**VisionZero README**

MPCS 53120 Final Project

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**Python Files** (for data parsing/wrangling)

* **Converter.py** – converted coordinate format from EPSG2263 (NY State) to EPSG4326 (WGS84 Universal Standard)
* **Filter.py** – Filtered for 2016 data and classified accidents at binary 0/1
* **Intersect.py** – checked whether an accident occurred at each street intersection, and recorded appropriate stats
* **Map\_attributes.py** – Outputs binary classification for presence of street attribute at a given intersection
* **Scratch\_jupyter.ipynb** – scratch Jupyter notebook for reading data

**Data Descriptions**

* Data\_dictionary – explains all vision zero metadata
* Intersections – basemap of all NYC intersections
* Accidents – raw and parsed accident data
* Initiatives – NYCDOT street initiatives
* Final – clean CSVs (we used injury monthly for final R doc)

**Final\_project.rmd/html** – All analysis contained in the R doc, can view in html form

**Final Presentation** – Project presentation