Title: Crash Data from Montgomery County Maryland

Team members: Rohit Singhal, Jules Gikundiro, Isabelle Scrimsher, Matthew Pedroza, Tia Chesley, Brian Fitzpatrick

Research questions:

What make of car is most likely to get into a crash? (Isabella)

What month has the most crashes? (Rohit)

Substance abuse, does alcohol or illegal drugs lead to more injury?

What percent was the driver at fault? (Jules)

What time of day do the most crashes occur? (Matthew)

Do more injuries occur when the speed limit is higher? (above 35) (Brian)

What percent of crashes were out of state drivers?

Is there a time of day when drivers are more distracted? (Tia)

Dataset: “Crash Reporting – Drivers Data” <https://catalog.data.gov/dataset/crash-reporting-drivers-data>

Breakdown of Tasks:

Clean the data and describe how the data were cleaned

Visualizations (6-8, .png images)

Summary stats, correlation, regression

Write-up of the findings

Presentation

Project description/outline: Analyzing crash data from Montgomery County to determine the conditions in which crashes are more likely to occur.