

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 do not have much data analytics, R, or Git experience. Much of the data analytics I have completed is on small biology datasets via Excel, MatLab, or other specialized programs. I completed one semester of Engineering Statistics as undergraduate in the spring of 2020 where RStudio was used, and I used GitHub briefly during a summer internship in 2020.

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

Answer: I feel confident with data visualization and modelling concepts.

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

Answer: I am not the most confident programmer in general, so I feel apprehensive about producing efficient code and tidy datasets.

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/kaitykuks/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