Questions:

Visualization 1: We will visualize the 25-50 (undecided on number, will decide based on how cluttered the plot will look) most accused officers in a scatter plot. The X axis will show the number of allegations, and the Y axis will show the number of sustained allegations. On each dot, a hover will produce the specifics of the officer in a tooltip popup, displaying information such as but not limited to name, race, age, years on the force, district/beat assigned, and salary. We are interested in this for the greater project of exploring the general demographics of the largest offenders, and perhaps this can inform us which features are consistent across these most accused officers.

Visualization 2: We can look at the beats data for police officers on a choropleth map, and when hovering over a particular beat, we can inspect a more detailed breakdown for the police officers in that beat when it comes to certain factors we deem relevant for our predictions such as TRR to CR ratio, complaints to award ratio, average training hours, and salary changes over time.

Instructions:

In src, the link.txt file links to the observablehq webpage, and the cp3.ipynb links to the python notebook. Press play on the cells of observablehq webpage if a particular vis is not showing.