

Comprehensive Analysis of Road Accident

Motor Vehicle Collisions Data in France From 2017 -2019

****Contents****

****1. Reading Data(checking for reliability, accuracy, richness, consistency, data timeliness, data granularity, validity and relevancy ****

****2. Cleaning the Data(checking for inconsistency, duplicate, concatenation, mis-match data type, formating, extracting and joining tables**

****3. Exploration****

****3.1 Exploration based on date of accidents****

- * What is the number of Accidents per year? is there an increase or decreasing ?
- * Which months have higher frequency of Accidents ?
- * Which Day-of-the-Month and Time is safest to drive ?
 - .The frequency of these road accident
- * Time series for all accidents in each year

****3.2 Exploration based on roads where accidents occurred****

- * Which types of roads are high risk?
- * Which type of road are low risk?






Fri 12:00 AM

0.51

Probability of Accident

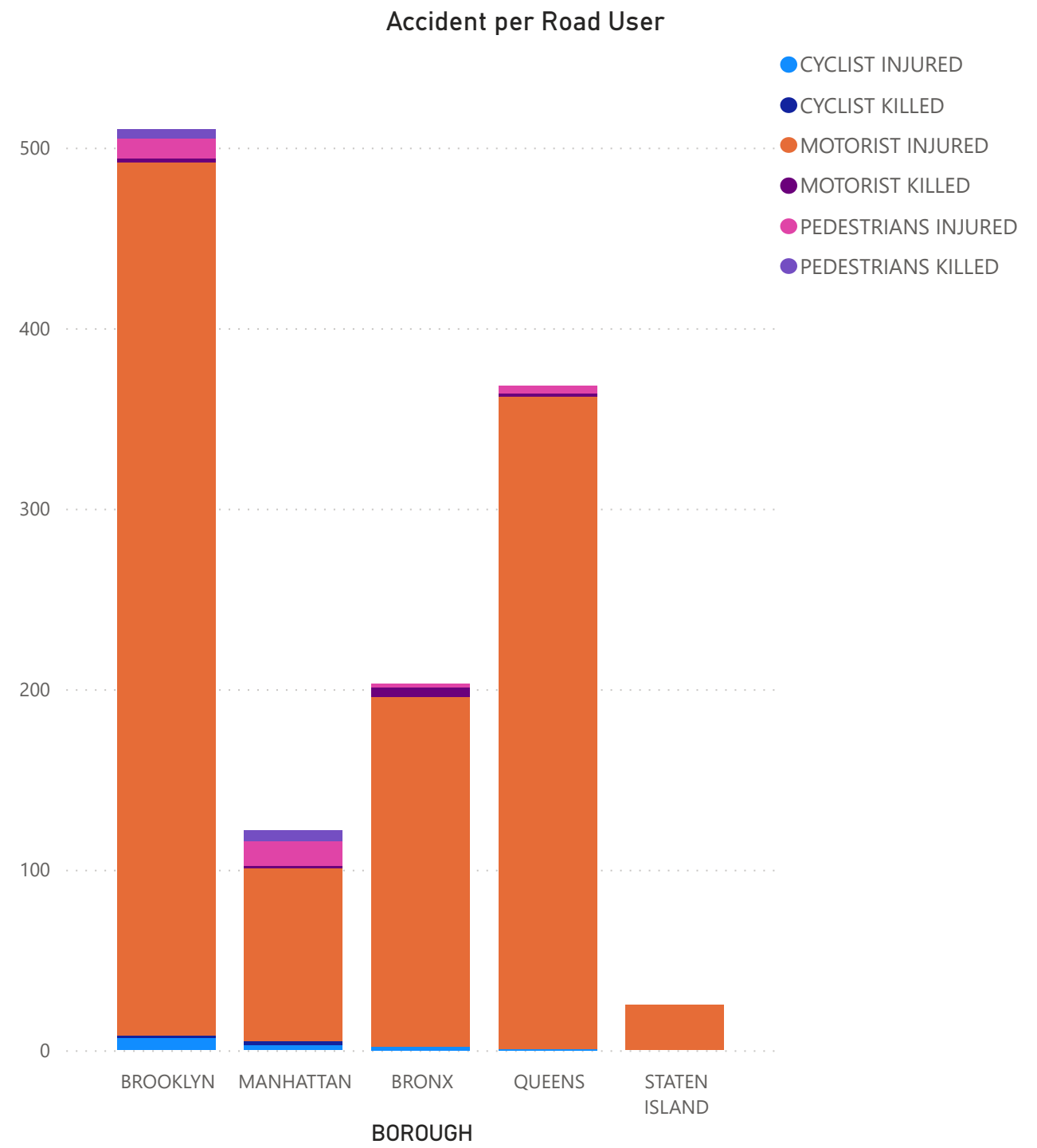
2%

Chance of Getting Killed

 Ask a question about your data  

Try one of these to get started

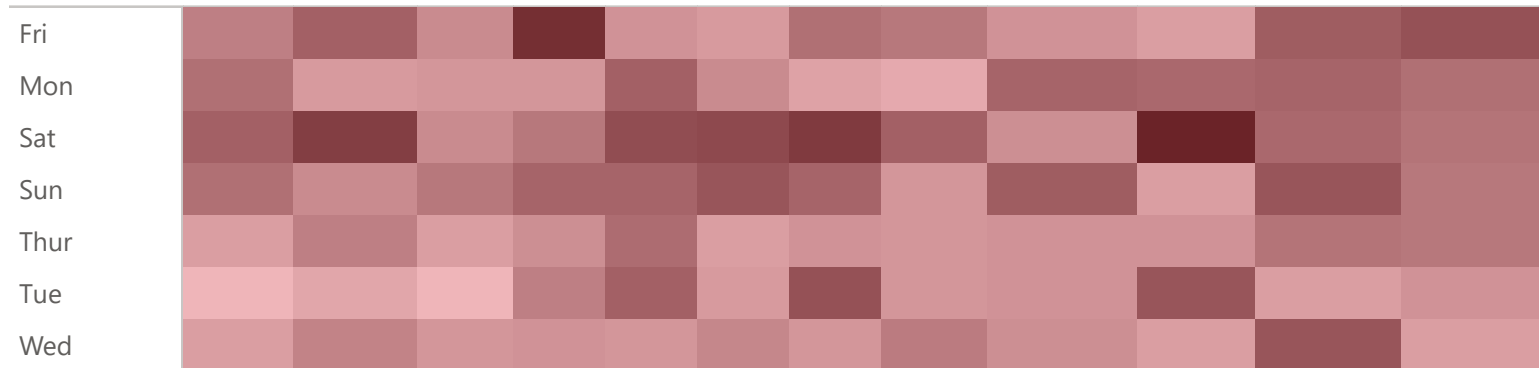
- what is the total victim by location
- what is the total victim by vehicle type code 1
- what is the total victim by vehicle type code 2
- what is the total victim by vehicle type code 3



