

LOS ANGELES PARKING CITATION

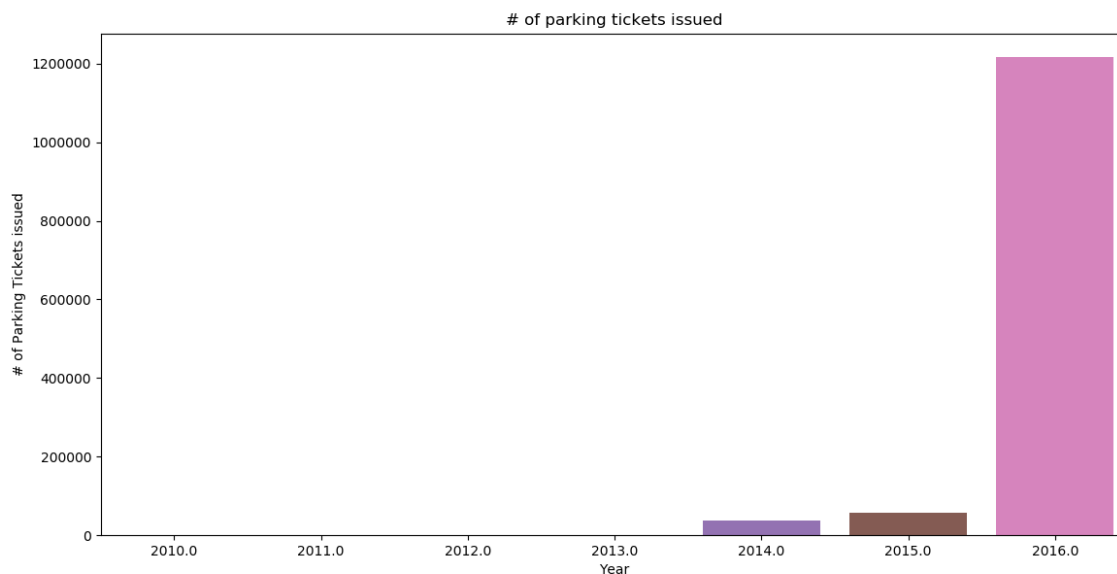
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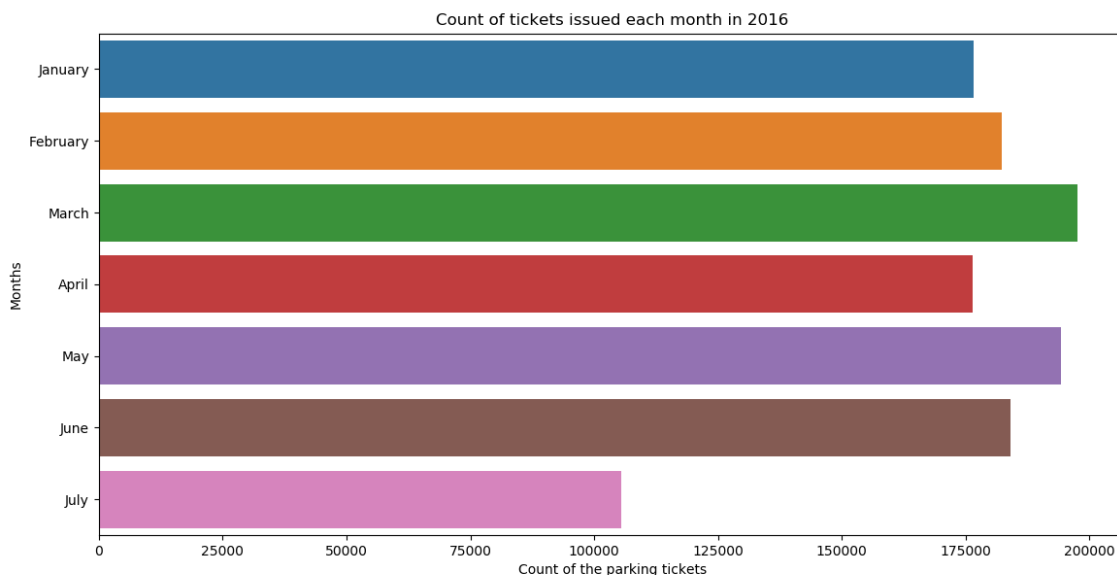


This dataset was taken from Kaggle. This dataset is maintained by Kaggle and it is updated every 24 hours.

