

Chicago Car Crash



By: Thomas Cornett

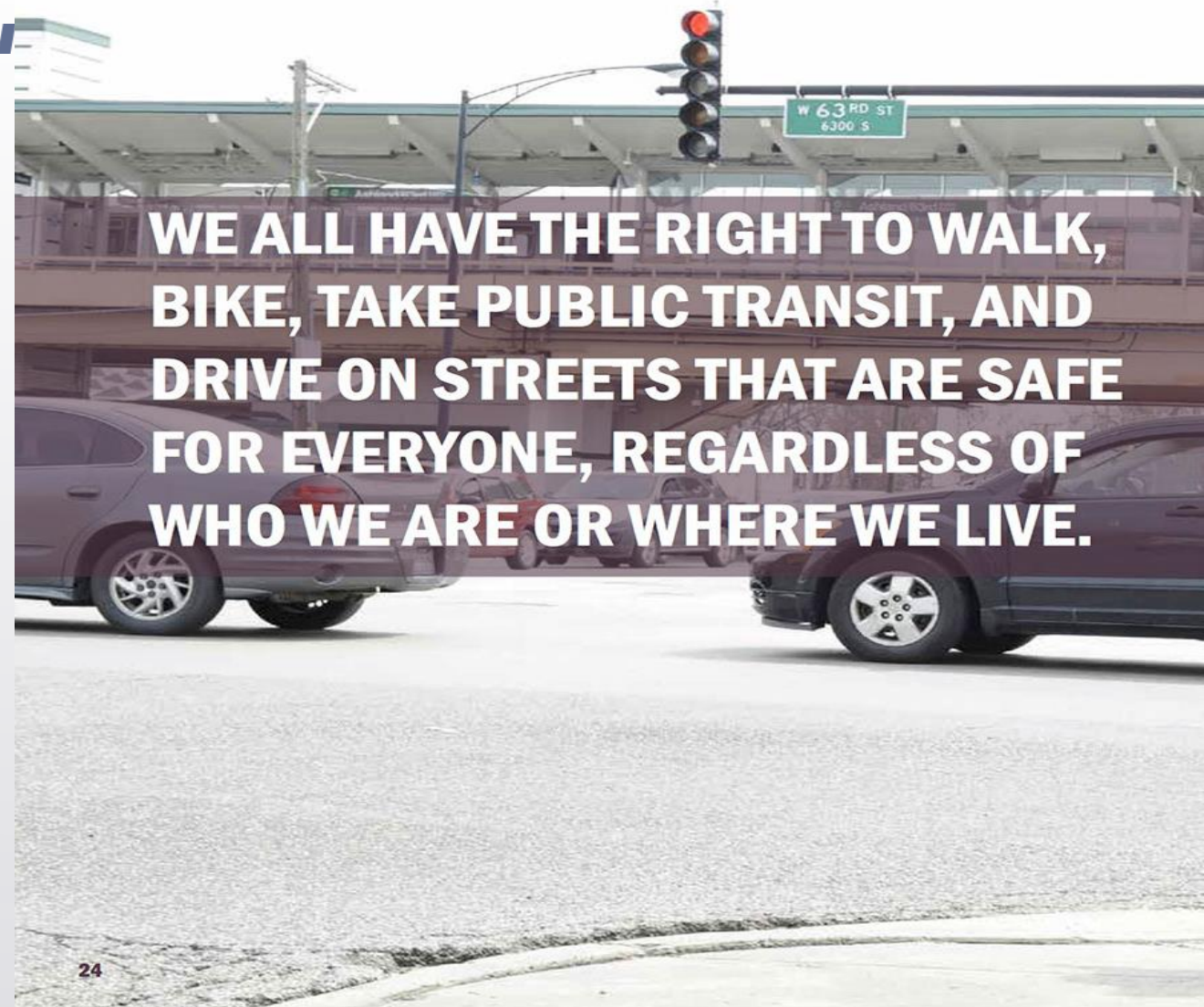
Instructor: Amber Yandow


Pace: Part-Time

Chicago Zero Vision

Chicago's drive to make the streets safer.

