VisionZero README

MPCS 53120 Final Project
Jason Goode & Jordan Zandi
5/29/18

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