Class 10 Notes: July 6

* d3 : 4.0 Map projections
* 4.0 color
* Lat and long: can be used across projections
* Can add to data shaper: other database
* Leaflet adds a googlemap layer to it, maybe a lot of stuff you don’t need
* Clone the repo, easier to access
* Longer datasets are smarter (Not wide).

Each map is drought areas, each is a new year.

* Nest by year

If you are having trouble with something, use a function to help to see how it looks like a slider, etc: Slider for scale to update the chart

id for type area

Can filter data OR also access it through the nest

.filter(function(d)

1 map to 60 maps in a tiny bit of extra code

values.d.id[0]

wont show you anything until its done

data.map: allows you to access the data by saying : nestedDroughtdata[2013]

use node to serve up img’s , scrolling window

react would be the fastest way to do this

limit the dataset to only a few

use a function that is updating it. Not redrawing the map function, only the drought info afterwards

class10v3: SVGs get bigger on hover

class10v4: Zoom in and out & Slider!! (Input based on threshold)

with a slider: class10v5

.on(“input”), function(){

var myValue = this.value

d3.selectAll(“counties”)

.style(“fill”, function(d){

return gunsLookup[d.id] > myValue

})

slider triggers the update, set timeout = javascript, this loops

on input: trigger a function

ZOOM:

On click, clicked. Clicked is a variable, k gets scaled