In 2017 Chicago started a campaign to eliminate traffic fatalities and serious injuries by 2026. Because of that pledge the city of Chicago has tasked me with trying to help them understand what is going on around them.



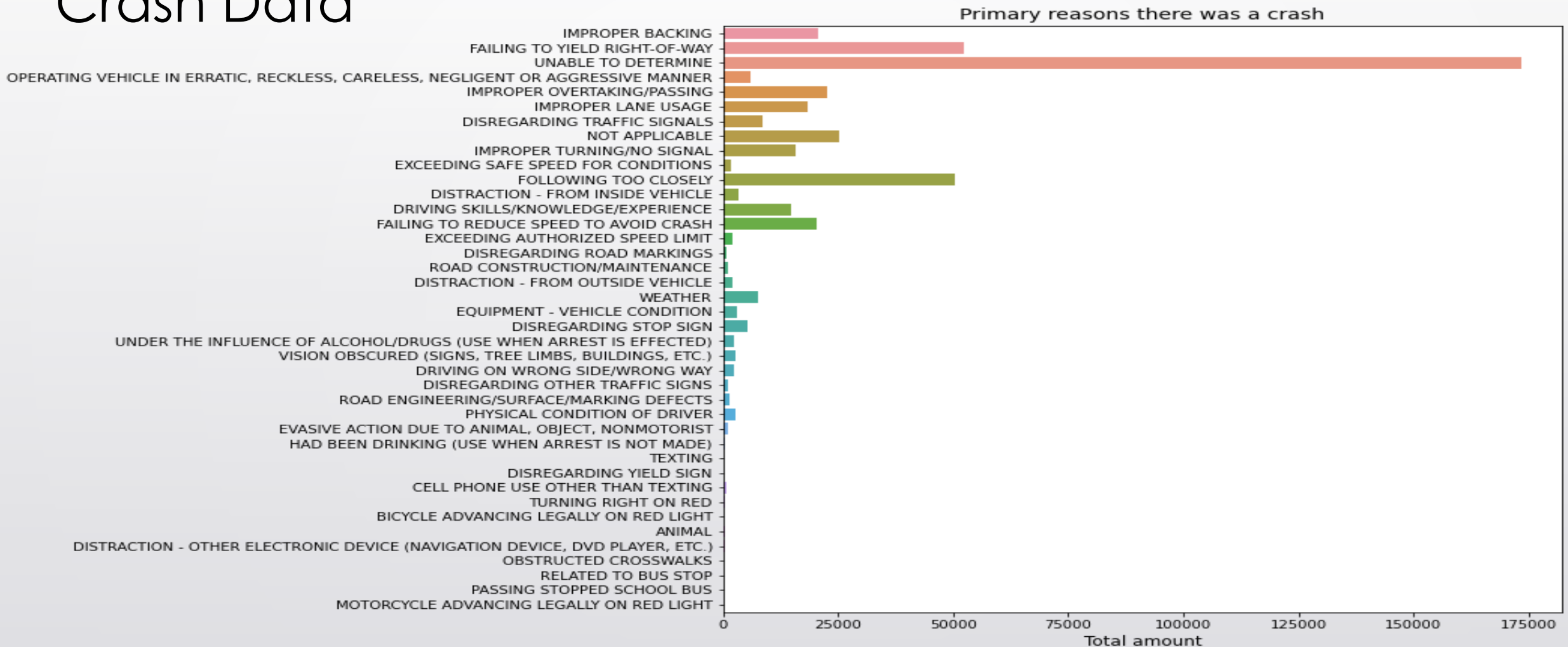


How will I accomplish that and what is the success rate?

