

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 have had some experience in data analytics and R through taking ENVIRON 710 in Fall of 2020. I have some experience using R to solve statistics problems, handle large datasets, and use statistical models. I also had some practice with R in my summer internship where I analyzed datasets pertaining to Clean Water State Revolving Fund projects. I have never used Git but look forward to learning how to use the software.

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

Answer: I feel pretty confident about data visualizations and plots through ggplot. I am also fairly confident with data wrangling and importing.

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

Answer: Not at the moment, but I do want to learn how I can troubleshoot R issues more effectively. I have also had zero GitHub experience so I feel that learning to incorporate GitHub and R will take some practice.

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/bsj16/Environmental_Data_Analytics_2022