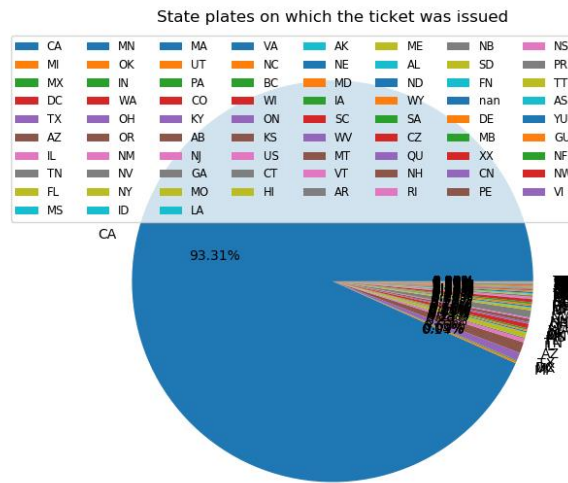
We first examine the number of parking tickets issued every year. Since this was a huge dataset and due to the hardware limitations, only 1,312,199 records will be taken into consideration, this set of records had very few records from 2014 and 2015 and majority of the data was from 2016 as you see in the graph below.



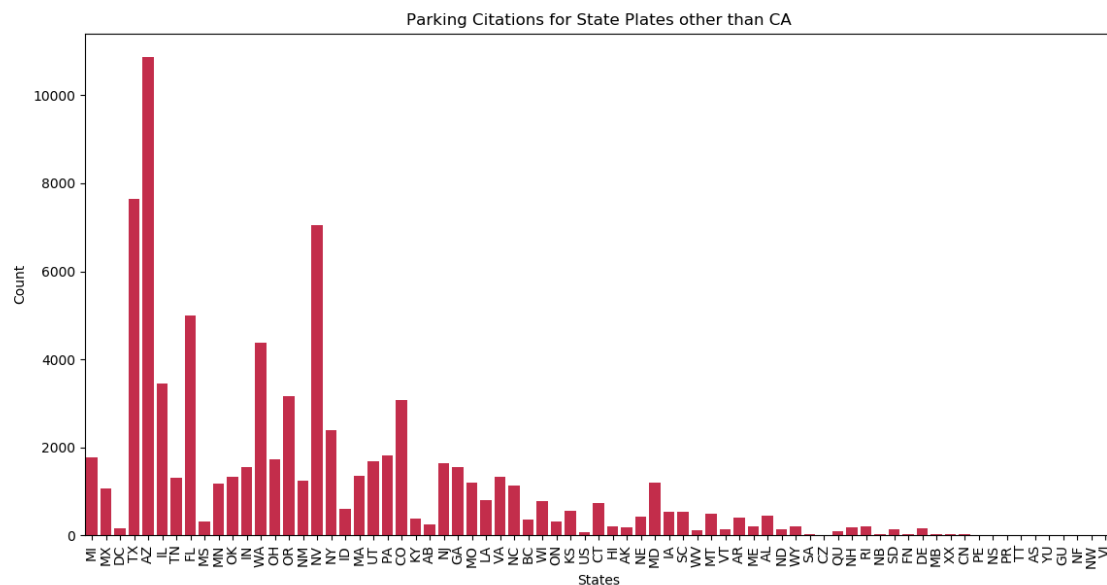
Since majority of the data is from 2016, here onwards we will be doing analysis only on the data from 2016. We analyze the number of tickets issued every month, and we have records from January to July due to the limited number of records imported into workspace. And we can see the distribution of the count over these 7 months. And please note that there wasn't a huge fall in the count in July. This is basically because the data has been limited.