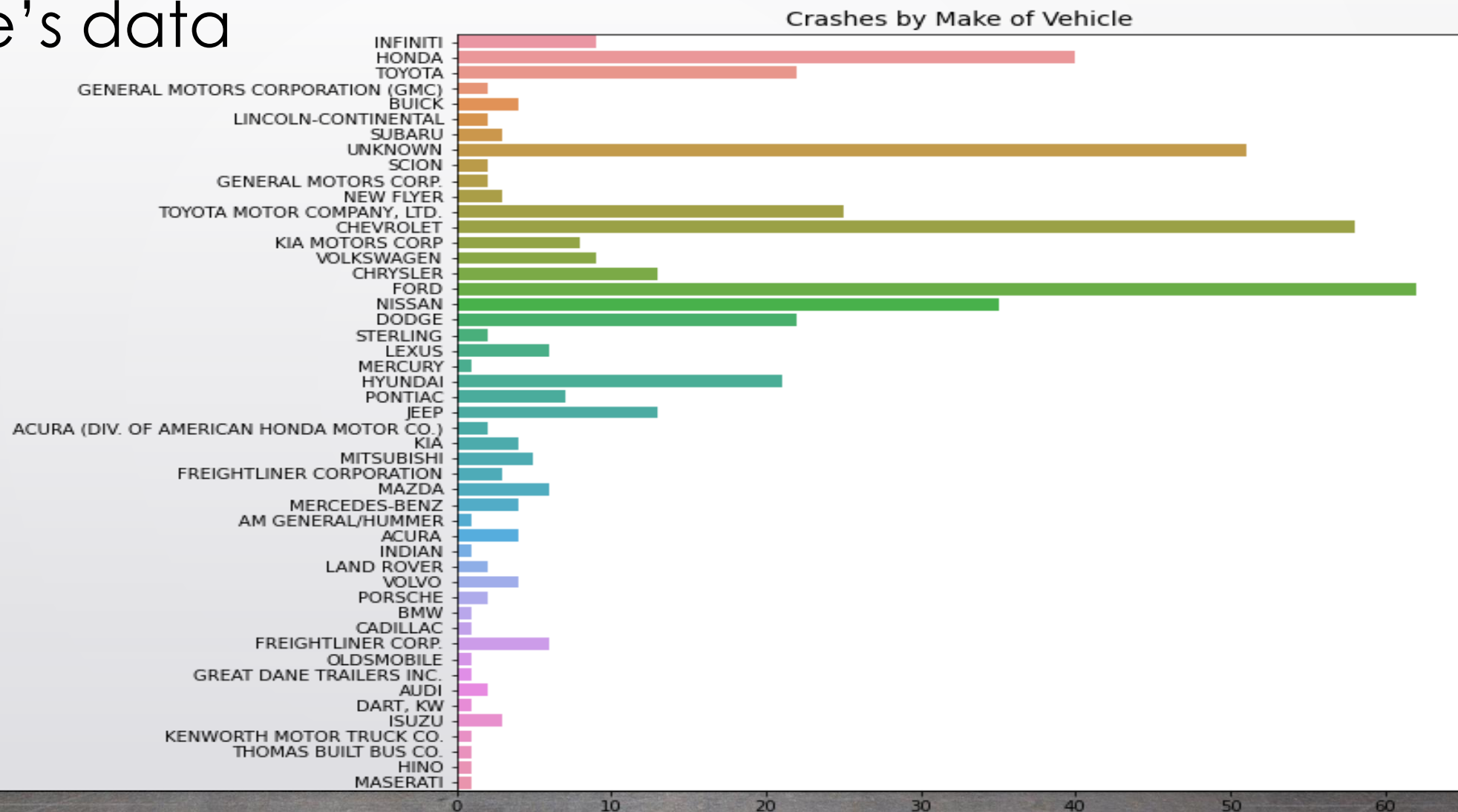
I am going to look at the crash data, persons data, and the vehicle data from the Chicago Open Data Portal.

My Model has been able to successfully predict 83% right.

