

CAR ACCIDENT SEVERITY PREDICTION

Introduction / Business Problem –

In this project we are attempting to predict the severity of accidents occurring in the US. We will be utilizing the provided data set available in the Kaggle repository using the number of people and vehicles involved in the accidents in the past and what kind of accidents had occurred under which circumstances.

This project can help make decisions to improve the Road Conditions, lighting conditions, etc. which can be considered as couple of factors in the past accidents.

Data Set

The data set used for this project is available at the below link –

<https://s3.us.cloud-object-storage.appdomain.cloud/cf-courses-data/CognitiveClass/DP0701EN/version-2/Data-Collisions.csv>

This data set contains the driving conditions, the number of people & the vehicles involved in the accidents, and the corresponding severity of the accident.

This data set is an unbalanced data set and many data transformations are required in order to start playing with the data.