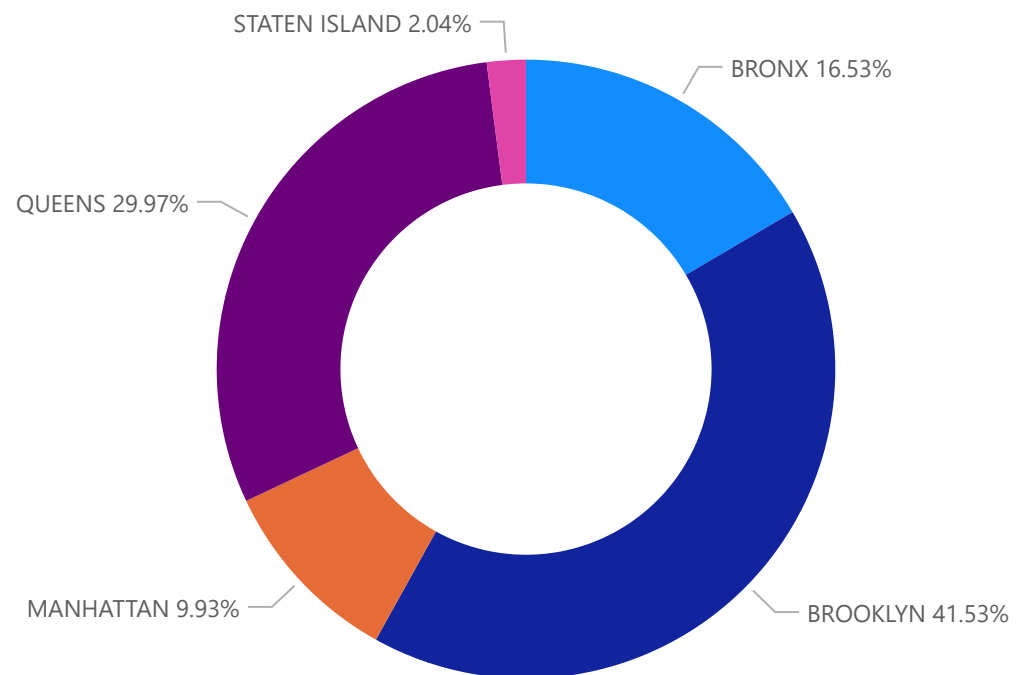


1228 Months

Accident day January February March April May June July August September October November December

