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 have never used Git before. I have used R and RStudio in previous classes and in my undergrad senior thesis. I don't feel very confident using R but I know my way around. I have handled large datasets before including in my thesis. In my thesis, I counted and identified 60,000 arthropods and handled many data sheets.

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

   Answer: I feel confident with my organization skills and my happy attitude to learn!

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

   Answer: There's a lot of new terminology surrounding Git and staging/committing etc. The ideas make sense but it's all new for me.

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/tallulahbowden/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