

Play it Again

Visualizing Data Using JavaScript

ToDos

Last module's homework

Popular javascript tools for data visualization

Digging into Google Charts

Digging into d3.js

This module's homework

Final presentation

Last module's homework

Solutions posted on GitHub

Popular javascript tools for data visualization

Google Charts

d3.js

processing.js

many others for charting

Digging into Google Charts

There are actually two libraries: Charts & Visualizations

You have already worked with these! (googleVis in R)

Now working with the js directly

Docs are at <https://developers.google.com/chart/>

Google Charts considerations

Not open source, can't be self-hosted!

Motion charts are Flash-based

Security is unclear

Digging into d3.js

Usually done on svg

Lower level but very well thought out

Extremely flexible

Method chaining

Good documentation at <https://github.com/mbostock/d3/wiki>

d3.js

Usually done on svg (<IE 9 issues)

Not intuitive at all

Requires CSS work

This module's homework

Get final approval on your proposal

Create a d3 AND a google charts visualization with your data

Reminder: spring break!

Next class is 5/1

