

RISKING OURS  
TO PRESERVE  
YOURS

“You could learn  
a lot from a  
dummy.”



OUR PROCESS...

# NARROWING OUR TOPIC

- **Topic:**
  - **Resolved: “Higher safety standards result in less car accidents.”**
  - **Initial topic scope: Vehicle safety standards and crash data trends in India, Germany, Japan, and the United States.**
  - **Data Searching...**

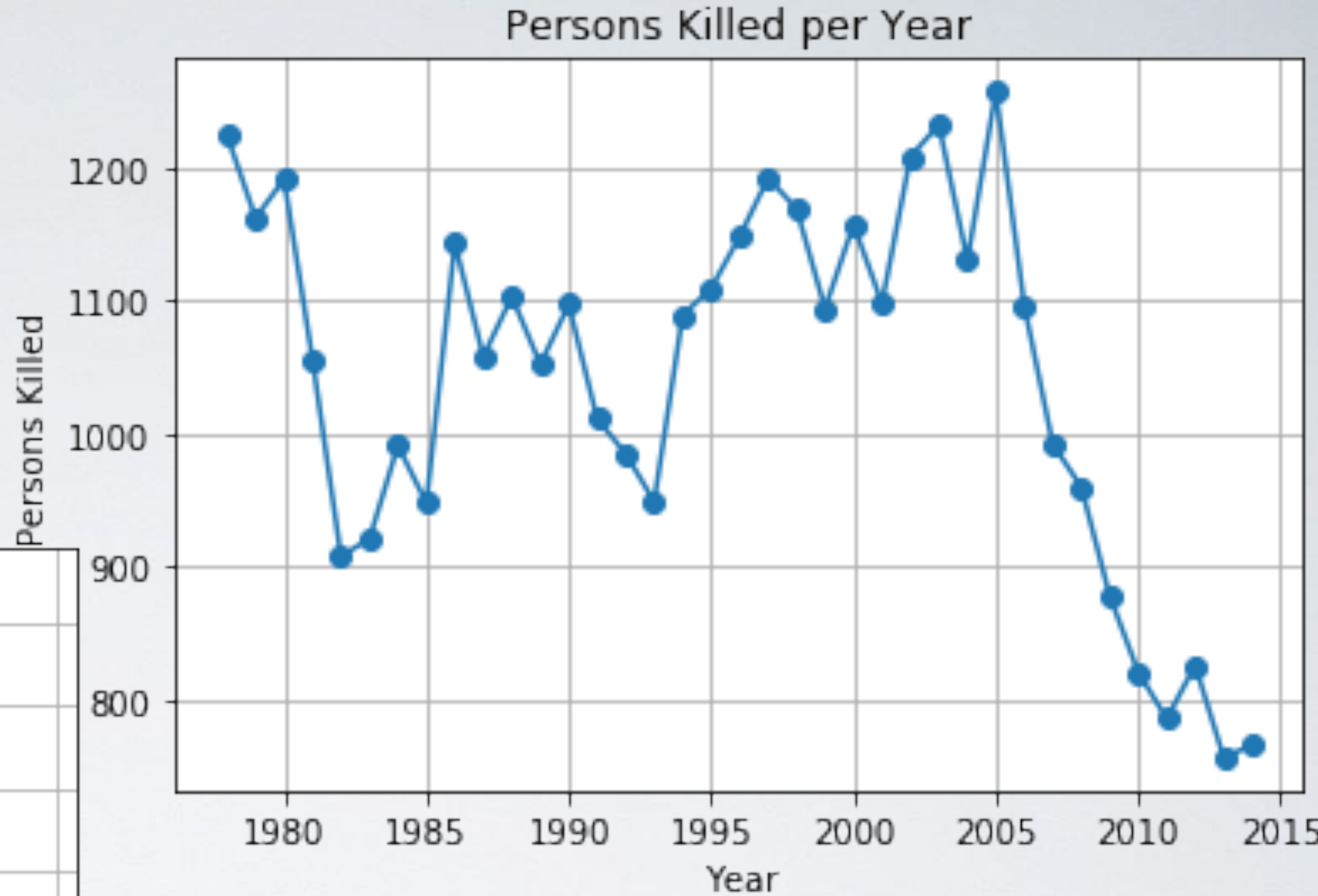
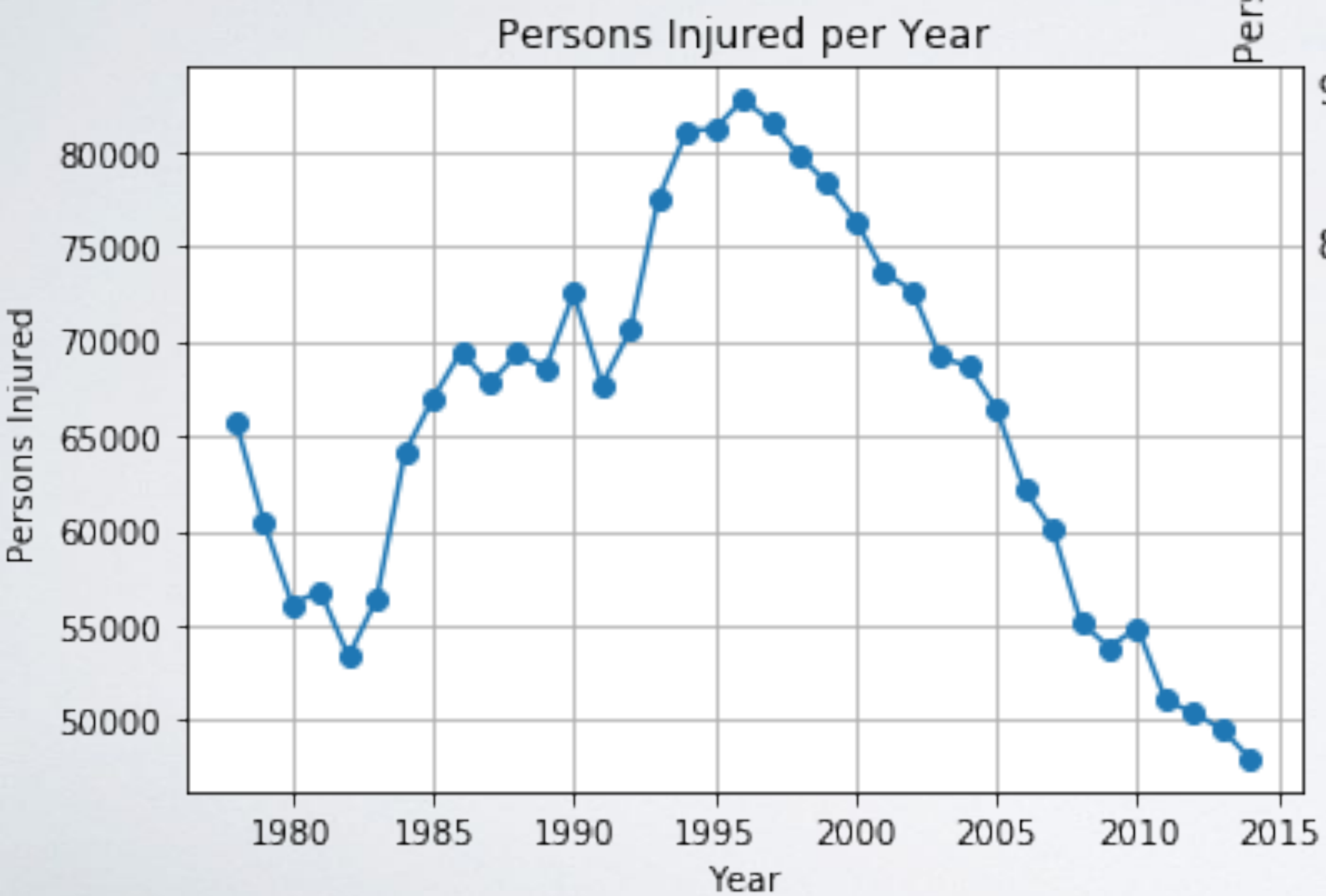


