

Prediction of severity of road accidents using multiclass classification

Data

Data contains all collisions provided by Seattle Police Department (SPD) and are recorded by Traffic Records. This data set includes all types of collisions, their severity, various sub-categories of conditions involving the accident. The time span for this data set ranges from 2004 to Present. In this analysis I will be classifying severity of road accident using factors such as Whether or not a driver involved was under the influence of drugs or alcohol, weather conditions during the time of the collision, The condition of the road during the collision, Whether or not speeding was a factor in the collision, and the light conditions during the collision.