

Assignment 1: Introduction

Kim Myers

OVERVIEW

This exercise accompanies the introductory material in Environmental Data Analytics.

Directions

1. Change “Student Name” on line 3 (above) with your name.
2. Work through the steps, **creating code and output** that fulfill each instruction.
3. Be sure to **answer the questions** in this assignment document.
4. When you have completed the assignment, **Knit** the text and code into a single PDF file.
5. After Knitting, submit the completed exercise (PDF file) to the dropbox in Sakai. Add your last name into the file name (e.g., “Salk_A03_Introduction.Rmd”) prior to submission.

The completed exercise is due on Tuesday, January 14th at 1:00 pm.

1) Discussion Questions

1. What are your previous experiences with data analytics, R, and Git? Include both formal and informal training.

Answer: I have done research and internships that have required data analytics in Excel. I have also taken two college-level courses in Python which have focused somewhat on data analytics. In one of the classes, I learned how to use Git. Lastly, I was introduced to R in my Data Analysis class at Duke. Since then, I have used it for research and my Masters Project.

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

Answer: I feel confident in using Git and in my data cleaning skills.

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

Answer: Maybe not apprehensive, but I’m looking forward to learning new data wrangling and visualization skills. I am a bit worried about creating a good final project.

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.

Answer: https://github.com/krm75/Environmental_Data_Analytics_2020