Project Title - Car Accident Factors

Team Members - Caleb O'Kane, Cassidy Kratwell, Amanda Garza

Project Description - Analysis of what affects car accidents and how this could possibly improve road safety. Based on the data we will decide which junction is the safest to use, which speed limits are the safest for drivers and the type of road based on geographic location that should be used to make sure there are not as many accidents.

Hypothesis:
Null: Single carriageway road type with a 30 mile an hour speed limit has no effect on the severity of car accidents
Alternative: Single carriageway road with a 30 mile an hour speed limit will increase severe car accidents by 75%.

Research Questions to Answer -
1. What junction incurs the least amount of accidents?
2. Is the accident severity affected by the speed?
3. Does geographic location with road type in mind have an affect on the number of accidents that occur?

Datasets to be Used -
https://www.kaggle.com/datasets/nextmillionaire/car-accident-dataset?resource=download