

Data

A description of the data and how it will be used to solve the problem.

The data we will use is provided by the SDOT Traffic Management Division and contains data of all types of collisions that happened in Seattle from 2004 to May/2020.

The data contains 194,673 samples and has 37 features that covers the weather and road conditions, collision factors and fatalities.

I will examine this data in detail in order to attempt to answer the question. I will do this by preparing the data to make the dataset readable and then apply 3 classification models on it. I will then discuss the results and apply conclusions for the report.