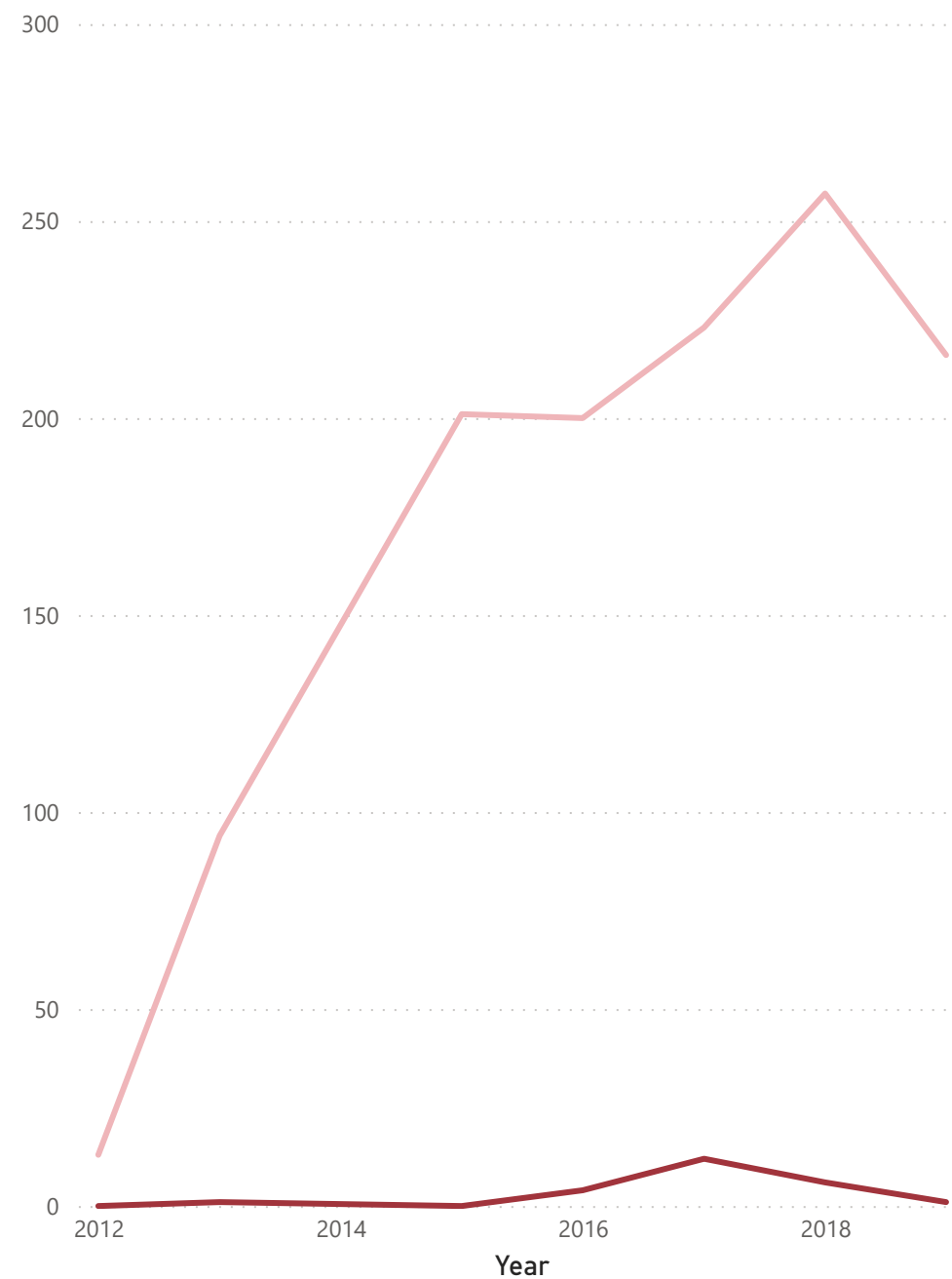


Victim per Borough



Victim per Year

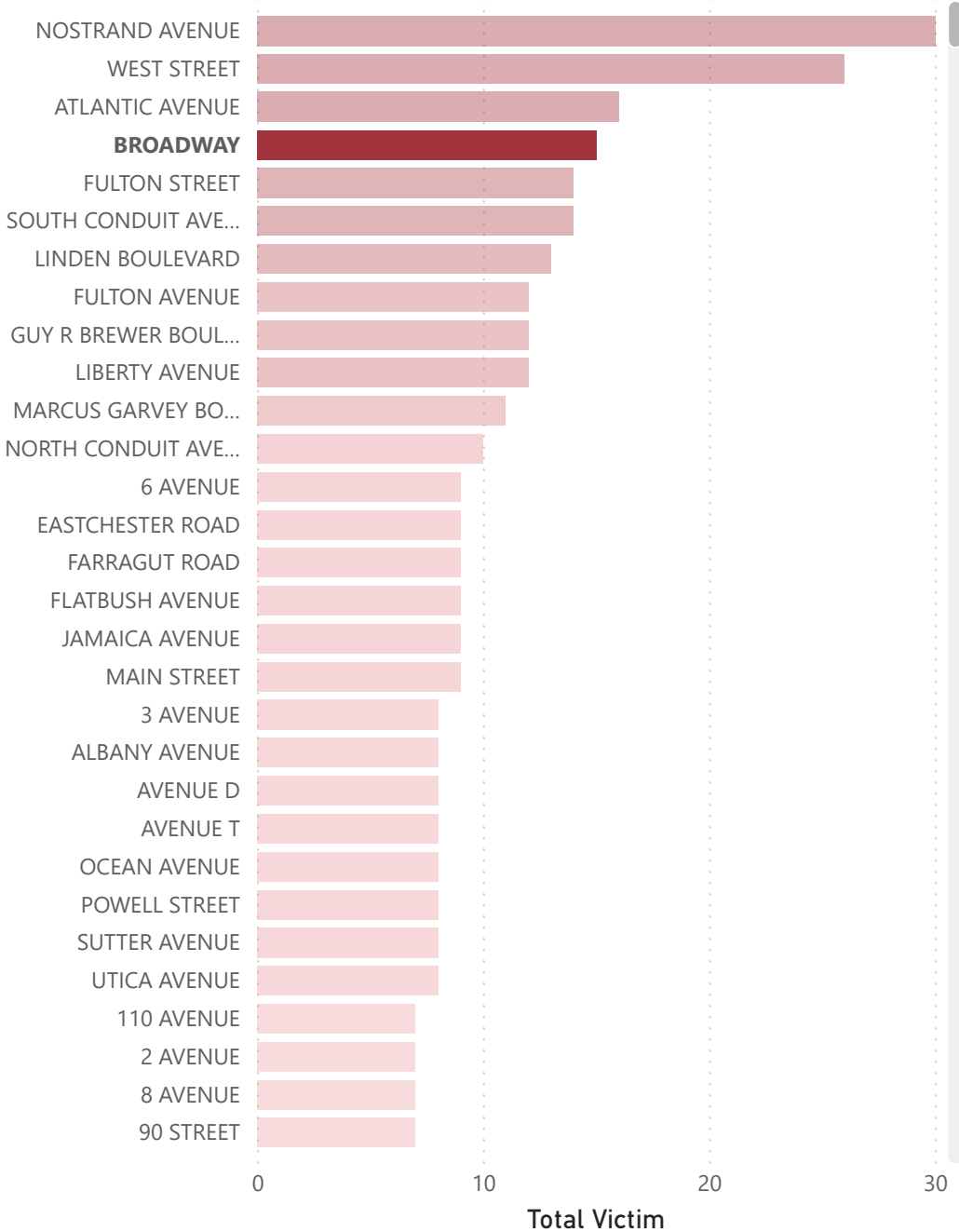
