As a motorcyclist, I have a keen interest in traffic related data, especially accidents. Well known to the riding community is a report from 1981 generally referred to as the Hurt Report which examined factors related to motorcycle safety. In a similar vein, I would like to study a more recent traffic accident data set to determine if there are any patterns to be found related to accident severity and motorcycles.

However, there is potentially much more to be learned from this data, so I do not intend to limit my analysis to motorcycles. The data set I intend to use was collected by Allegheny County / City of Pittsburgh / Western PA Regional Data Center and made available via Data.gov. The link to the data set follows at the end of this document.

This data set appears to provide several opportunities for preprocessing, statistical analysis and visualization, categorization, and prediction. Therefor I think this is a suitable data set for the final project.

Hurt Report: <https://en.wikipedia.org/wiki/Hurt_Report>

Data set source: <https://catalog.data.gov/dataset/allegheny-county-crash-data>