10:

Last time, we have visualizations of distribution of convictions by gender,……

11:

and number of convictions change for social harm, and number of convictions among 9 severity groups in 2009 and 2019,

12:

So for our new visualizations, we have a combined graph for the population of convicted criminals breakdown by types of social harms and different races in 2009 and 2019. From this graph, we can find that the number of convicted criminals has decreased in 2009-2019. (In 2009, the number of criminals convicted of “drug” is the largest, while in 2019, the social harm “person” has the largest number. Most of people in convictions are black.)

13:

We have three graphs for showing the trends of the sentence length for race, gender and age through 2010-2018. Because there are so many groups for age, so we focus on teens. From these graphs, we found that all of them are in decreasing trends, and the sentence length for teenagers in 15-17 is longer than people in 18-21, and the sentence length for male is longer than female.

14:

These three graphs are showing the trends of number of cases through 2010-2018. Also all of them are in decreasing trends. The total cases for black, males, and people in 18-21 are more than other groups.

15:

This is the home page of our demo; we are building it on Wix. In the right upper corner, we have a catalogue for the following pages which are “introduction, data description, hypothesis testing, and visualizations”.

16: Next page is the background and introduction of the project.

17: Then it’s the description of the datasets

18: For next these are pages for hypothesis and testing results and corresponding graphs.

19: Then, this is the page for visualization. On the top is the description for the graph, and we can slide down the page to see the full graphs.

There is a video of how does the website display. The graphs will change automatically.

21: None of us have worked for making website before,