Police Data Analysis for Denver, Colorado, from years 2015-2019.
By Randy Leon

This dashboard was a look into how police calls can be charted and broken down to analyze where police attention and effort is going towards in the city of Denver, Colorado. This isn't crime data; this data from the Denver Police Department solely reports on vehicle and subject (persons) stops from the years 2015-2019.

Provide 1-2 paragraphs explaining the types of information that you would like your dashboard to convey. You do not have specific visualizations in mind at this point, but you should have an idea of the types of things you would like your users to be able to pull out of the data using your dashboard.

My dashboard looks at high attention districts, addresses, times, and problems encountered for police stops in Denver. I have a running theme of only using a top 10 or top 5 results measured to show where the most problems occur for these police stops. In my experience, police forces remind people when they will be stepping up enforcement. Data has to play a part in those campaigns. "Drive Sober or Get Pulled Over" and "Click It or Ticket" can be because police are seeing high number of the same reasons for stops/incidents and want to keep their communities safe.

My visualizations will help officers see appropriate assignments. If this data shows that more attention is brought to non-criminal activities vs. criminal activities, it can be deemed safer than the average jurisdiction in Colorado. This can mean it can be where senior officers have first dibs to transfer to to close out their last few years as a cop, since they have seniority (years) on the job. It can also mean it can be a good beginner proving ground for rookie cops to get a feel of what it's like to respond to these non-criminal dispatches before moving onto more intense jurisdictions.

In my assignment, I featured the use of switching between vehicle stops and subject stops. I quickly found out that the grand majority of stops are for vehicle infractions. (You are able to switch views in sheet 2, while viewing both as part of a whole bar in a bar graph in sheet 3.)

In addition, I found out how to incorporate an average line for sheets 1 & 4 for the total number of records in the dataset.