

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 learned R in ENV 710 Applied Data Analysis for the Environmental and Natural Sciences and used R in ENV 723 Hydrology last semester, but this is my first time learning Git.

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

Answer: The course preparation is very detailed. I think I have more confidence in making graphs with ggplot.

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

Answer: The presentation of the final project. This is my second semester in the U.S. and I’ve never done a course presentation in English before, so I think I’ll be a little nervous. But I think I’ll get over my nerves and get through it.

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/Clemen-Jing/Environmental_Data_Analytics_2022