CRASH STATS

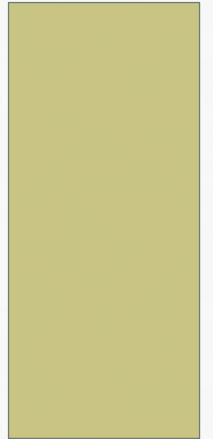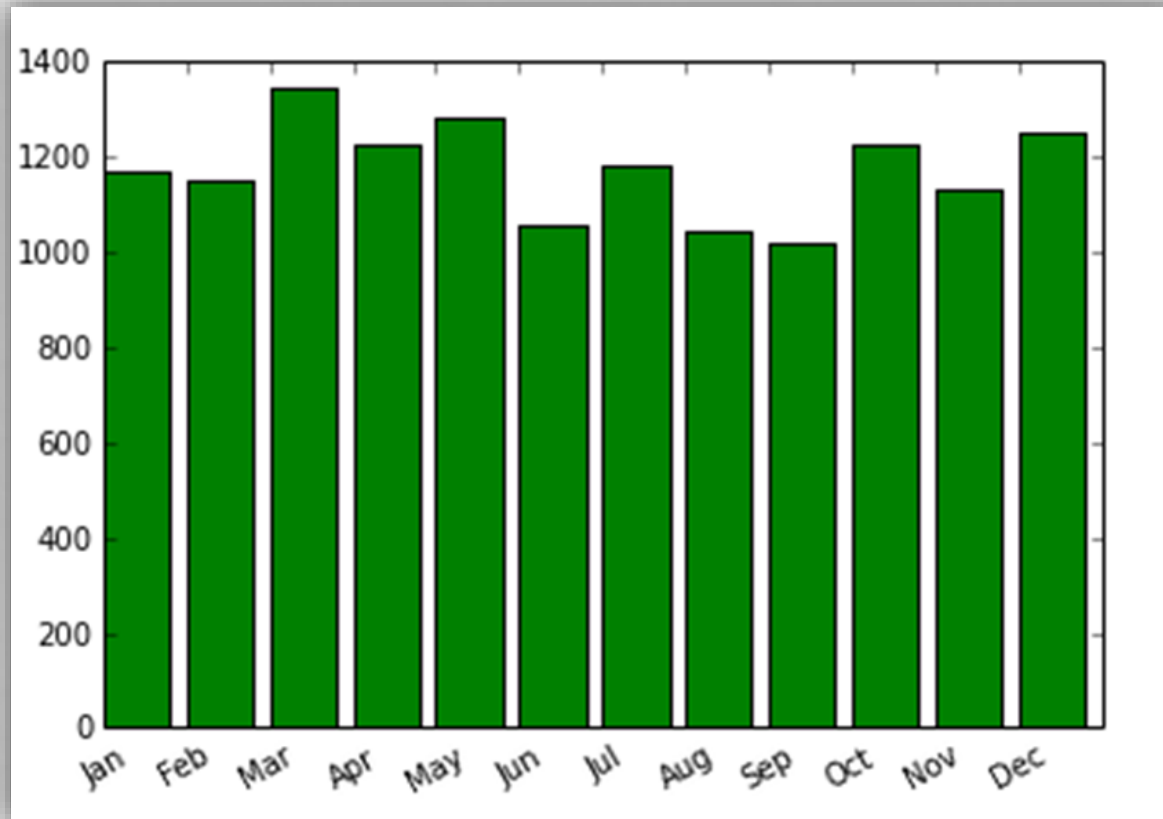https://www.data.vic.gov.au/data/dataset/crash-stats-data-extract

