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 statistics and capstone courses in my undergraduate. Since then, I used R and data analytics in my job to conduct data management/cleaning, analysis, and visualization of large environmental datasets. I have never used GitHub, so I am excited to figure out how R and GitHub interact.

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

   Answer: I feel comfortable using R for multiple applications, and I am excited to learn about new strategies and best practices.

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

   Answer: I have never used GitHub, so I feel that I have been a bit confused on the order of operations pulling and pushing between R and GitHub.

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

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