



Predicting Crash Severity for Vic Australia

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Table of content

- ❑ Introduction
- ❑ Data Acquisition
- ❑ Data Wrangling and Cleaning
- ❑ Data Understanding
- ❑ Methodology
- ❑ Result
- ❑ Discussion
- ❑ Conclusion
- ❑ Appendix

Introduction

Traffic accident happens every where in our life.

How to reduce/avoid accident, it is always one of key target of transport department. before that we need understand What the factors are effecting traffic crash severity?

- ❑ Transport department would know that and take actions for accident reduction.
- ❑ People should know that and take carefully deal with various situations.
- ❑ Car vendor would have those information to improve safety equipment/sensor for car.

Data Acquisition

❑ To solve the problem for analysis, following data are expected as sample.

- Environment: Weather, road condition,
- Day and time: Weekday, Weekend, Time
- Person: Driver, Age, Numbers, Drug, Alcohol, seatbelt
- Traffic Control: Signalling, Stop Sign
- Location: Intersection , Corner

❑ Found Victoria Australia's data between 2013 and 2019

- <https://discover.data.vic.gov.au/dataset/crash-stats>
- Multiple csv file cover whole data.
- But some expected data could not find. Such as seatbelt status, drug / alcohol status,

