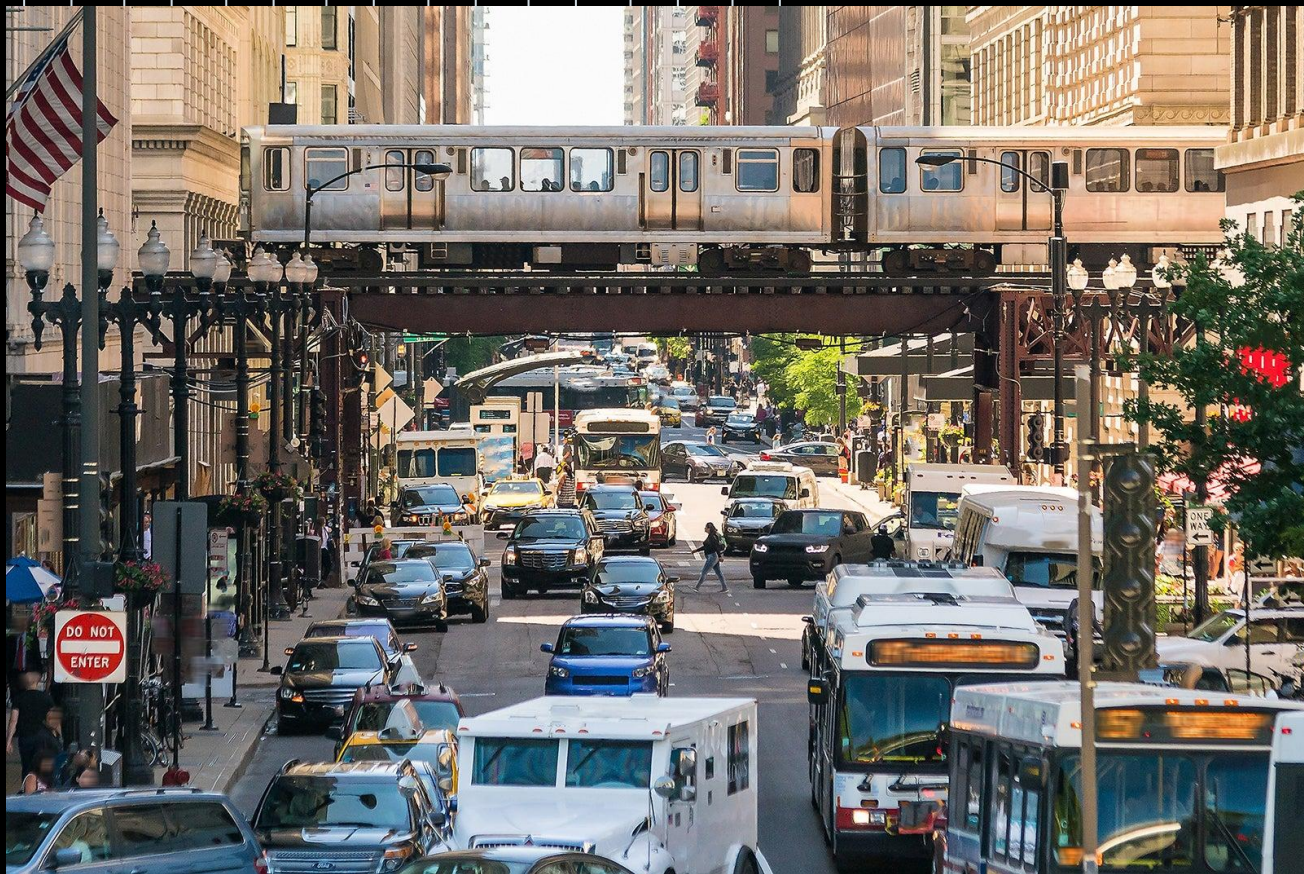
