REPORT ON ACCIDENT LOCATIONS ON INDIAN ROADS

Dear Sir,

We the members of the team RIT-UNCALLED THREE(Balapremika.K , Bavatharani.G , Dhanasree.K) are working on the project title "**ACCIDENT LOCATIONS ON INDIAN ROADS".**

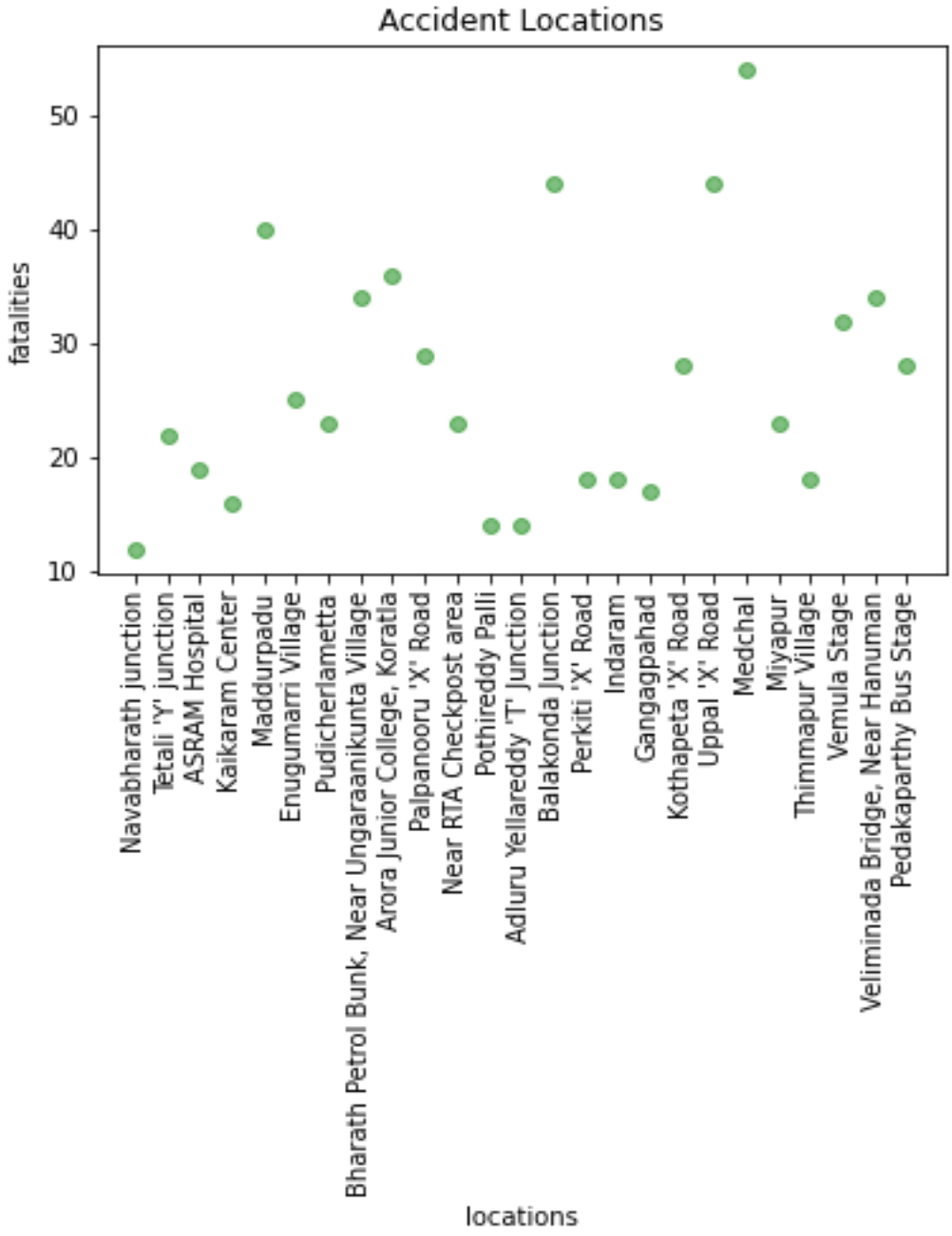
ABSTRACT:

Speed is one of the basic reasons for vehicle accident. Many lives could have been saved if emergency service could get accident information and reach in time. Nowadays, GPS has become an integral part of a vehicle system. We have used python to build a scatter plot for the analysis. We have used Kepler.gl for detecting the location of accidents.

