

Homework, Week 3

Due Monday, April 19th.

This week we're going to start making charts on the web. One of the best ways to learn is to copy work that already exists in the world.

Please ignore the interaction in these examples I'm going to ask you to copy.

The intention of these exercises is to get the static version of the chart up on the web. Since people have varying degrees of technical skills, I'm giving you options:

- **If you get one of done well, you get 85% of points**
- **if you get two done well you get 100% of points**

If you're new to programming, there's no shame in just focusing your efforts on just one. You will be graded on quality and quantity. Doing one well will give you enough points that it won't really affect your final grade.

Remember, in addition to completing the charts, I expect good design and all the basic chart elements like well labeled axes, a headline, sources. Please upload a screenshot of your chart and the index.html file when you're done.

1. Design a scatterplot using the data found in the first chart of this piece:
<https://www.nytimes.com/interactive/2017/12/05/upshot/a-better-way-to-compare-public-schools.html> (remember to square root the radius of the bubbles for accurate representation of area).
2. Design a line chart based on the data in this piece
<https://pudding.cool/2020/07/song-decay/>
 - a. You can plot all or some of the data but it has to be more than 1.