Dear Class,

The course staff has compiled a set of resources for students focusing on D3.js and Tableau. These are supplementary suggested readings (not required) that may be useful for students based on your background and experience

**Additional Resources**

Below are resources***additional*** to what is mentioned in your homework:

Javascript Resources

* Javascript Tutorials and Exercises: <https://www.codecademy.com/>
* Online book on Javascript: <https://eloquentjavascript.net/>
* Book on Javascript: <http://a.co/d/cOg97Dn>

D3 Books

* Online book to review D3 v3 Tips and Tricks: <https://leanpub.com/D3-Tips-and-Tricks/read>
* Online book focusing on D3 v4 features: <http://d3indepth.com/>

D3 Example Graphs

* Pinning nodes: [Sticky Force Layout](https://bl.ocks.org/mbostock/3750558)
* Creating Triangle Plot Symbols: [D3 Symbols](http://bl.ocks.org/kiranml1/6972900)
* Creating a Heatmap: [Day-Hour Heatmap](http://bl.ocks.org/tjdecke/5558084)
* Converting Wide and Long Data: [Wide vs. Long data](http://jonathansoma.com/tutorials/d3/wide-vs-long-data/)
* Customizing Text Alignment: [d3 svg text alignment v3](https://bl.ocks.org/emmasaunders/0016ee0a2cab25a643ee9bd4855d3464)
* Handling Interactivity: [Mouse Events](http://bl.ocks.org/WilliamQLiu/76ae20060e19bf42d774)
* Creating Line Graphs: [Simple line graph](http://bl.ocks.org/d3noob/4414436)
* Making a map: [Let’s Make a Map](https://bost.ocks.org/mike/map/)

General

* A variety of video tutorials on D3 and Javascript, some designed for learners less familiar with javascript, HTML, and CSS: <http://lynda.gatech.edu/>

**Resources in Homework**

The resources below are already linked in their respective sections of HW2. We have consolidated them with this post, for convenience:

Tableau

* Bar Chart vs Stacked Bar Chart Article: <https://www.smashingmagazine.com/2017/03/understanding-stacked-bar-charts/>
* Stacked Bar Chart Tutorial: <https://kb.tableau.com/articles/howto/stacked-bar-chart-multiple-measures>

Tutorial

* Scatter plot Tutorial: <http://alignedleft.com/tutorials/d3/making-a-scatterplot>

D3 and Javascript

* CSS Page Break: <https://stackoverflow.com/questions/1664049/can-i-force-a-page-jump-in-html-printing/1664058>
* D3 Heatmap: <http://bl.ocks.org/mbostock/3202354>
* D3 Scatter plot: <http://alignedleft.com/tutorials/d3/making-a-scatterplot>
* D3 Select Box: <http://bl.ocks.org/jfreels/6734823>
* D3 Colors: <http://colorbrewer2.org/#type=sequential&scheme=BuGn&n=3>
* D3 Map: <https://bl.ocks.org/mbostock/4060606>

Regards,

CSE-6242-OAN Course Staff