The Congestion Pricing Plan in NYC

NY will become the first American city to charge fees to impose on vehicles that enter Manhattan below 60th Street. The Congestion Fees may start 2021, the plan was proposed by Gov. Andrew M. Cuomo. The drives will probably pay $12 to $14 for cars and around $25 for trucks during peak business hours and less at night and on weekends. If the drivers are low income, have disabilities or are going to medical appointments, then they may get several possible exemptions.

This plan becomes controversial. There are advantages and disadvantages. The bright sides are the financial help for the improvement and the constructions of the public facilities and of course, reduce the traffic volume, and the air pollution. The downside is the financial burden for those people who do not have a plan B for traveling in the city.

For my project, I would like to visualize the traffic by using the map of NY by using different colors for different time. It will be a similar project as Module 2. The heatmap is probably appropriate for this project. I also would like to explore the techniques of animation. I would like to try it because the animation works very well with the change of time.

The data I found is the traffic volume from 2014-2018 of NYC.
https://data.cityofnewyork.us/Transportation/Traffic-Volume-Counts-2014-2018-/ertz-hr4r
I also want to focus on 2017 and 2018 in Manhattan. The good part of this dataset is that it includes the names of streets and the time. Using python or R, I did not decide yet. However, I think I prefer python, also as we did in module 4. I like the dash in plotly. I think it is a neat tool for visualization.