Capstone Project - Car accident severity (Week 1)

**Data Description:**

* The data for this project is obtained from a user on Kaggle and was composed from information on the United Kingdom’s Government Open Data website.
* It consists of two different datasets that contain information from 2005 2017 that were combined on a common field (accident\_index).
  + Vehicle\_Information.csv: A file containing information about the vehicles, point of impact, maneuvers made, driver information, etc.
  + Accident\_Information.csv: A file containing details about the accident that include location, junction details, date

**Data understanding:**

In this phase, dataset will be collected and extracted from a source’s csv file. Then, attributes (columns) will be selected that will use to train your machine learning model. Also, assess the condition of chosen attributes by looking for trends, certain patterns, skewed information, correlations, and so on.

**Data Preparation:**

The data preparation includes all the required activities to construct the final dataset which will be fed into the modelling tools. Data preparation can be performed multiple times and it includes balancing the labelled data, transformation, filling missing data, and cleaning the dataset.