

MINI PROJECT #1

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

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

- bin variables into a fixed range of your choice
- create a bar chart of each such variable
- respond to mouse clicks to cycle through the different variables
- only on mouse over display the value of the bar on top of the bar
- on mouse over make the bar wider and higher to focus on it
- on mouse click transform the bar chart into a pie chart (and back)
- 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

Submission on Blackboard
Due Thursday, Feb. 18, 2016