Dataset: For building the machine learning model, the dataset that I used is the shared data for Seattle city. The given dataset has 37 fields and 194673 accident records. It has data from year 2004 to year 2020. There are three types of location for accidents (Alley, Block and Intersection). There are two severity types in the data (1, 2). Not all the columns will be used to train the model. Also this dataset is unbalanced and needs to be balanced as numbers of severe accidents are less than non-severe accidents.