

# The Influence of Age in Vehicle Crashes

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Marshall Thompson

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## **Academic Level at Time of Presentation**

Sophomore

## **Major**

Math

## **List all Project Mentors & Advisor(s)**

Dr. Christopher J. Mecklin

## **Presentation Format**

Oral Presentation

## **Abstract/Description**

Vehicle crashes include many factors as to why and how a wreck occurs. Arguably one of the most pivotal variables in these situations is the age of the driver and front-seat passengers of the vehicle at the time of the crash. This analysis will use US data from 1997 to 2002 that reports more than 26,000 observations of car crashes to predict the age of a driver or front-seat occupant in a vehicle crash, based on several factors, which include the speed at impact, the severity of injuries, the year the vehicle was made, and whether the occupants lived through the crash.

## **Fall Scholars Week 2019 Event**

Projects in Statistics (STA 235)