# Predicting Accident Severity in Seattle using Weather, Road conditions and Light conditions.

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## 1 Introduction/ Business Problem

In this project the Seattle accident Data will be used to predict the accident severity based on the weather, road and light conditions. Four models are then used to find the best classifier namely a decision tree, a support vector machine, K-Nearest Neighbors and Logistic Regression. Ultimately the purpose of this work would be to warn drivers before they embark on a journey of their odds of running into problems on the road.