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 have experience using MatLAB and python with my undergraduate thesis. I worked with R software class in my junior year of college; however it was 4 years ago and the R software looks completely different from today. I have done some informal training with panolpy course provided by Duke.

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

   Answer: I feel confident in my ability to understand code, and look for small nuiances that might have caused an error. I feel confident in my ability to learn code.

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

   Answer: I am apprehensive about trouble shooting code, and computer glitches out of anyone's control because it seems to me that technology is not always kind to me. I am also slightly apprehensive about getting behind in class due to errors and spending class time catching up instead of learning.

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/m12edmon/Environmental_Data_Analytics_2020