# DATA GATHERING

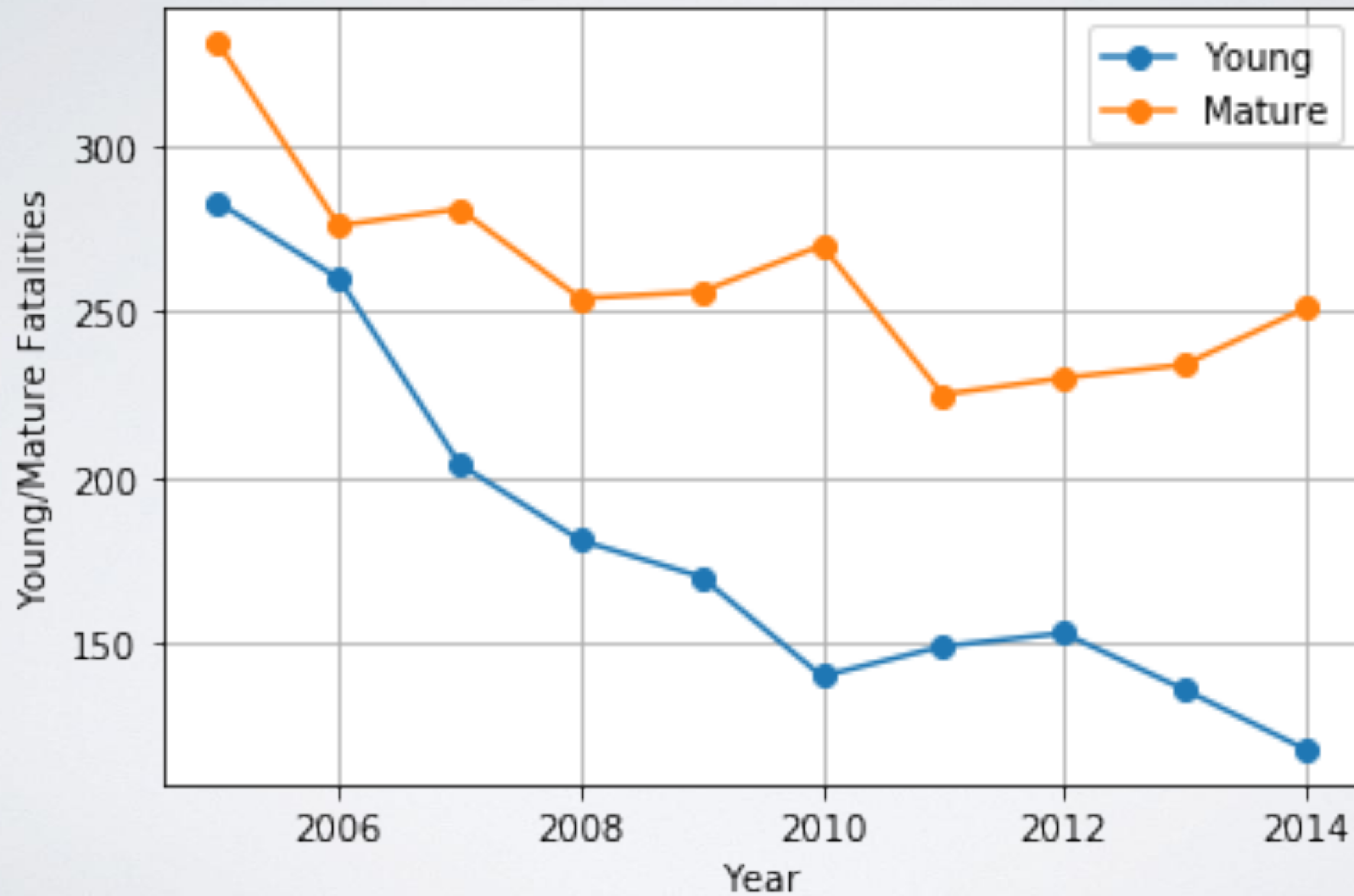


- ***Tuesday: Key Request***
- ***Wednesday: waiting.***
- ***Thursday: waiting...email key request.***
- ***Friday: Key received, attempted API requests.  
(200, but no data).***
- ***Saturday: Attempted API requests (same thing).***

- **Resolved: “Higher safety standards result in less car accidents.”**
- **Scope: Vehicle safety standards and crash data trends in Missouri from 1978 to 2014.**
- **Data Found.**



