

PROBLEM STATEMENT: As there is increase in crime rate nowadays in every city, women and children are unsafe while travelling. A woman/child may have different routes to reach the same destination from a particular source. It will be very good to provide her/him the safest route for travelling to ensure their safety and security.

PROPOSED SOLUTION: Our idea is to train a machine learning model for different routes using dataset of intermediate places in between and assigning a crime value to each route and then display the safest route(having least crime) on the google maps. Following the predicted route on map the person can reach his/her destination more safely than the other routes leading to same destination.

IMPACT: With our idea getting implemented there will be decrease in crimes like rape, harassment, kidnapping etc, women and children will feel safe while travelling without any fear in late nights by travelling on the safest route predicted and shown by our machine learning model on google maps.

Not only women, men will also get benefited by this model to make them travel on the route having less crimes like burglary, murder etc.