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CIDM-4310

**Dataset:** <https://catalog.data.gov/dataset/nypd-shooting-incident-data-historic>

This dataset shows every shooting incident that occurred in New York City between the periods of 2006-2019. I choose this dataset because it has many variables and I believe the findings from visualizing the data could be interesting. I am not a huge crime junkie, but this is the dataset I found to be the most interesting.

This dataset shows information about the shooting events such as the location, time occurred, and perpetrator demographics. This dataset shows the where and the who but does not show the why. However, I believe the where and the who data is enough to lead to some interesting findings.

I am not sure if this would be the best dataset for a BI dashboard, but I do believe a BI dashboard could facilitate the creation of things like locational heatmaps of shootings, most frequent location type where shootings occur, and most common perpetrator age range. I do not believe I’ll be doing anything that the NYPD aren’t already doing, but I believe the data visualized with the BI dashboard will prove to be interesting.

For this data, my vision is to create a BI interface that visualizes the data in this dataset to make it much more readable. To create this project, I first must come up with a more detailed project description and further determine my goals and objectives when I have more knowledge of proper BI interface design. I also must determine the key deliverable for this project to better understand project functionality and scope.

I will need to determine the dependencies and prerequisites needed to complete this project. Determining authors in contributors for this project is not that important as I will be the only author and contributor. I will also need to determine the list of inputs for requirements. In this case, the list of inputs I would need to determine are the list of reporting systems, reports, data shadow systems, and data source documentation.

Probably the most important part of planning a BI application is determining the requirements. I do not believe in this case that business requirements are completely relevant. BI functional requirements, however, are very relevant. I will need to determine the use cases, analytical styles, functionality, process workflow and user interaction for the BI interface.

Another important requirement for this project would be the data requirements. I need to make sure my data source is clean and consistent. I also need to determine the means of data integration. I do not believe regulatory and compliance requirements will be of a high priority in this project. However, determining the technological requirements for the project will be important.

As I have mentioned, some requirements have higher priority for this project than others. However, I need to further determine the priority of the requirements based on my preferences. Finally, the last deliverables I believe to be of importance to this project are issues and concerns. By determining the scope of this project, I can better determine my requirement priorities and create a schedule for deliverables.