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., "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 was introduced to R in undergrad, but it was very basic and more just learning the language and running code already given to me but inputting my own variables. My first semester of the MEM program I took Poulsen's stats class where I learned how to run statistical analysis and basic functions in R but also during that semester I started working at the lemur center and self-taught myself a lot more and ended up writing my own codes to do data analysis for the lemur center.

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

   Answer: Scanning through the syllabus, I'm pretty confident with ggplot and know basics of tidyverse. Also from the stats course I know how to run linear models, ANOVA, etc. I feel honestly like I have a good basis and understanding of R but a lot of it I taught myself, so I am hoping to see easier ways to do things and become more proficient overall.

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

   Answer: Eager to learn a little bit about Python and using R for spatial analysis, but nothing I'm apprehensive about, just excited!

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/elise-227/Environmental_Data_Analytics_2022