

# Assignment 1: Introduction

Sylvia Hipp

## 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 extensive experience with data analytics and R in both academic and professional settings. In undergrad, I took courses on data visualization and GIS using R. I also have three years of work experience using R on a daily basis to conduct economic and financial analyses. I have some experience using Git in my job as well.

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

Answer: I feel confident about the first half of this course, namely coding basics, data exploration, wrangling, and visualization, and spatial analysis.

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

Answer: I don't have much experience in linear models, time series analysis, or data scapping. However, I'm confident in my ability to learn these materials once we get to it.

## 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/sylviahipp/EDE\\_Fall2025/tree/main](https://github.com/sylviahipp/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