LIA

IVAN

HAVE A GUESS
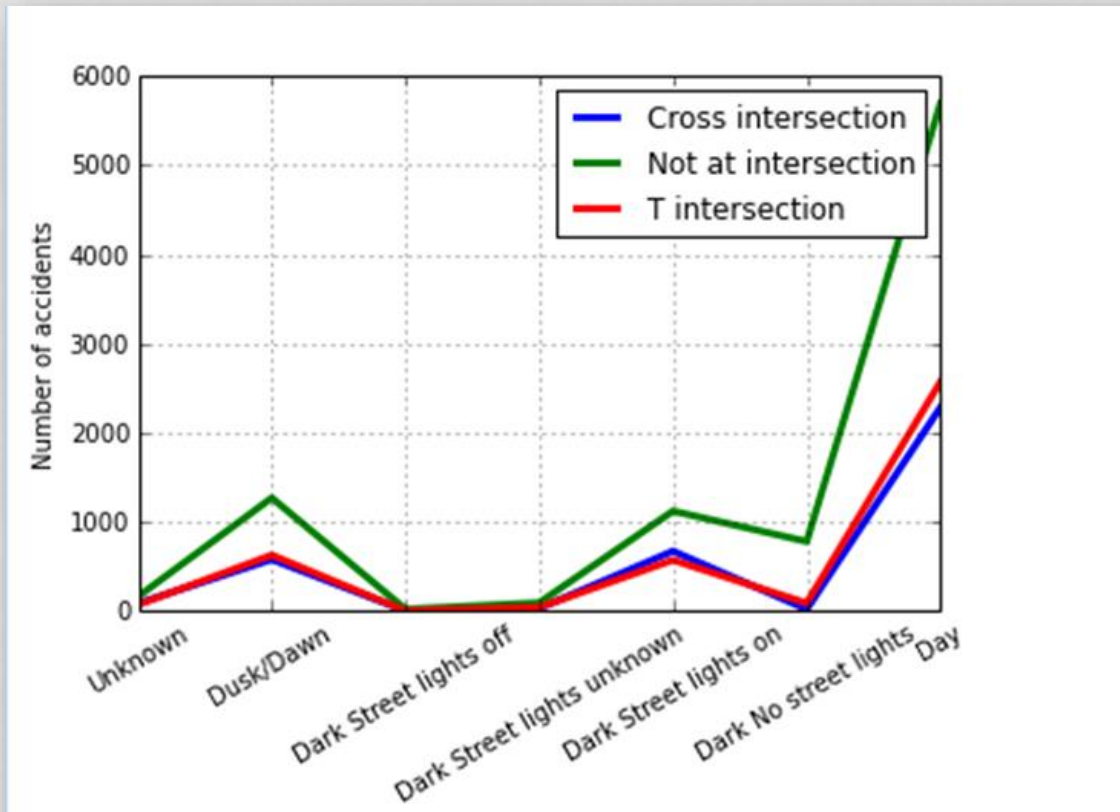# HOW MANY CAR ACCIDENTS HAPPEN IN A MONTH?

Liz Marks was driving her Mazda 3 along a road in St Michaels, Maryland, when she looked down at her phone to check a text message from her mother, Betty. Seconds later, she crashed into a tow truck
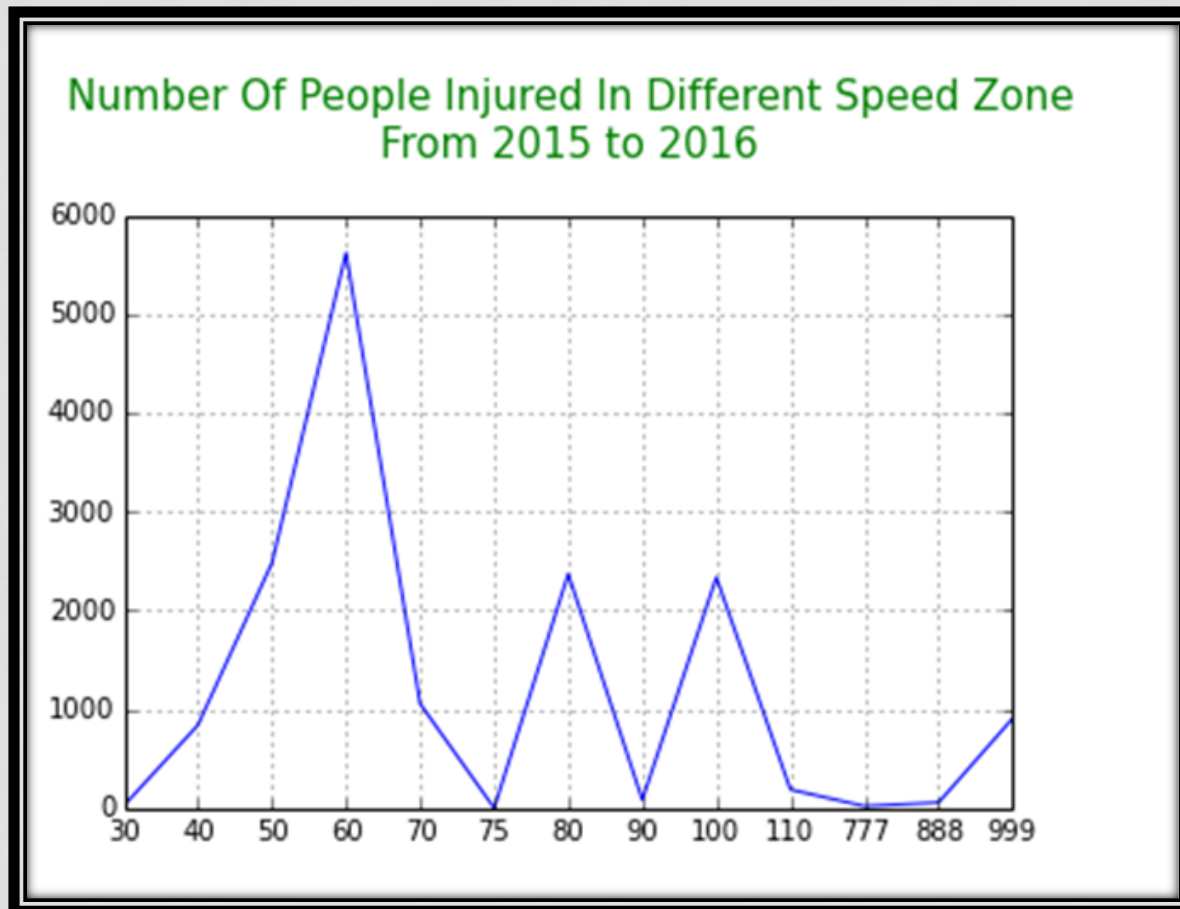
TYPE OF CAR ACCIDENTS

