**Phase 1**

**Getting the request key**

**Key:** 7adf8bfea67e27e5edcaa228acef5db5cb905303

[http://api.census.gov/data/2015/acs1?get=NAME,B01001\_001E&for=state:\*&key=*7adf8bfea67e27e5edcaa228acef5db5cb905303*](http://api.census.gov/data/2015/acs1?get=NAME,B01001_001E&for=state:*&key=7adf8bfea67e27e5edcaa228acef5db5cb905303)

[http://api.census.gov/data/2015/acs1?get=NAME,B01001\_001E&for=county:\*&key=7adf8bfea67e27e5edcaa228acef5db5cb905303](http://api.census.gov/data/2015/acs1?get=NAME,B01001_001E&for=county:*&key=7adf8bfea67e27e5edcaa228acef5db5cb905303)

**Research and understanding**

<https://github.com/d3/d3-queue>

<https://runkit.com/npm/d3-queue>

<http://www.opengeocode.org/tutorials/USCensusAPI.php>

<http://bl.ocks.org/mbostock/4206573>

<https://bl.ocks.org/mbostock/4090846>

<https://bost.ocks.org/mike/map/>

<http://stackoverflow.com/questions/12652849/creating-and-accessing-2-dimensional-arrays-in-javascript>

<http://stackoverflow.com/questions/14028259/json-response-parsing-in-javascript-to-get-key-value-pair>

<http://stackoverflow.com/questions/10086167/d3-how-to-deal-with-json-data-structures>

<http://www.cartographicperspectives.org/index.php/journal/article/view/cp76-hunt/1312>

<http://www.npr.org/censusmap/#4.00/44.19/-82.86>

<http://www.nytimes.com/interactive/2012/08/24/us/drought-crops.html?_r=1&>

**From Slides – Key Points to focus**

Perception vs cognition

Popout channels

Use color and shape sparingly to make the information pop out.

Grouping

Colormap

Avoid rainbow colormap and instead choose the one with varying in saturation or luminance.

**Previous project reflection**

* Labelling everything, everything.
* Textual description of the dataset
* Include a good contrast in the charts
* Color choice with contrasting saturation is not okay (RGB) - having 100%
* Non-temporal variables for scatter plots- no time variables
* Document from day 01

**Project 2 learning**

* Make a group soon!
* Jump into data and clear out on outliers and defaulters.