

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 used R in my undergraduate in my statistics class, as well as for data analysis in my capstone project. Since graduating, I used data analytics and R consistently across a wide range of tasks such as data management, analysis, and visualization of large environmental datasets.

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

Answer: I feel that I have a solid understanding of R and while I know I have a lot to learn, feel comfortable working in the interface.

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

Answer: I have never used GitHub and have been a bit confused about the structure and how to make sure I am in sync with the class page.

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/sloanehauck/EDE_Fall2025/tree/main

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