

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: I have no previous experience using Git. In the previous semester, I used R for the first time in the ENV710 with Betsy. Prior to coming to Duke, I worked primarily in tech on ETL (database migrations) projects across health insurance and advertising. Perhaps understandably, I was not interested in pursuing a career in ETL. However, I do have some exposure to using SQL in the workplace.

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

Answer: Based on my previous experiences in tech, I generally feel confident in learning new languages and ability navigate increasingly technical topics.

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

Answer: I’ve always been really bad at stats. I want to take this semester to focus on improving those skills, especially as they relate to time series.

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/ItsTheKGV/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.