

Assignment 1: Introduction

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OVERVIEW

This exercise accompanies the introductory material in Environmental Data Analytics.

Directions

1. Rename this file `<FirstLast>_A01_Introduction.Rmd` (replacing `<FirstLast>` with your first and last name).
2. Change “Student Name” on line 3 (above) with your name.
3. Work through the steps, **creating code and output** that fulfill each instruction.
4. Be sure to **answer the questions** in this assignment document.
5. When you have completed the assignment, **Knit** the text and code into a single PDF file.
6. After Knitting, submit the completed exercise (PDF file) to the appropriate assignment section on Canvas.

1) Discussion Questions

Enter answers to the questions just below the `>Answer:` prompt.

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

Answer: I took several courses in undergrad that used both R and Git (Ex: Biostatistics, Bio-computing). I’ve also had decent experience with data analytics. In undergrad I completed my own research project which included collecting and analyzing all my own data. And this past year I worked as a research fellow for the EPA and my primary role was data collection and analysis.

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

Answer: I feel very confident navigating R and creating figures.

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

Answer: I feel a little apprehensive when it comes to wrangling large datasets. Also, I am not the strongest at stats – specifically determining which tests/analyses to use.

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, committed those changes, and pushed them to your GitHub account.

Answer: https://github.com/jonathangilman/EDE_Fall2024.git

3) Knitting

When you have completed this document, click the `knit` button. This should produce a PDF copy of your markdown document. Submit this PDF to Canvas