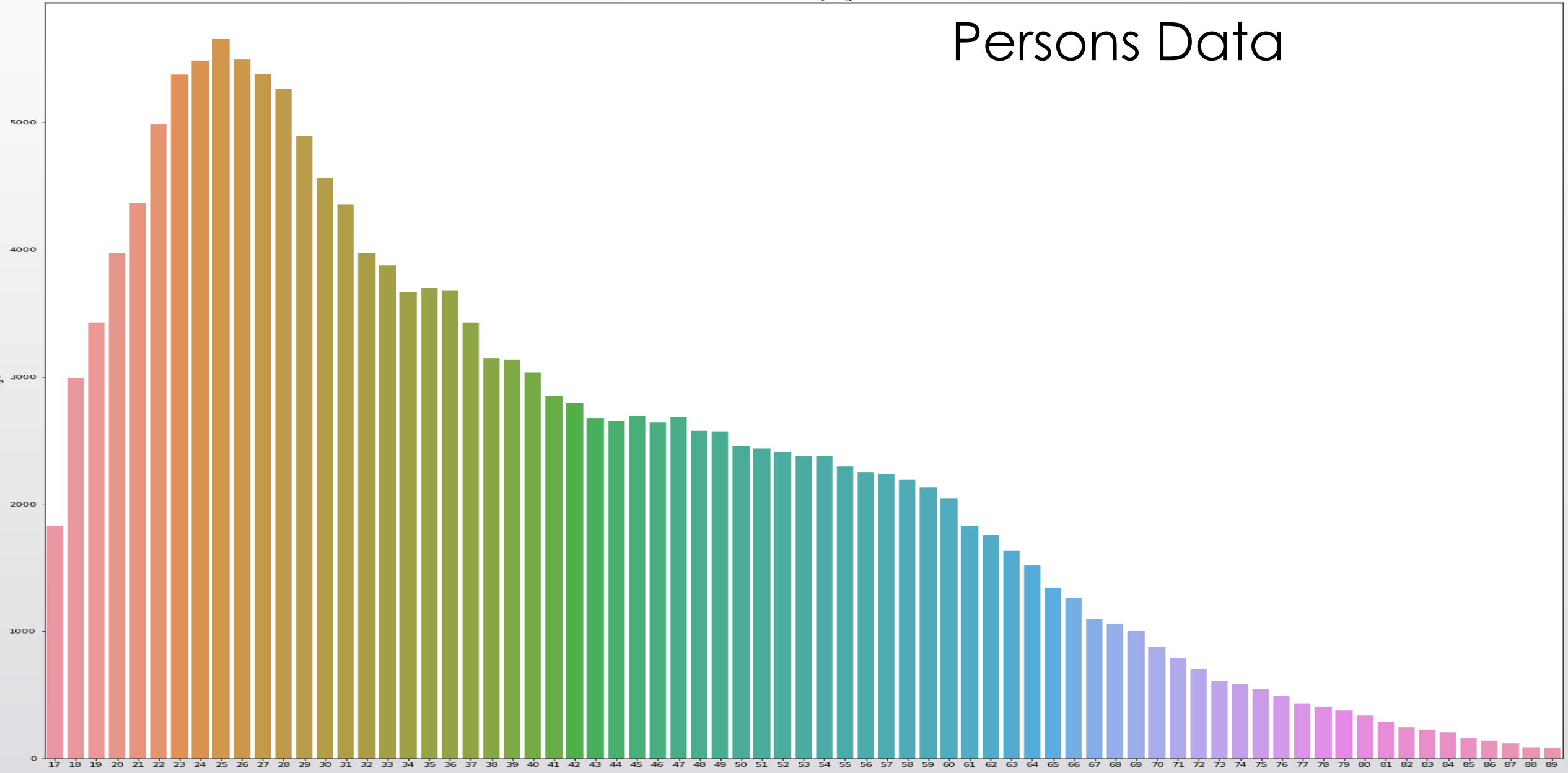
Crash Data



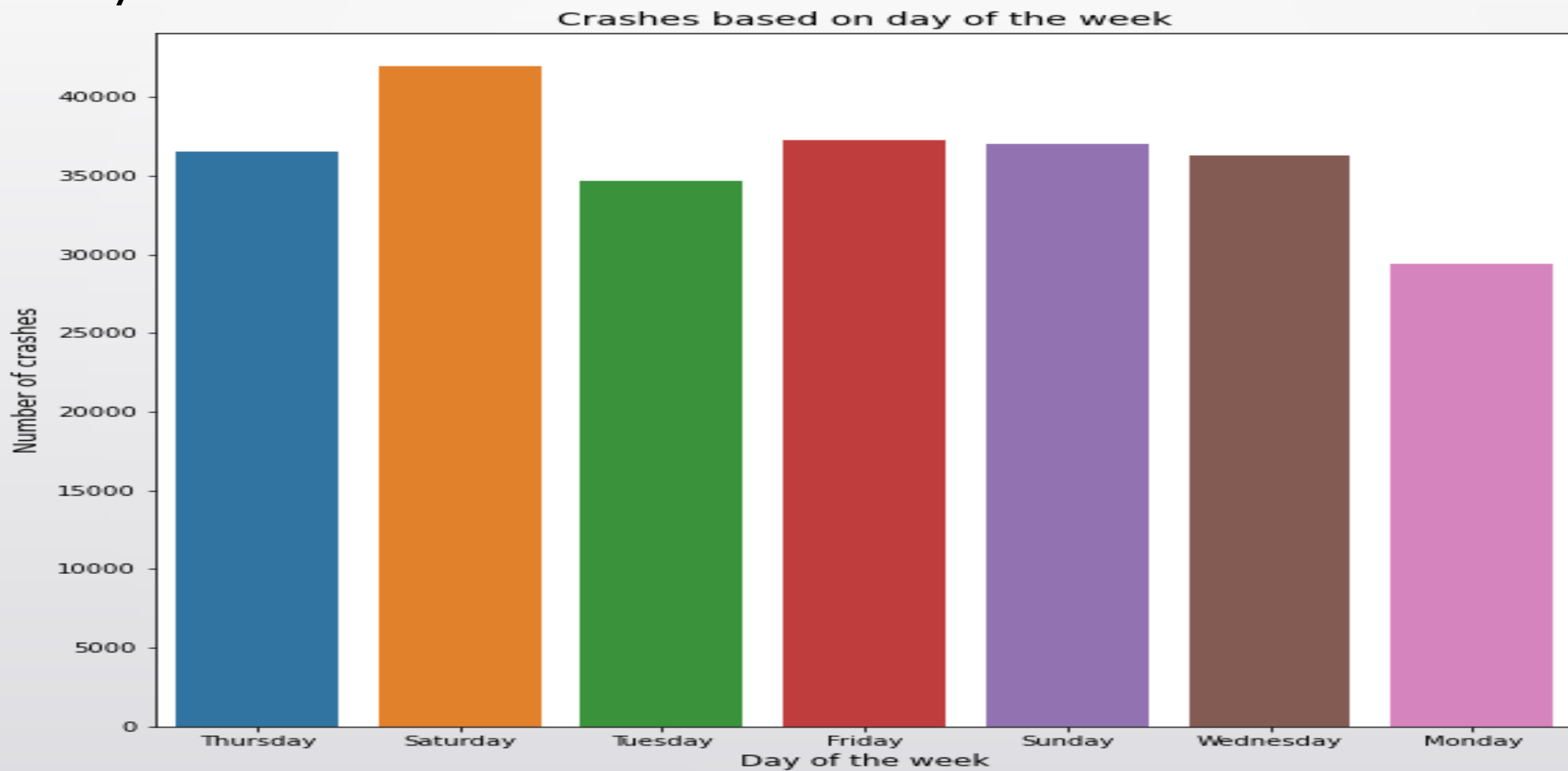
Vehicle's data



Persons Data

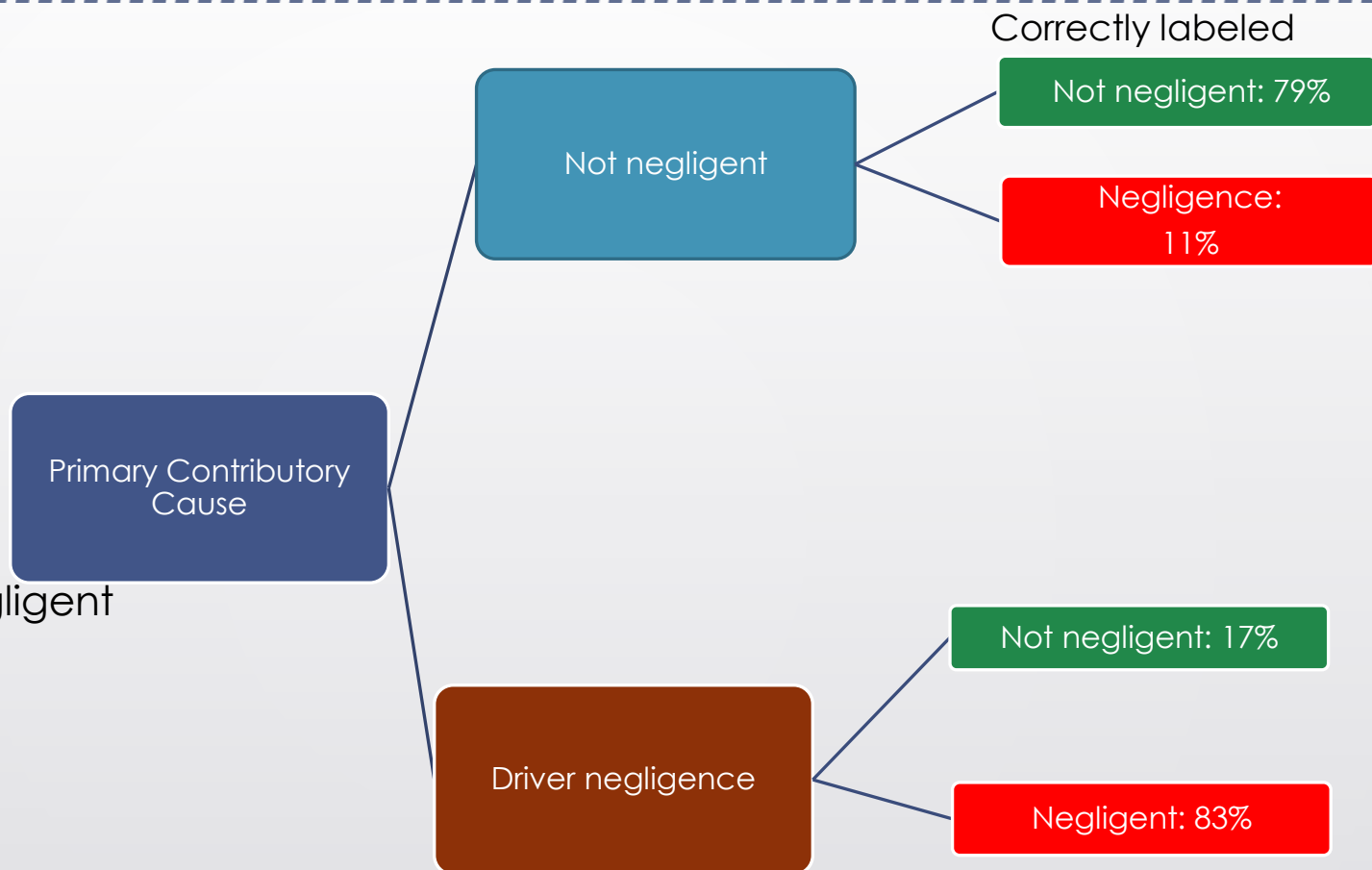


Days of the week



Model Results:

The model predicts two different things: Not negligent and Driver negligence.





Future works

- Road conditions and weather
- Mapping locations
- Improve the model with more recent and updated data.



Thank You for your time!
Questions?