

Project Proposal

Causes of road accidents in Victoria

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Questions

- a. What are the main categories of road accidents in Victoria?
- b. How speed limits affect the severity of accidents in VIC?
- c. The impact of traffic flow on the number of accidents.

Data sources:

- a. Fatal and injury crashes on Victorian roads during the latest five year reporting period.
- b. Traffic volumes for freeways (excluding toll roads) and arterial roads in Victoria. The annual average daily traffic volume is provided, including the number of commercial vehicles

The data source a will allow me to answer question a and b for the VIC, while the combination of data source a and b will allow me to answer question c.

Description of data sources:

1. Tabular data: 74909 rows x 61 columns It has both spatial and numbers as well as some simple text.
(<https://discover.data.vic.gov.au/dataset/crashes-last-five-years1>)
2. Tabular data: 14675 rows x 50 columns It has simple text and numbers.
(https://vicroadsopendata-vicroadsmaps.opendata.arcgis.com/datasets/5512df2ff41e4941bacf868053dbfba9_0/data?selectedAttribute=ALLVEH_CALC)