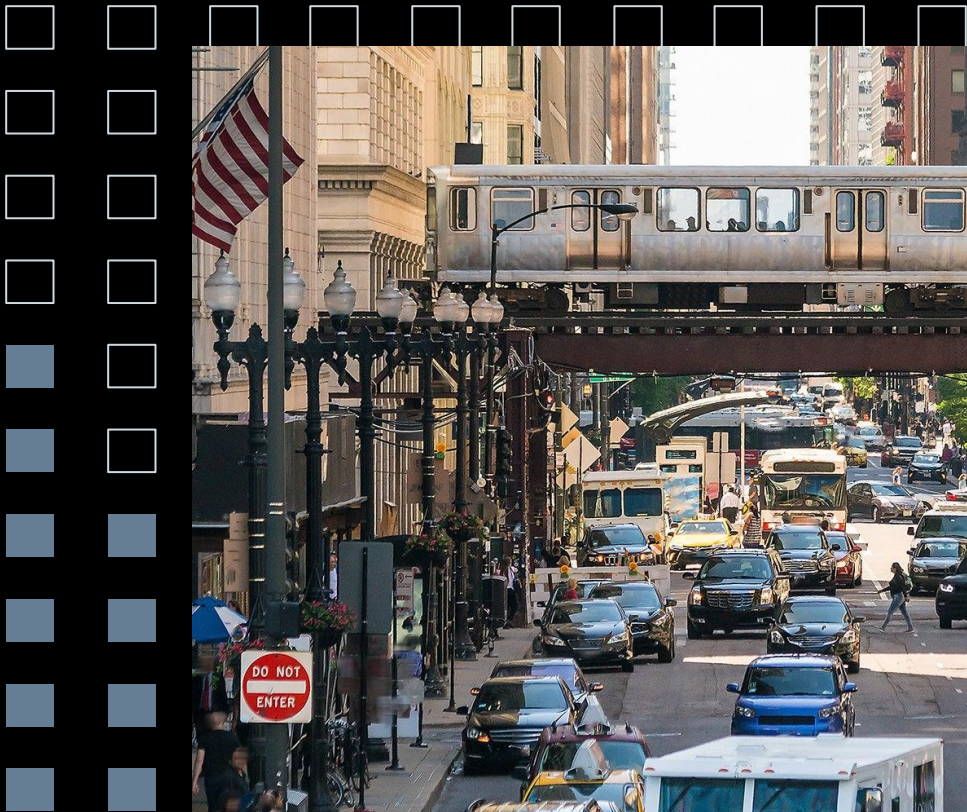


