

Data Visualization

CST 205

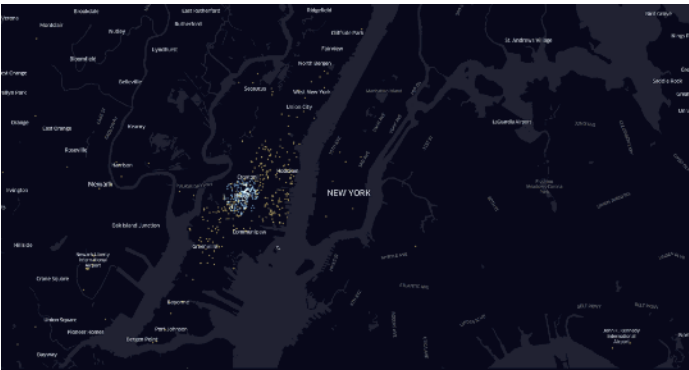
What is it?

- **Data visualization** refers to presenting data as pictures or graphics
 - Often BIG data
- Goal is to make complex information easier to understand
- Often interactive
 - For example, often possible to drill down into charts and graphs more detail

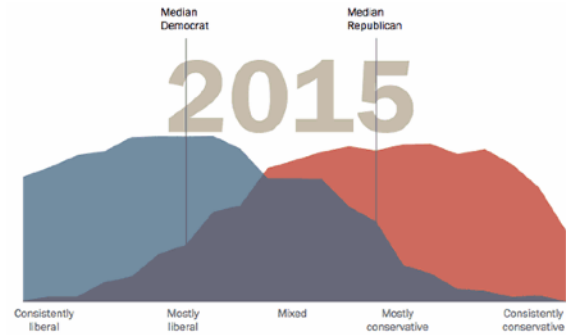
Tools of the trade

- Common to use a web browser as the presentation layer.
- Reigning champ is d3.js
- JavaScript library that uses SVG (and more!)





Political polarization in the American public, 1994 - 2015



Surveys conducted 1994, 1999, 2004, 2011, 2014, and 2015

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Bokeh

- Python library
- Generate charts **on** web pages
- Let's look at a few examples on the [Bokeh website](#)

