

Introduction/Business Problem

Globally, road traffic injuries are currently estimated to be inclusive of the eighth leading causes of death across all age groups. Occasionally these traffic injuries are influenced with multiple factors which some of which include wreck less driving, drunk driving, negligence on the road, bad weather conditions, special events, traffic jams, and lastly bad infrastructure.

Analysis of some of the above mentioned contributions to road severities to make a model for predicting the chances of these accidents can be designed and implemented for future use.

Such insights, could allow law enforcement bodies to allocate their resources more effectively in advance of potential accidents, preventing when and where a severe accident is bound to occur. By so doing, it will result in saving resources, life and unnecessary expenses unaccounted for. If the system is well adopted, and cities trust the predictions from the model, nations could be forewarned before the execution of accidents by announcing on radios, and broadcasting on televisions which routes to use on a particular day to avoid traffic jams or to suffer the effects of bad weather.

Governments should be highly interested in accurate predictions of the severity of an accident, in order to reduce the time of arrival and thus save a significant amount of people each year. Others interested could be private companies investing in technologies aiming to improve road safeness.

Why run costs for rushing the injured to the hospital, fuelling fire trucks to accident scenes to rescue the injured when it can be avoided before it happens. As with most Governments that have its people at heart, they should be more interested in adopting the severity predicting systems for the safety of its people.