Data Exploration Tool

Below is a visualization tool with which users can explore the data and forecasts collected and generated in this project. Here are some helpful tips:

- All three graphs are identical and independent copies, presented so users can add various filters and make comparisons. For example, a user might want to compare "A" ratings with "B" and "C" ratings, respectively. Users can also compare across cities, states, trends, and population levels.

- Users can add multiple filters, but they function similar to an inner join. For instance, if you select "Los Angeles" and "OH", the graph will not return any results, as there are no data that Los Angeles and Ohio share.

- To undo your filters, select the "Undo" button at the bottom left of the page.

- The "Compare to All" checkbox enables a line that represents all data, for all cities, population levels, etc. This can be de-selected at any time.

- In the upper right hand corner of each graph, you can click on the camera icon to download your specific selection as a .png file.

- Because the data is left-skewed, the trends reflect the medians, not the means.

- The seasonal variation in hate crime data is consistent with seasonal variations in crime data in general.

- You can find the municipality data sources used in the Data Sources tab.