

2. DATA

I collected the dataset from the UK government's official website; the government authorities amassed the traffic information based on numerous reports from the police.

The dataset can be accessed by clicking the following link-

<https://data.gov.uk/dataset/6efe5505-941f-45bf-b576-4c1e09b579a1/road-traffic-accidents>

For the sake of simplicity and convenience, I rather chose to study the data for the years 2014 to 2016. Also, this being my first project of the kind, I preferred to go for a less complicated data set.

The data of the accidents have been recorded based on these following fields:-

- Reference Number
- Grid Ref: Easting
- Grid Ref: Northing
- Expr1
- Severity
- Day of the week
- Time (24hr)
- 1st Road Class
- Road surface
- Accident date
- Weather condition
- Lighting conditions
- Number of vehicles
- Casualty class
- Sex of casualty
- Age of casualty
- Type of vehicle

I will try to scrape out the necessary parameters like the road conditions, casualty type, etc, from this data to put up a proper understanding of the accident severity. More facts regarding the handling of the dataset would be dealt with in the Methodology section.

