Let’s say you are a law student, and you need to learn about all the violations in this data set, to understand the likely outcomes based on many factors. Or you are someone who likes to break the rules and has a limited budget, so you need to find the most cost-effective rules to break to satisfy your inner demons. If so, this dashboard is probably not for you.

I wrote this dashboard from the point of view of a person who has been issued a parking citation and just wants to know about their specific violation and nothing else. In a way this is me, who earned a traffic ticket two days ago for rolling through a stop sign. If my violation were in this data set, I would tend not to look at anything else in it.

But the real reason I created this dashboard is to continue improving basic skills with tables, callbacks, graphs etc. The grid on the upper right to select a violation is a single-column dash ag table, using cellClicked as a callback input. I could have used a pull-down menu or radio buttons, but in cases were selection is 1 of many items the table seems like the best way. I would be interested to know if there is a better component for selecting from a long list? This list has only 8 items, but in many cases I work with much longer list and want the best solution for picking a value.

Something I learned and did not expect is that the amounts paid are much higher than the original fines. This is due to late penalties and things like that. But I wrongly expected amounts paid to be less as many cases end with reduced penalties.

A screenshot of a graph

AI-generated content may be incorrect.

Here is the code: