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., "Lima_A01_Introduction.Rmd") prior to submission.

The completed exercise is due on <>.

1) Discussion Questions

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

   Answer: As for data analytics, I have learned python in a market analysis course. I learned visulization, regression, modeling, segmentation, corpus analysis etc. in that course. As for r, I do not have much experience. I only used r in a statistic course to do some basic visulization and find p value. As for Git, I do not have any experience.

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

   Answer: I feel confident about my ability of doing assignments.

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

   Answer: I have not learnt these components - Time Series Analysis, stationarity, trends, seasonality, tests, Spatial Data Analysis, Data Scraping, web-scraped data, manual copy & paste, API, DOM parsing. I also met data cleaning porblems during my MP project, so I want to find some inspirations in this course.

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/Kakajio/Environmental_Data_Analytics_2022.git