Data description

Our goal in this project is to build a machine learning solution to predict the severity of traffic accidents. Data that will be used for analysis was obtained from the UK government open data portal website. Dataset was downloaded as CSV file and includes records of traffic accident that took place in Leeds, UK in 2017. The raw sample has a total of 2203 accidents with 15 columns. The main target variable is "Severity" which is a categorical variable that supports 3 classes: "Fatal", "Serious", and "slight". The attributes include the time and date of accident, road type where the accident occurred, the state of road surface, weather conditions, as well as age and gender of drivers.