Capstone Project – Car accident severity

Business Problem:

According to the wandering RV website, car accidents cause an average of 3,287 deaths per day worldwide. It also states that automotive crashes rank as the 9th leading cause of death and account for 2.2% of all deaths globally. It also states that road crashes and road traffic deaths cost USD $518 billion globally, costing individual countries 1-2% of their annual GDP.

If people could be warned about the possibility of getting into a car accident and how severe it would be, this will definitely help decrease the number of car accidents.

This project aims to help the car owners know the situations and variables that might cause them into getting into car accidents. It’s considered a classification problem, where we classify the severity of car accidents for the recorded accidents. It will also help in determining the most important features that contribute in getting into a car accident.