CHICAGO

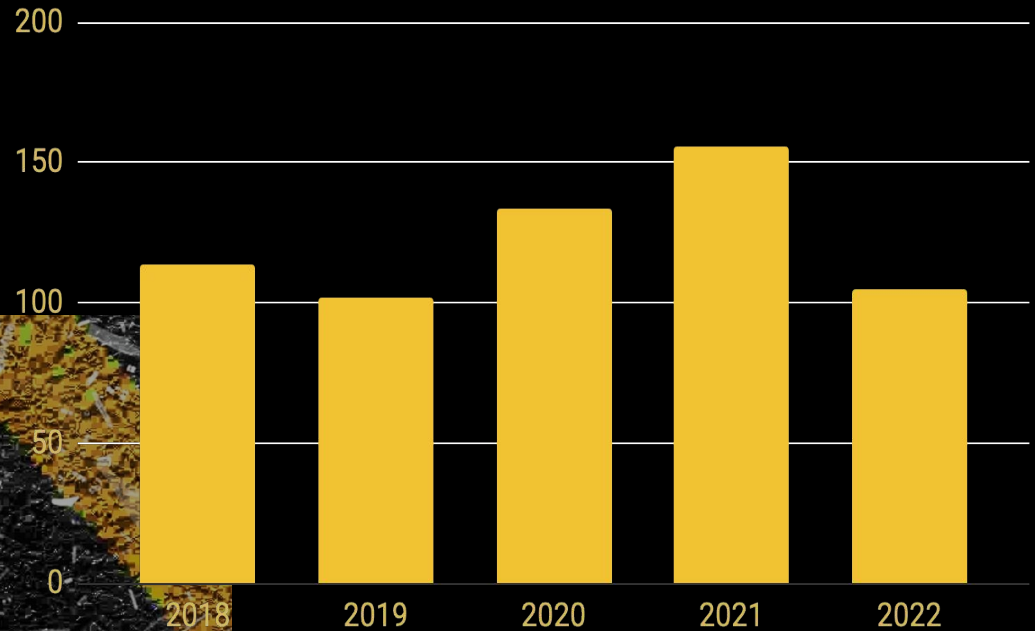


VISION ZERO CHICAGO



Problem: **How can Chicago decrease injuries from crash incidents?**

Chicago Crash Fatalities



Data

**Publicly Available:
Chicago Data Portal**



**CHICAGO
DATA PORTAL**

**Car Crash Reports from
July 2021-June 2022**



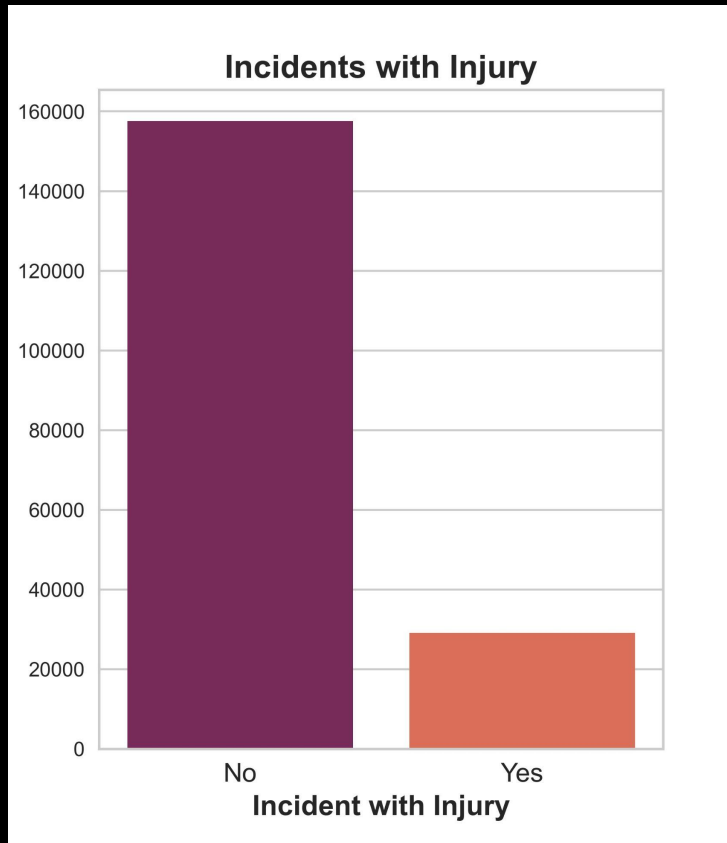
Crashes



Vehicles



People



“Any traffic-related death is unacceptable when we, as a city, have the tools and strategies to prevent the conditions that lead to these tragedies.”

Chicago Mayor Lightfoot

Methods



Create model:

Crash incident with

- INJURY
- NO INJURY



Model determines:

