Predicting the improvement of accidents in Bengaluru(India)

Introduction

Background

Bangalore, officially known as Bengaluru, is the capital city of the Indian state of Karnataka. It has a population of over ten million, making it a megacity and the third most populous city and fifth most populous urban agglomeration in India. It is located in southern India on the Deccan Plateau at an elevation of over 900 m (3,000 ft) above sea level, which is the highest among India's major cities. Cars were involved in the highest number of road accidents in Bengaluru records show. Cars, taxis and jeeps were part of 1,473 (32%) of the 4,611 accidents reported in the city in 2018. They were followed by two-wheelers (1,337 cases), Tempo Travellers (482), trucks (392) and buses (360).

Question

Which areas of the city Bengaluru needs improvement in traffic rules abiding?

Audience

Authority of traffic rules in bengaluru can process measures to take prevent accidents in the most accident prone areas.

Data

The dataset for accidents in Bengaluru (2018) is available on kaggle:

https://www.kaggle.com/akshay3dixit/bangalore-accident-data-2018/version/1#

The dataset contains a csv file with attributes:

1.)Latitude

2.)Longitude

3.)Date

4.)Address

5.)Time

To describe each accident.