

1. Information

This dataset contains driving conditions, the quantity of individuals and vehicles associated with the mishap and the seriousness of the mishap.

There were a few issues with this dataset. A few records were missing significant information required for this calculation. To fix this, I chose to drop the line by and large.

2. System

In the wake of clearing the information, I fabricated three diagrams. One was a basic structured presentation showing a seriousness code dependent on its recurrence. This plot reveals to us that the seriousness code 1 was the most widely recognized in the dataset. Another diagram I made to see the information is crash code and recurrence. As in the past case, it shows the quantity of certain crash code.

The last chart beneath (red) is equivalent to the diagram above (blue), then again, actually it shows crash with wounds.

3 Results

I found that a K estimation of 9 gives the most elevated accuracy around 0.699. Utilizing the KNN model, I got about 68.5% precision in foreseeing the seriousness of the fender bender.

4. Conversation

In light of the outcomes, I accept that on the off chance that I included more factors to foresee target variable, seriousness, exactness would be higher.

5. End

In this examination, I broke down the connection between the quantity of individuals harmed, the quantity of vehicles harmed, the kind of crash and the degree of the impact.