

Assignment 1: Introduction

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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’ve taken the Fundamentals Stats Course (R-based) as well as Dean Urban’s Landscape Analysis class (R-based). I’ve also taken John Fay’s Advanced GIS course which used Git and did some elementary coding in Python. I feel comfortable working in R but would like to learn more about coding in python and javascript (for Google Earth Engine)

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

Answer: I feel confident in my ability to import data and do basic data cleaning and modeling.

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

Answer: I feel apprehensive about going back and forth between git and R studio because I am still trying to understand the structure behind the repositories and versioning.

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/esm52/Environmental_Data_Analytics_2020.git