**[Tell me your secrets.](https://mymasonportal.gmu.edu/webapps/assignment/uploadAssignment?content_id=_14463487_1&course_id=_449778_1&group_id=&mode=view)**

Attached Files:

* [[File](https://mymasonportal.gmu.edu/bbcswebdav/pid-14463487-dt-content-rid-235116644_1/xid-235116644_1) Seaborn-Viz.ipynb](https://mymasonportal.gmu.edu/bbcswebdav/pid-14463487-dt-content-rid-235116644_1/xid-235116644_1) (558.54 KB)
* [[File](https://mymasonportal.gmu.edu/bbcswebdav/pid-14463487-dt-content-rid-235117075_1/xid-235117075_1) forestfires.xlsx](https://mymasonportal.gmu.edu/bbcswebdav/pid-14463487-dt-content-rid-235117075_1/xid-235117075_1) (43.984 KB)

In this assignment, you'll start the Jupyter Notebook that you'll add to during the semester. The filename should be LASTNAME\_FIRSTNAME.ipynb. This is what you'll upload for each of the assignments that call for it.

This week, start the notebook with a dataset (forestfires.xlsx, attached) and ask three questions of the dataset based on our discussions and readings so far. Your notebook should have the questions in markdown cells, and the code in code cells, and it should be functional. This will be an assignment graded by me. I have attached a couple examples for you: one in html below and one as a notebook file. You will be able to find most or all of the code you need by using the Data Visualization Workshop book and code examples. The dataset file has two tabs: one is a red tab marked README. It will tell you what each of the variable / feature names mean.

NOTE: I'm looking for some creativity here. It's pretty easy to create a simple scatter plot. But I challenge you to create something a bit more interesting, something really eye catching. Something that will catch the eye of the busiest person alive. The in-class exercise on Feb 22 seemed a little easier for you than I thought it would be, so I challenge you to top everything you saw during that class. Don't forget about datavizproject.com for inspiration. Also, check on Seaborn's site as there are some great examples there.

Make sure you can tie the graphic you make back to the question you asked. The graphic should answer the question.

I have extended the due date on this one to March 2.

 [semester.html](https://mymasonportal.gmu.edu/bbcswebdav/pid-14463487-dt-content-rid-227107872_1/xid-227107872_1) [semester.html - Alternative Formats](https://mymasonportal.gmu.edu/webapps/blackboard/content/listContent.jsp?course_id=_449778_1&content_id=_14212235_1&mode=reset)