INJURED KILLED





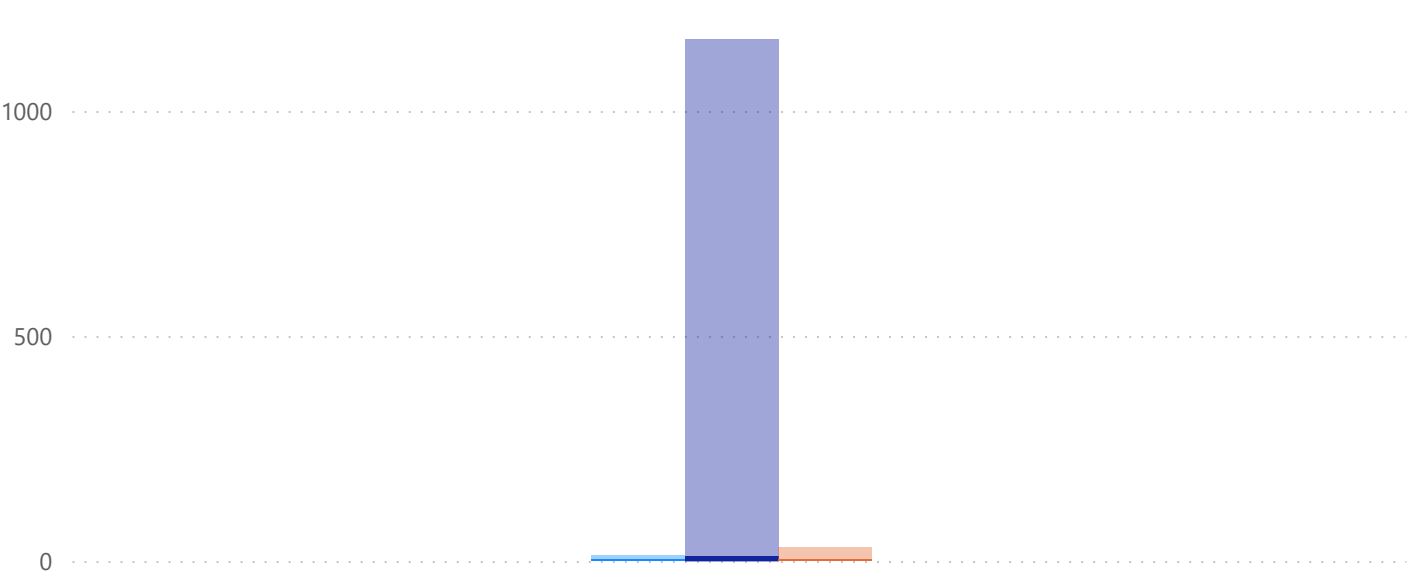
15%

ON STREET NAME



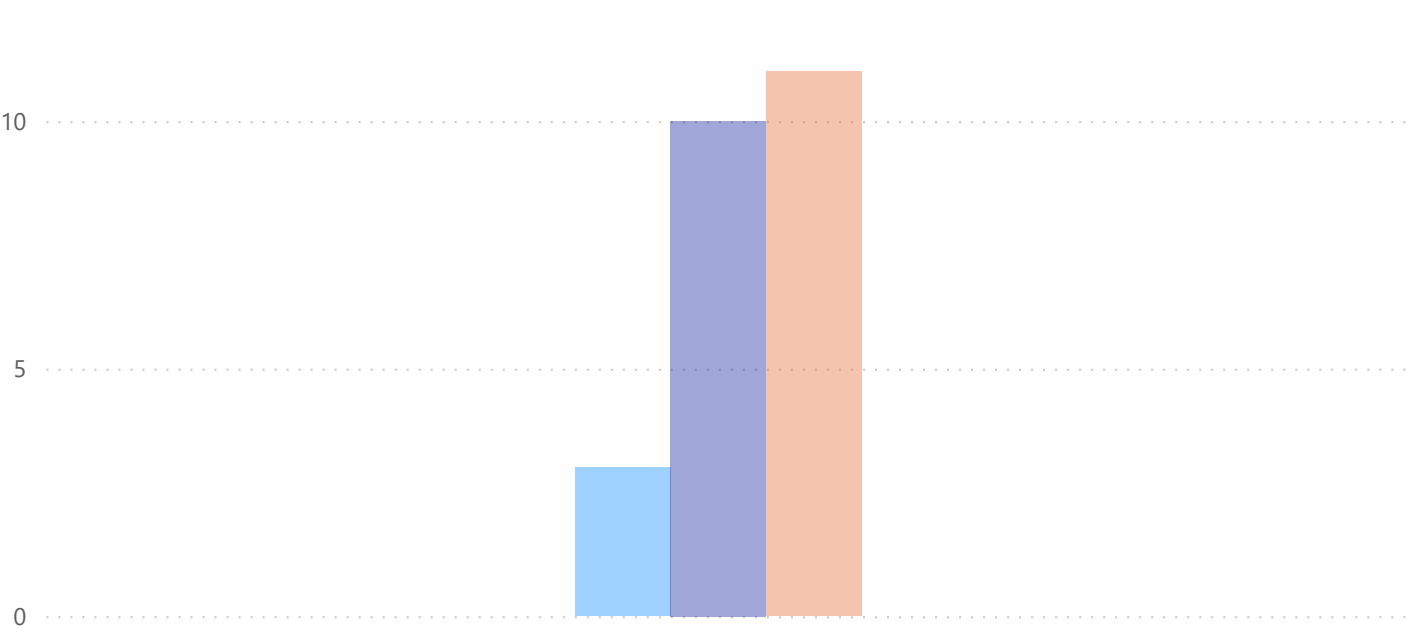