TOP FEATURES

93 %

Features



**Lighting
Condition**

Weather
Condition



Location

Speed
Limit



01

CRASH TYPE

02

LOCATION

03

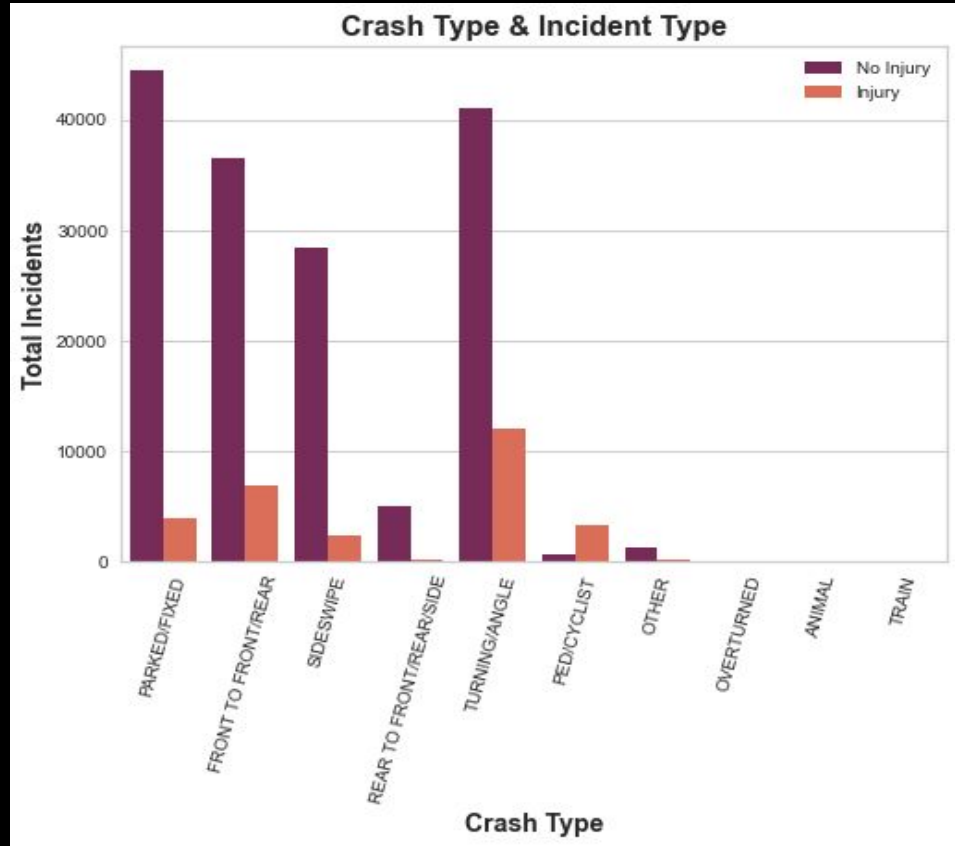
TRAFFICWAY TYPE

04

MONTH , TIME