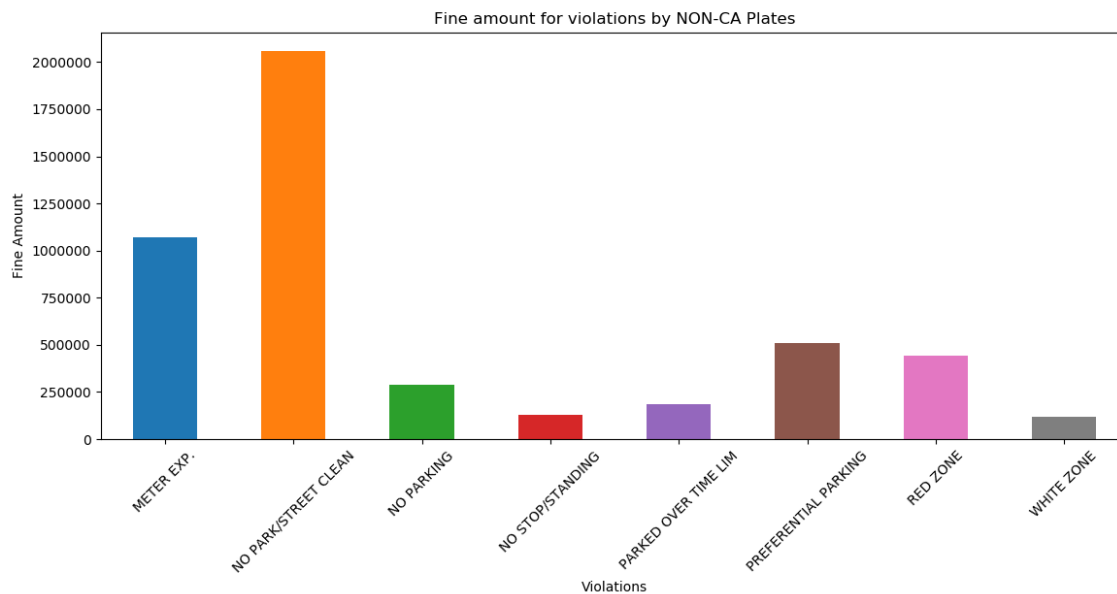
We then look at the State Plates who were fined, and we notice that 93.31% of those issued with the ticket were from California (CA).



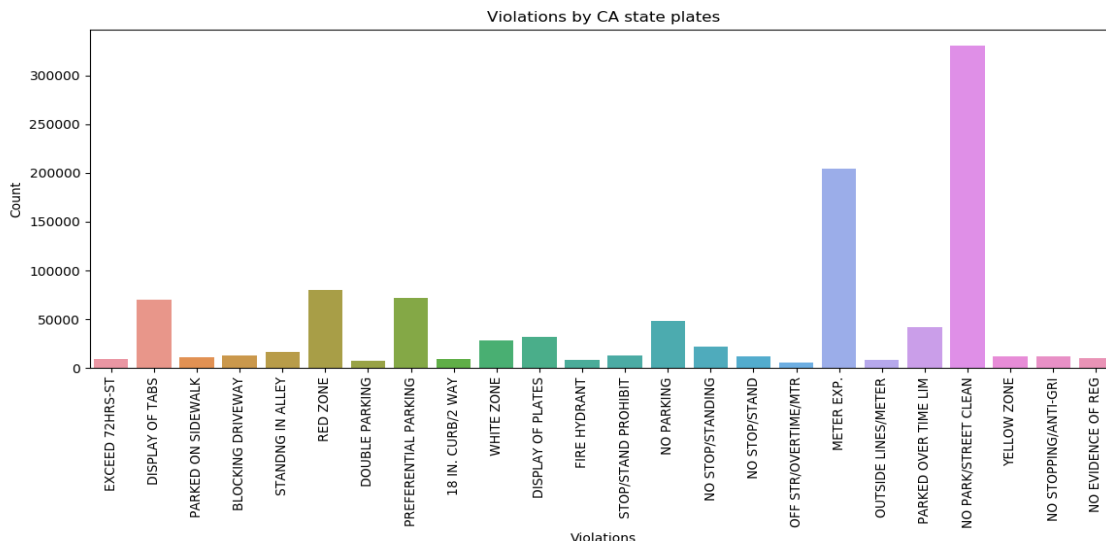
Since majority of the tickets were issued to CA registered plates. We look at the count of the other state plates that were issued tickets in Los Angeles. We notice that the highest number of tickets were issued to vehicles that were registered to the state of Arizona and then Texas.



