

Accident Severity Prediction using Seattle Accident Dataset

(Applied Data Science Capstone Project)



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Introduction | Problem Understanding

Vehicular accidents, no doubt, cause damage to people involved in the collision and also damage to property. The severity of harm/damage caused by such accidents is dependent on a large number of factors. Attempts to study existing data documenting collisions may lead to insights into common factors which may have a part to play in determining the severity (property damage or injury to humans) caused by the accident.

Application Perspective

The insights gained by such a study would help concerned authorities in making changes to some of the external factors in reducing the severity of the accident. This could also help the public in being cautious while driving when some common factors may be evident.