project.

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

   Answer: My experience with R thus far has certainly involved a lot of troubleshooting - I think I am pretty good as fixing my own issues or finding creative work-arounds when needed.

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

   Answer: Not really. Looking forward to learning how to go about the cleaning and analysis process more systematically and efficiently.

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/slm119/Environmental_Data_Analytics_2020