- Struct animal
- Collision with vehicle
- Struck Pedestrian
- Collision with a fixed object
- Fall from or in moving vehicle
- Vechicle overturned
- Collision with some other object
- No collision and no object struck

WHAT SITUATION CAR ACCIDENT HAPPENS MORE FREQUENTLY?

- In our guess, that could be dark street with no light or Cross intersection road

PEOPLE INJURED OR EVEN KILLED IN CAR ACCIDENT

THE DRIVING SPEED MATTERS

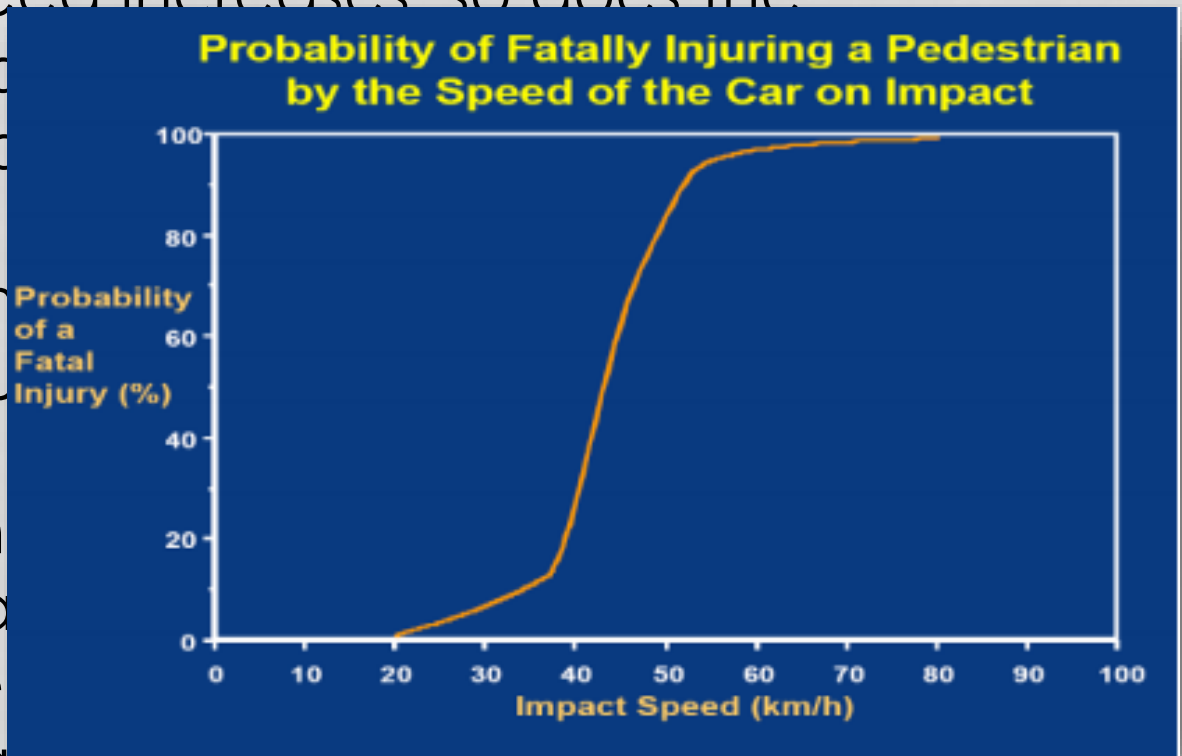As a vehicle's speed increases, so does the distance travelled during reaction time (reaction distance needed distance). Also, the greater the amount energy that must impact in a crash being identified o around 40 per ce is an aggravating factor in the severity of all crashes
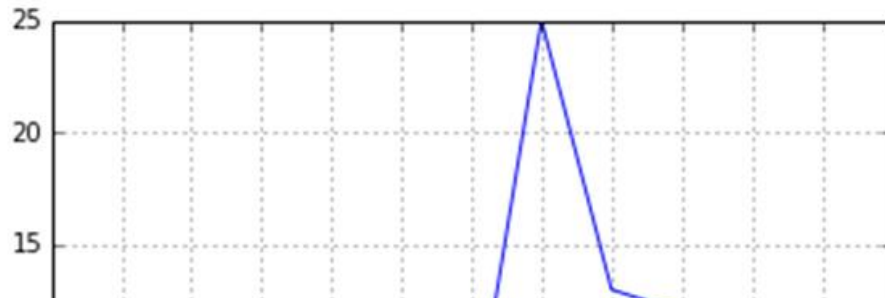
Probability of Fatally Injuring a Pedestrian by the Speed of the Car on Impact

