Data Bootcamp: Delivering Your Project
Revised: September 2, 2020

Overview

One of our goals is for you to produce a piece of work you can use to demonstrate your data and programming skills to potential employers. The end product should be posted on your GitHub account in a repository so that you can show others what you've done. You will also be able to see what your classmates have done.

Below are the step by step details and format that I ask of you to post your project in. Not following these instructions exactly will result in a 10 percent reduction in the available points that your project can receive.

Due Date: Midnight, Thursday Dec 17

If you are working in a group, each individual must post the group project on their own GitHub site. So if Jim and Mary are working together, then Jim posts the project on his site, Mary post the project on her site.

Step by Step Instructions

1. Create a repository on your GitHub site. This repository must be named:

   `data_bootcamp_final_project`

2. Populate the repository on your GitHub site with the following items:

   - A readme file (GitHub should populate a blank one for you), that has **very specific language** specified on the next page. I will not grade your project until this step is complete.

   - Your Jupyter Notebook. This should be titled in the following way:
     `lastname_final_project.ipynb`

   - A .pdf file of your Jupyter Notebook. This should be titled in the following way:
     `lastname_final_project.pdf`
     How to create this: Click on File/Print Preview/Print/ and then there you should be able to select "Save as PDF"

   - A powerpoint file (five slides max) uses your graphics to tell the story your project explores. This should be titled in the following way:
     `lastname_final_project_presentation.ppt`

3. Upload a .ipynb notebook to NYU classes which contains **only** the Readme File below and the hyper-link to your repository.

All of this must be done prior to midnight, at the end of the day May 21. Finally, **do not modify** until you have received grade from me. After you have received a grade, you may treat the project as yours as continue to work on it as you like.

The Readme File

The following text must populate your readme file:

This project was completed by **insert full name here** in partial fulfilment of ECON-UB.0232, Data Bootcamp, Fall 2020. I certify that the NYU Stern Honor Code applies to this project. In particular, I have:

Clearly acknowledged the work and efforts of others when submitting written work as our own. The incorporation of the work of others–including but not limited to their ideas, data, creative expression, and direct quotations (which should be designated with quotation marks), or para-phrasing thereof– has been fully and appropriately referenced using notations both in the text and the bibliography.

And I understand that:

Submitting the same or substantially similar work in multiple courses, either in the same semester or in a different semester, without the express approval of all instructors is strictly forbidden.

I acknowledge that a failure to abide by NYU Stern Honor Code will result in a failing grade for the project and course.

Project Description

Insert one paragraph description of your project

Grading

Projects will be graded on their overall quality. This includes, but is not restricted to, these categories:

- Did you follow directions. Turn in data report on time, name files correctly, etc.

- Quality of the idea. Is the question clearly articulated? Is it interesting?

- Quality of the data. Does the data support the idea? Is it the best data for this question?

- Quality of the code. Is the code readable? Could someone else understand what you were doing and why?

- Degree of difficulty. Some ideas are harder than others to implement. As in Olympic diving, you get credit for taking on a challenge.

- Professional look. Does your project look professional? Are the graphs easy to understand? Are they clearly labeled?