# Introduction

## 1.2 Problem Statement

Most car crash event results either in the loss of human lives or property, or sometimes both. The crash data is mostly restricted to front-seat occupants and various factors affect the severity of the crash like whether car was equipped with air bag, seatbelt etc. The project aims to predict the severity of the car crashes based on these parameters. These findings would be critical in understanding the circumstances that led to the accident and restricting certain drivers to repeat these incidents

# Data acquisition

## 2.1 Data sources

The car crash data used for the project can be found in Kaggle [here](https://www.kaggle.com/prasannakm/car-crash-dataset). The data comprises of information of car crashes of years from 1997 to 2003. Total of 25000+ incidents would be used in this project for developing and testing the model to predict the severity of the accident. The data captures various factors like