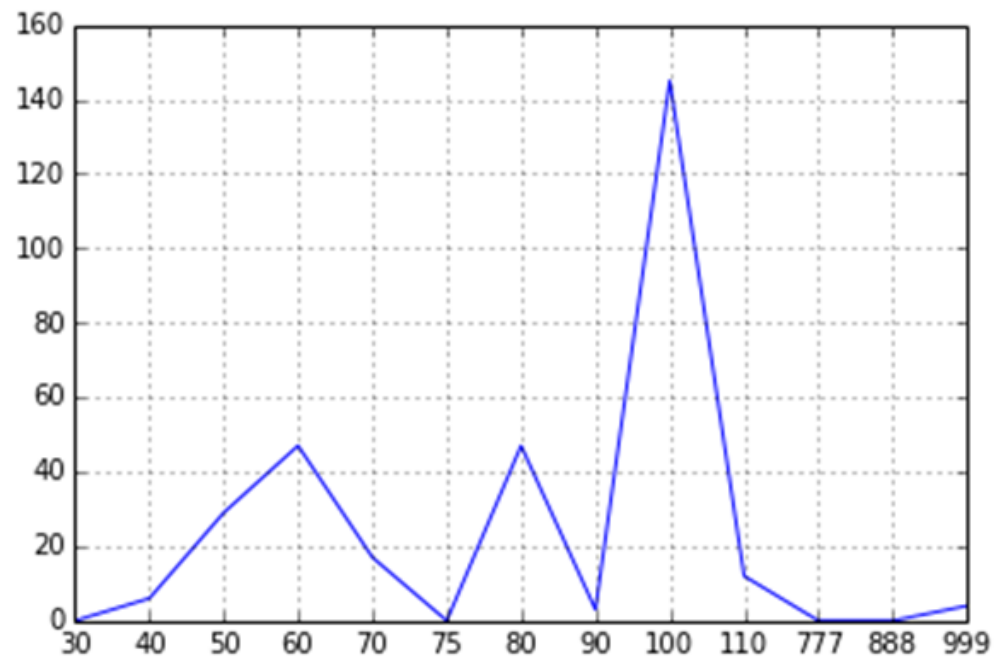Probability of a Fatal Injury (%)

Impact Speed (km/h)

THE CRASH OVER 100/120

Maximum Number Of People Injured In Different Speed Zone From 2015 to 2016

Number Of People Killed Under Different Speed Zone From 2015 to 2016

DATA PROCESSING STEPS

- Extraction
  - Parsing data in its raw form
- Munging
  - Transforming data into useful forms
- Cleaning
  - Normalising the data for ease of use
- Aggregation
  - Sampling the dataset
- Visualisation
  - Pivoting