

Political Data Science Activity 4

With your group, figure out how to do the following

1. Run this code and change the sign of every odd number in x

```
x <- sample(-100:100, size = 100)
```

2. Subset 'x' so that it contains only numbers between 20 and 93
3. Make a new variable called 'catX' that has values '0', '1', and '2' based on whether 'x' is in the following ranges: 0=[-100, -30]; 1=[-29, 3], 2=[4-100]
4. Make a new variable that is subset of 'x' based on whether 'catX' is 1 OR 2
5. Make a new variable that is subset of 'x' based on whether 'catX' is 1 OR 2 but also only odd numbers.