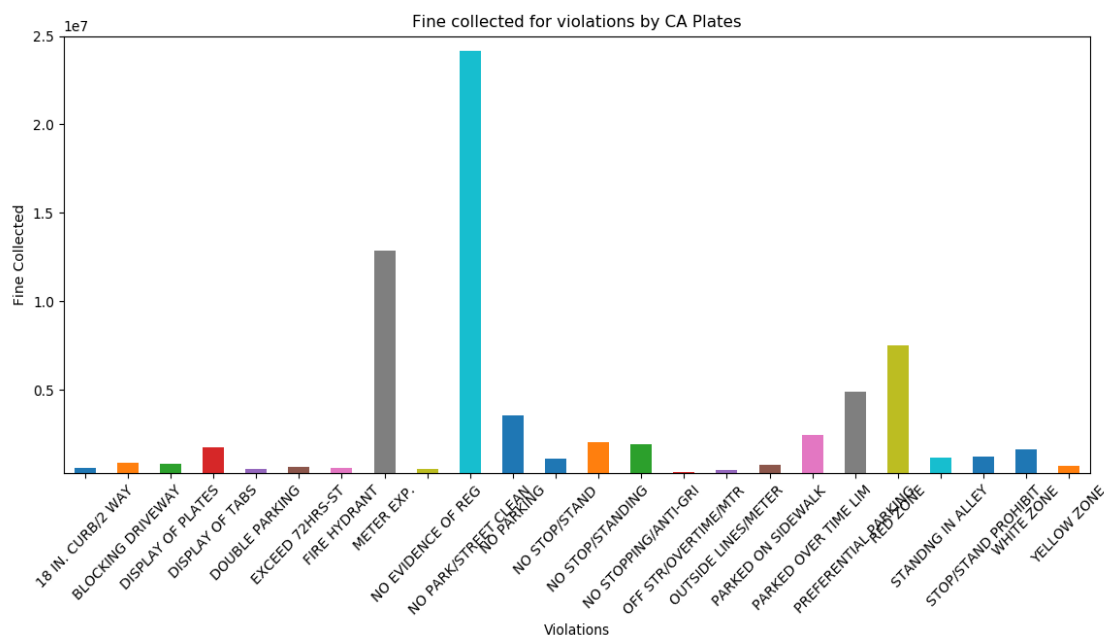
We now look at the amount of fine charged for these violations, and we see that No Park/ Street Cleaning has fined in total of \$2,000,000 and then Meter expired tickets have over \$1,000,000 fine amount.



We now look at the violations by the CA State plate vehicles, and we see the same analysis in terms of the rules violated.



And when we look at the fine amount, we see that the amount fined for No Park/ Street Cleaning is as whopping as \$25,000,000.



We then look at all the locations where the No Parking/ Street Cleaning tickets were most frequently issued. And we are looking at the locations where more than 50 tickets have been issued. And we can see that 6300 Commodore Sloat Dr had 179 tickets issued.



I have worked on this exam on my own. I have not copied the answers from other's work. I have not collaborated with others on this exam. I have not plagiarized any material presented in this answer document.

Signature of student: Adarsh Ravi

Date: Dec 12, 2019