# Machine Learning Model

## Problem Statement

Anyone would rejoice over the fact of taking a drive to a new city. Little is known about the hazards involved in taking up an unknown driveway. A driver approaching the road is unaware of the traffic, weather conditions, visual distance, etc. Thereby, the chances of him/her meeting up with an accident is high and the severity of the accident occurrence in a particular road is not known. Given a scenario, if the driver is provided with a prediction to estimate the severity of accident in for a given weather, light conditions, etc. he/she will be well equipped to take a uniform decisions and drive carefully.

This stakeholders for this model would be

1. Drivers who are about to get onto a motorway
2. Emergency response team who should be on alert based on traffic and weather conditions
3. Pedestrians or cyclists who are about to get on to the road for quick getaway