MINI PROJECT #1 – REVISITED

Get some CSV-based data from [here](#) or [here](#) or elsewhere

Your D3-based visual interface should be able to (all 10 pts):

1. pick a variable and bin it into a fixed range (equi-width) of your choice
2. create a bar chart of the variable you picked in 1.
3. respond to mouse clicks to cycle through all variables and update chart
4. only on mouse over display the value of the bar on top of the bar
5. on mouse over make the bar wider and higher to focus on it
6. on mouse click transform the bar chart into a pie chart (and back)
7. on mouse click create a force-directed layout using a chosen distance

An additional 10 pts for elegant implementation/function

Extra credit (10 pts):

- mouse moves left (right) should decrease (increase) bin width/size

We will provide a VM on the department web server where your code can be run public-access