

# **Car Accident Severity**

## **Business Problem**

Accidents due to vehicles result in deaths of approximately 1.35 million individuals around the world every year and leaves 20-30 million more with severe injuries.

A number of factors contribute to the risk of collisions, some of which are listed below:

1. Vehicle speed
2. Driving skills of the driver
3. Diverted attention of the driver or consumption of alcohol/drugs
4. Road Design
5. Environmental factors

These accidents can result in severe physical injuries from paralysis to even death.

## **Target**

This project is basically an attempt to build a machine learning model with the help of data science to predict the car accident severity and possible ways to reduce the same.