Plot of Injured per Accident Type

● CYCLIST INJURED ● MOTORIST INJURED ● PEDESTRIANS INJURED

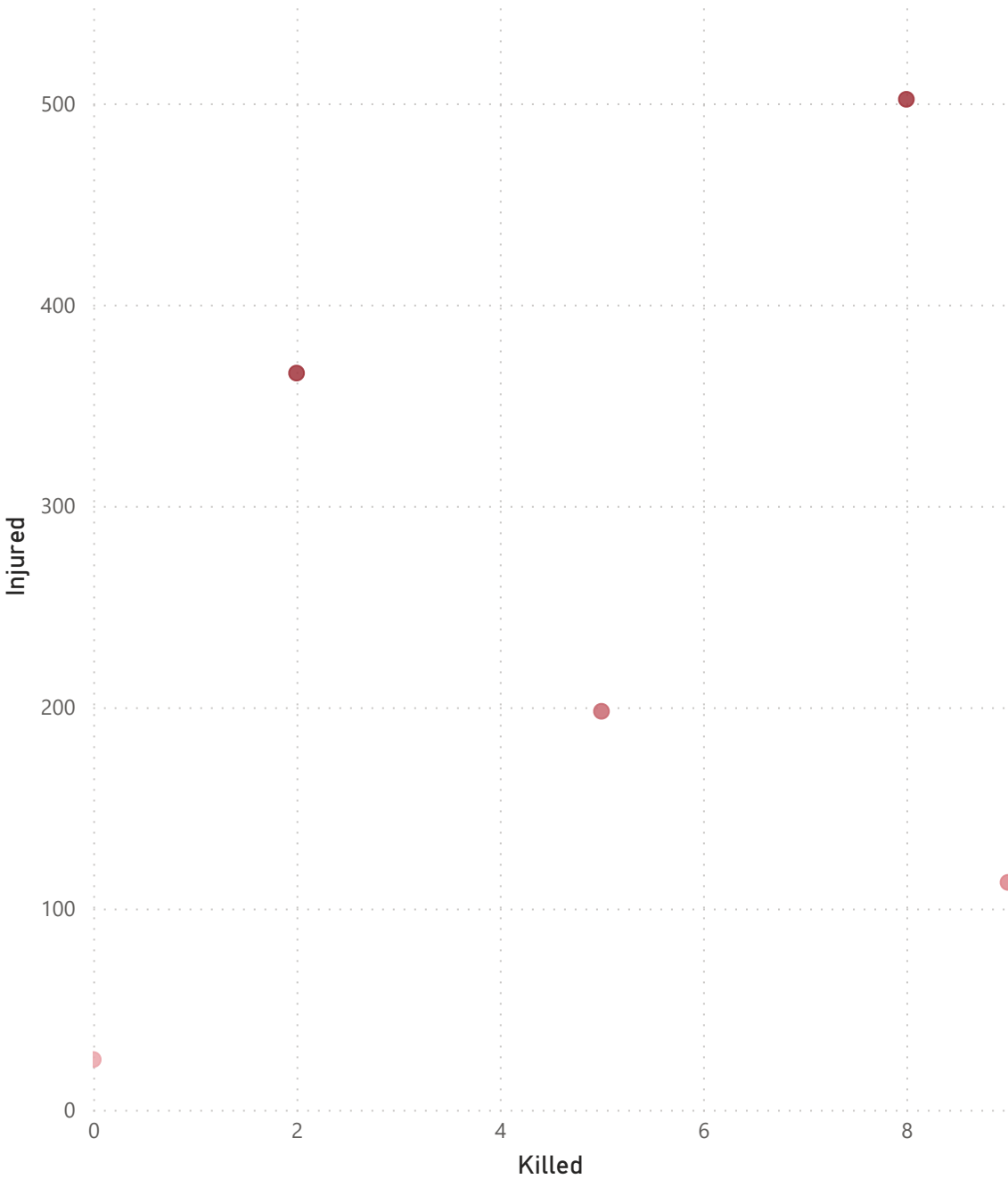


