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According to DRIVERKNOWLEDGE.COM, the average number of car accidents in the U.S. every year is 6 million leaving more than 90 people dead in car accidents every day. 3 million people in the U.S. are injured every year in car accidents. Also, around 2 million drivers in car accidents experience permanent injuries every year. Most of these cases have 1 in 7 people not wearing seatbelt while driving.

Research has shown that:

- seatbelts reduce the risk of death by 45%.
- seatbelts cut the risk of serious injury by 50%.
- people not wearing a seatbelt are 30 times more likely to be ejected from the vehicle during a crash.

Car crashes are one of the most common causes of death and injuries. Car accidents may be caused by several factors such as over speeding, Inattention/Distracted Driving, Defective Equipment/Poor Vehicle Maintenance, Intoxicated Driving Accidents (DUI), etc.

Seattle like any other places in the US face this same problem but looks more rampant here. The problem is Seattle has car accidents that can be prevented. Accidents happen at all times, but if the main causes of accidents aren't determined, advance warning or mitigating methods cannot be performed. For example, certain intersections may be more

susceptible to accidents due to heavy use by vehicles, as a result, better lightening systems could be created on such streets.

If it is determined that accidents occur the majority of a time a driver is speeding, has a high blood alcohol level, or was not paying attention, the data can be used as evidence for enacting harsher laws and regulations.

In addition, the data can be advertised for safe driving awareness creation. Analyzing an important array of factors, including weather conditions, speed, construction work, special events, traffic jams among others, may lead to an accurate prediction of the severity of the accidents. The results of this data can solve the problem of accidents in Seattle.

TARGET AUDIENCE

The target audience of this analysis is the Seattle government and transportation department. Key causes of accidents and trends for when accidents can be prevented.