Question 2a: What do we notice from this table? You should notice that there are values in our table that do not correlate with what we calculated above. Remember that we expect each prison to appear at most 276 times.

Answer: *YOUR ANSWER HERE*

Question 2b: Why might we want to use the difference between the two populations instead of just replacing the population with either count?

Answer: *YOUR ANSWER HERE*

Question 2.1a In looking at the graph produced, how does it reflect the systematic changes in California's potential prison population? In particular, name a court case that is related to the red marker in our graph.

Answer: *YOUR ANSWER HERE*

QUESTION 2.1b: Let's analyze our graph further; what do you think happened in 2006 that caused the spike we see?

Answer: *YOUR ANSWER HERE*

Question 2.1c: What can you immediately comment on by looking at the top three percentage values in our new column?

Answer: *YOUR ANSWER HERE*

Question 2.1d: What trends do you notice within the line plot?

Answer: *YOUR ANSWER HERE*

Question 2.1e: Consider the large gap between the two lines. Why is staff capacity much closer to 100% than designed capacity?

Answer: *YOUR ANSWER HERE*

Question 2.1f: Select any institution from the widget and analyze how that institution's designed capacity changed over time using the three highlighted points. Predict how the design capacity would compare with the staff capacity of that specific institution.

Answer: *YOUR ANSWER HERE*

Question 2.2a: Comment on the plot above. What are the differences between designed and staffed capacity? What are some patterns unique to female institutions? Why does the total population look almost identical to the male prisons percentages?

Answer: *YOUR ANSWER HERE*

Question 4a: In looking at the graph you produced, how does it reflect the systematic changes of California's potential jail population?

Answer: *YOUR ANSWER HERE*

Question 4.1a: Is there anything interesting that you see related to the percentages and years?

Answer: *YOUR ANSWER HERE*

Question 4.2a: Compare the totals plot (completed in section 4.1) to the one you just created. What kind of story does this plot reveal?

Answer: *YOUR ANSWER HERE*

Question 4.2b: Given the last graph from the previous notebook, compare your final results to the ones presented here. What story do these two data sets (Prisons and Jails) tell you when you look at them side by side? How do they show the impact of realignment? The graph is shown below.

Answer: *YOUR ANSWER HERE*