Plot of Killed per Accident Type

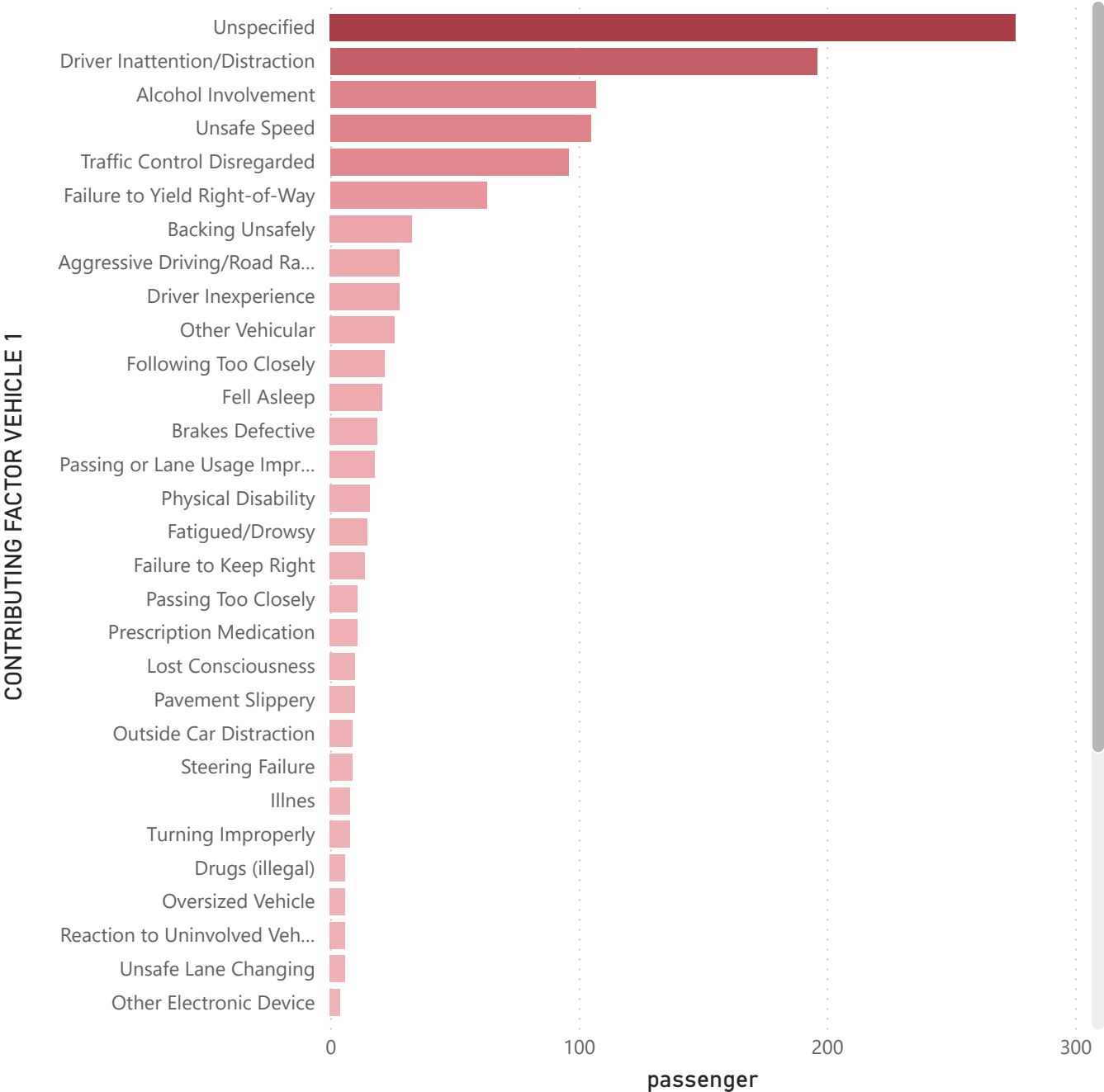
● CYCLIST KILLED ● MOTORIST KILLED ● PEDESTRIANS KILLED



Count of CONTRIBUTING FACTOR VEHICLE 1 0 80 300



Count of CONTRIBUTING FACTOR VEHICLE 1 0 80 300



Accident Breakdown

