



How it works?

classification is implemented to find out the weight of different attributes for the severity of accidents. Then, using association algorithm, the most frequent conditions in accidents are extracted. Finally, we tried to identify the risky locations in the city using clustering method.

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Outcomes

Despite the common belief, the results indicate that most crashes occur in typical situations where drivers consider less risks of accidents. Hence, alerting the drivers even in a normal condition using road signs would definitely reduce the chance of accidents and consequently the injuries.

Identifying risky collision areas in Montreal and the contributing factors

What is it?

It is essential to investigate on the contributing factors which leads to social suffering. The main purpose of this project is to detect risky areas and its contributing factors in Montreal city. Investigating on risky areas not only saves lives, but it is also beneficial to the society, leaders, and insurance companies.

What is new and distinctive about your project?

People lives matter, hence our project is to identify areas with severe condition of accident. What we aim is to decrease accident rate through working on contribution of different factors in accident.

