

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 Sakai.

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: With previous professional positions, I used STATA and SPSS for descriptive analysis on household surveys. That was around 5 years ago, and I have forgotten most of what I did. I don't have any formal training regarding data analytics, but mostly self-taught when there is a need for work.

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

Answer: Not really. But I'm confident that I will pick up data analytics as I practice more.

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

Answer: Linear regression, ANOVA testing and interpreting the results. This is not really R per se, but the quantitative analysis is the part I'm worried about.

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/Xsixtence/EDA_Spring2024

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 Sakai.