

Target readers: SPD or Traffic controlling team

Capstone Project Report

This report gives an overview of the business problem that project is going to solve and an introduction to the data set available. Also, we will define what are the steps we are going to take.

Business Problem:

The result of this study can be used by the authorities (**SPD or Traffic controlling team**) to be better prepared for accidents in the scenarios identified as critical. Also, if made publicly available people can use it to plan their drive.

We already have a data set of Seattle's car accidents. The collision data provided by SPD and traffic records from 2004 to present year.

Our goal is to find what different elements (obvious and non-obvious) resulted in an accident. Also, we will find combination of what scenarios increases the severity. A model developed with this information might help the SPD and traffic control to be well prepared in some time intervals or some weather conditions.