INTRODUCTION:

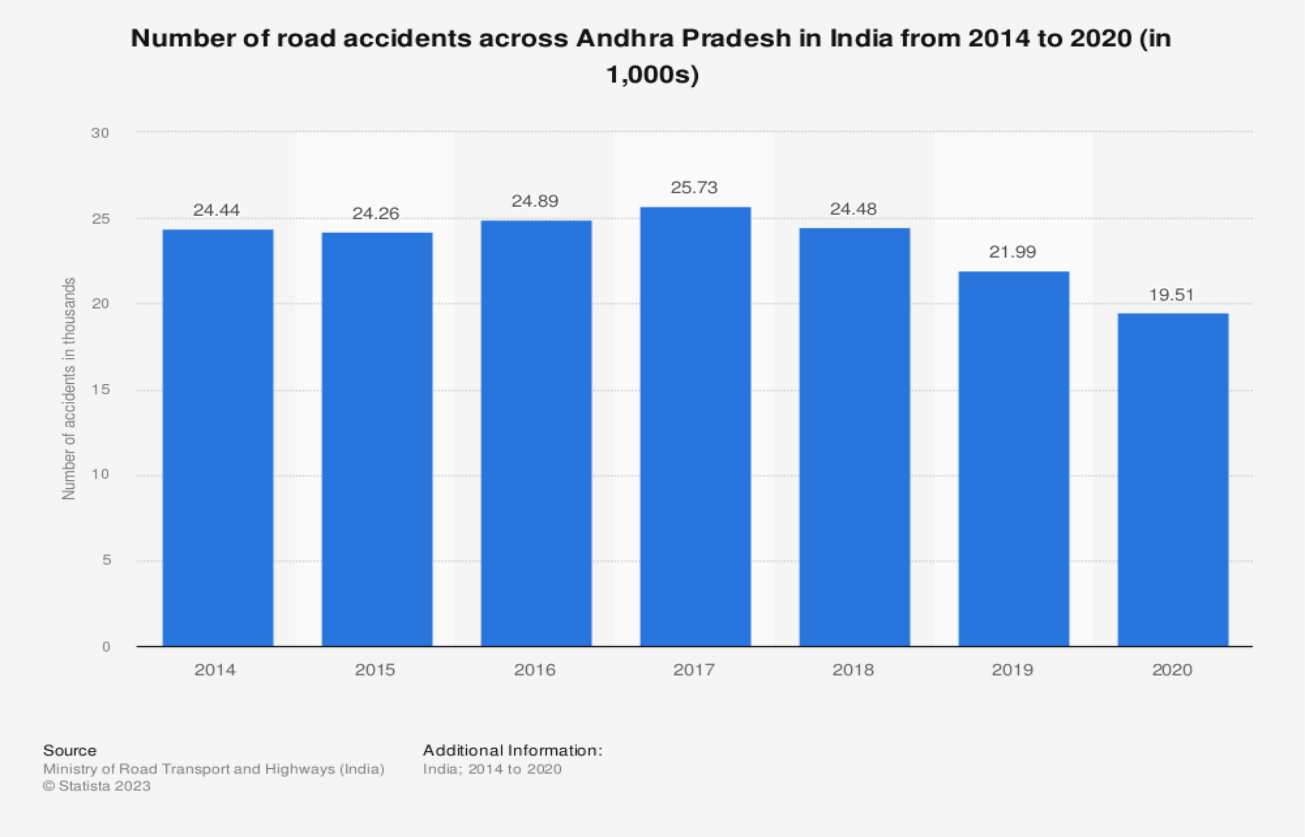
India ranks first in the world for the number of accidents and lives lost on the roads. India has only 1 % of the vehicles in the world,but has 11% of the accidents in the world. We have successfully downloaded the dataset from https://morth.nic.in/ where the ministry of road transport and highways has recorded the number of accidents that occur in our day to day

life.We have used python to build a scatter plot for the analysis.



The aim of this project is to detect accident location on Indian roads. We have taken the state of Andhra Pradhesh to detect the blackspots and number of fatalaties in the areas of Andhra Pradesh.

RELATED WORK:



Due to covid ,The number of accident in India has reduced.Nowadays ,The number of accidents are increasing, so blackspots are introduced.

DATA SOURCES:

We have used the following libraries:

- Pandas
- Matplotlib

We have used matplotlib library for plotting x axis and y axis .And we have used pandas for storing dataset

WORK:

- Blackspots in a chosen geographical area(Andhra Pradesh)

REFERENCES:

- https://morth.nic.in/
- https://kepler.gl/