

# INTRODUCTION

## **Problem:**

Road accidents are a major world economic and social problem as shown by the report of loss of lives and properties in many countries around the world. Reporting indicated the number of fatalities from road accidents per year of about 1.3 million and 50 million injuries were recorded or an average of 3000 deaths/day and 30,000 injuries/day. Furthermore, its consequences have an impact on economic and social conditions in terms of health care costs of injuries and disabilities.

## **Solution:**

In data science after getting the problem the next step is data collection. So to get solution for this problem i will collect data from trusted source and data should be large efficiently because data is backbone of any analysis. I will search for data which should include major reason of accident such as road condition, weather condition, visibility, traffic condition etc. Then I will follow standard procedure of model building starting from data cleaning, feature selection and then trying for different models. Final model selection will be based on accuracy of model.