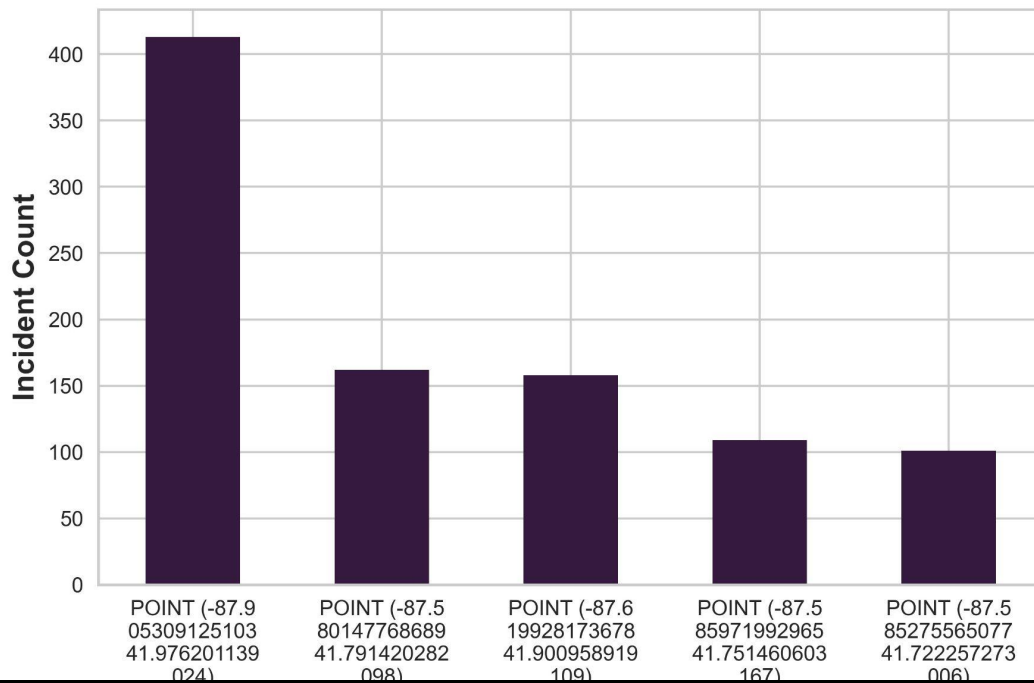
CRASH TYPE





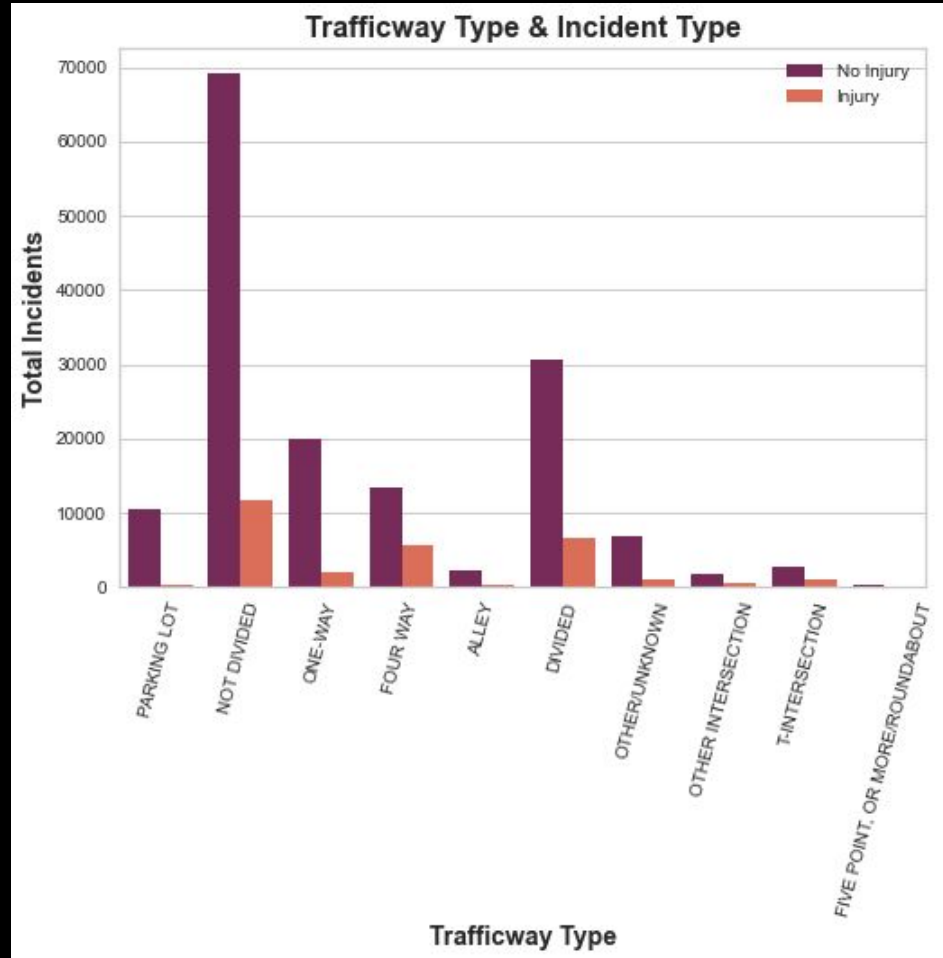
LOCATION

Location Most Incidents Occurred



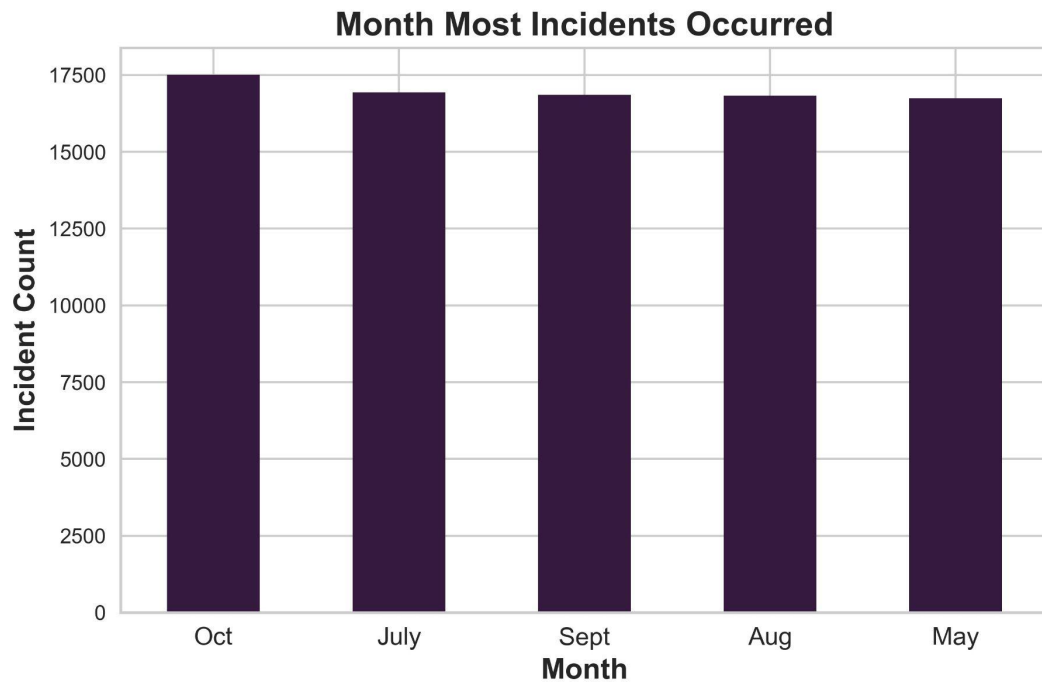


TRAFFICWAY TYPE



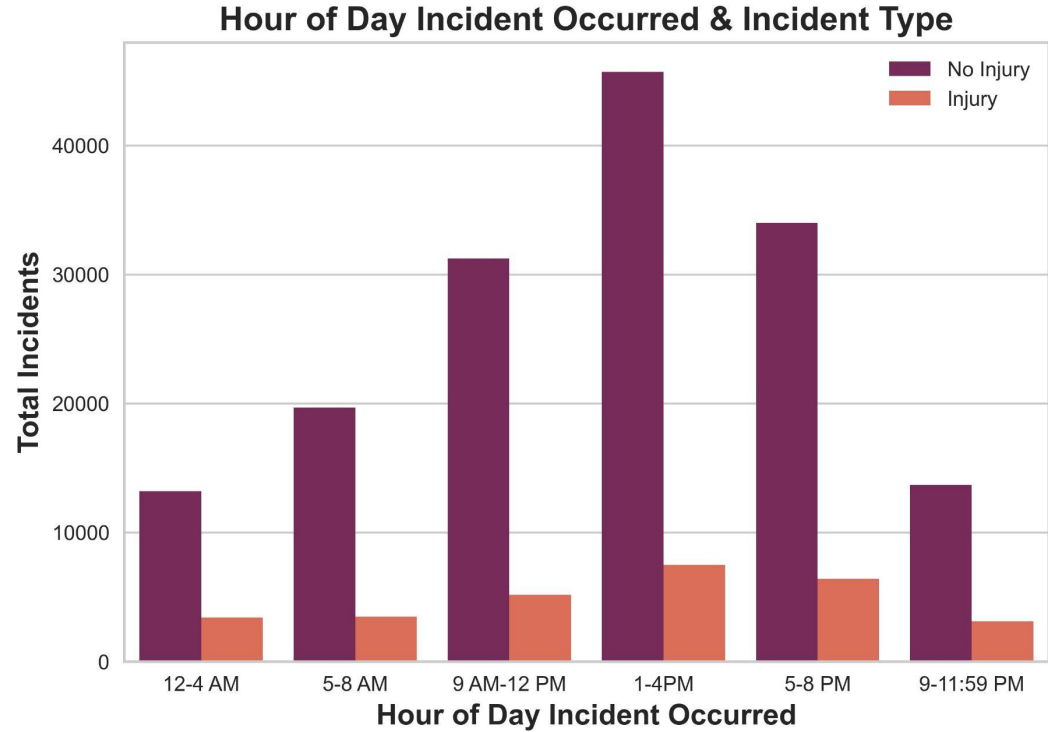


MONTH of Incident





HOUR of Incident



RECOMMENDATIONS



**Cyclist &
Pedestrian
Safety**



**Upgrading
Problematic
Locations**



**Targetted
Time
Frames**

VISION ZERO CHICAGO



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