CUNY SPS DATA 608 - Final Proposal

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Data Source:

The Motor Vehicle Collisions crash table contains details on the crash event. Each row represents a crash event. The Motor Vehicle Collisions data tables contain information from all police reported motor vehicle collisions in NYC. The police report (MV104-AN) is required to be filled out for collisions where someone is injured or killed, or where there is at least $1000 worth of damage.

Link: <https://data.cityofnewyork.us/Public-Safety/NYPD-Motor-Vehicle-Collisions/h9gi-nx95>

Background:

In our city and throughout the United States we are faced with multiple vehicle collisions on a daily basis. We are all aware that this is a huge issue. The reasons are for safety purposes. This dataset will show us the date, time, borough, location, number of injured, and killed. I believe this data can illustrate to us how the city can focus more on the places with the most causalities.

Tools:

For this final project, I will create an app using Plotly Dash to construct an interactive visualization of my dataset. The project will display the following.

* Date/Time
* Type of Accidents
* If the person was the driver or pedestrian