



Traffic accidents analysis in the UK and forecasting their severity.

This project is analysis on U.K accidents data from year 2005 to 2015. There are some questions that can be answered using this data such as.

- What are the regions or areas with most frequent accidents?
- What kind of street or highways are more likely to have accidents?
- What are the age group are most likely to be involved in accidents?

These questions will be answered in my presentation, God willing .

I will use three types of data: accidents, injuries and vehicles .

Accidents : The use of accident data contains important information for me, namely, the location of the accident, the severity of the accidents, the number of vehicles, the date of the accident, the day of the week

Injuries : Use of injury data contains information such as, vehicle reference, injuries reference, injury category, age of the victim, age group of injuries, severity of injury, vehicle occupants

Vehicles :Vehicle data usage contains information such as vehicle_signal and vehicle type
Vehicle industry, intersection site, vehicle sliding and rolling,

I will use from the libraries: datetime, pandas, matplotlib.pyplot, numpy, seaborn, sklearn.model_selection, LogisticRegression, accuracy_score, classification_report, DecisionTreeClassifier, RandomForestClassifier,