Please submit your compressed files with name: **First_Last_ID_hw2,** other formats will be dismissed.

Please compress your homework into a zip file and submit. (**only need the visualization, no source code**)

Due: 4/3 before class (1:59 pm)

Task 1:

Consult this project to understand the data you will need to work with:

100 city data

Create two visualizations:

1) First visualization should present the data in following columns:
   A, B, C, D or E, F

2) Second visualization should show growth in numbers of shared posts **or** numbers of authors over time.

   Numbers of posts over time: columns A, J - AR
   Numbers of authors over time: columns A, AT - CB

For this second visualization, you can use data for each city as is, or you can aggregate cities in some ways. Or you can select only some cities using some criteria. Similarly, you can show data for each month, or aggregate time in larger periods.

Both visualizations should be visually interesting. Imagine that they appear in a blog post or online article for the general public. Use meaningful and descriptive main titles and axis titles. Transform data (e.g, use log scale) if necessary. Modify any default visualization parameters and elements of the visualizations to achieve the desired result.

Each visualization should be > 800 pixels in width or height.

Save each visualization in any of these formats: .png, .jpg, .pdf

Make sure that the files you submit are no larger than 3 MB each.

Name visualization files as follows:

First_Last_ID_hw2_t1v1 (with file extension)
First_Last_ID_hw2_t1v2 (with file extension)

Please also provide a summary for each visualization

Task 2:

You have received a data file containing information about paintings bought by American art collector Henry Clay Frick. This collection formed the basis of Frick Museum. You are asked to create **two different visualizations that reveal (possible) patterns in his collection history**. You can use any visualization techniques and software.

What are these patterns? Did the works of different artists enter the collection at completely random times, or is there some story to be revealed in the data? Data you may want to specifically think about include artists' names, their nationality and period when they worked, and the dates of purchases - although other data columns may also turn out to be useful.

The two visualizations can demonstrate the same story (e.g, pattern) you found, or they can show two different patterns if you found them. Alternatively, if you decide that no particular pattern exists in this history, your visualizations should show this clearly.

Name your visualization files as follows:
First_Last_ID_hw2_t2v1 (with file extension)
First_Last_ID_hw2_t2v2 (with file extension)

Please also provide a summary for each visualization