

Predicting the Car Accident Severity

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1. Introduction

1.1 Description of the background

A traffic collision, also called car accident one of the deadliest accidents in our life. Every year millions of people died on a road, for example in 2013 54 million people worldwide sustained injuries from traffic collisions. About 68,000 of these occurred in children less than five years old. Almost all high-income countries have high death rates, property damage as well as financial costs to both society and the individuals involved. Therefore, this is important problem for hundreds of countries in the world and, especially, for modern cities there number of individual transports increase every year.

1.2 Problem

Various factors contribute to the risk of collisions as well as the number of people involved in this collision including speed of operation, road environment, driving skills, impairment due to alcohol or drugs, and behavior, notably distracted driving, speeding and street racing.

This project aims to predict car accident severity based on this factors and dataset which used in this project must include this feature.