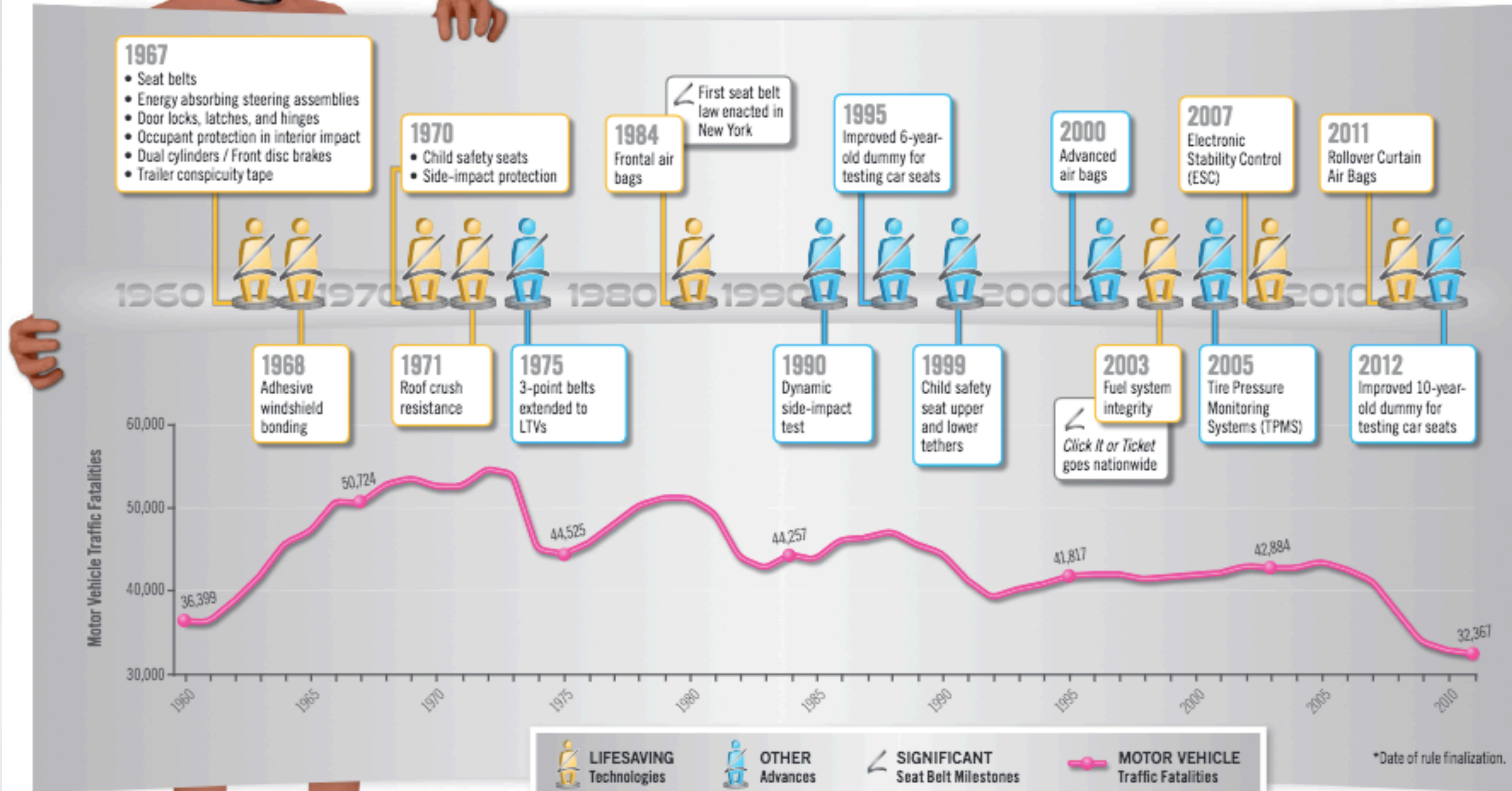
Young/Mature Fatalities per Year





# TIMELINE OF FEDERAL MOTOR VEHICLE SAFETY STANDARDS

BY YEAR\* AND NOTABLE TECHNOLOGIES



U.S. Department of Transportation  
National Highway Traffic Safety

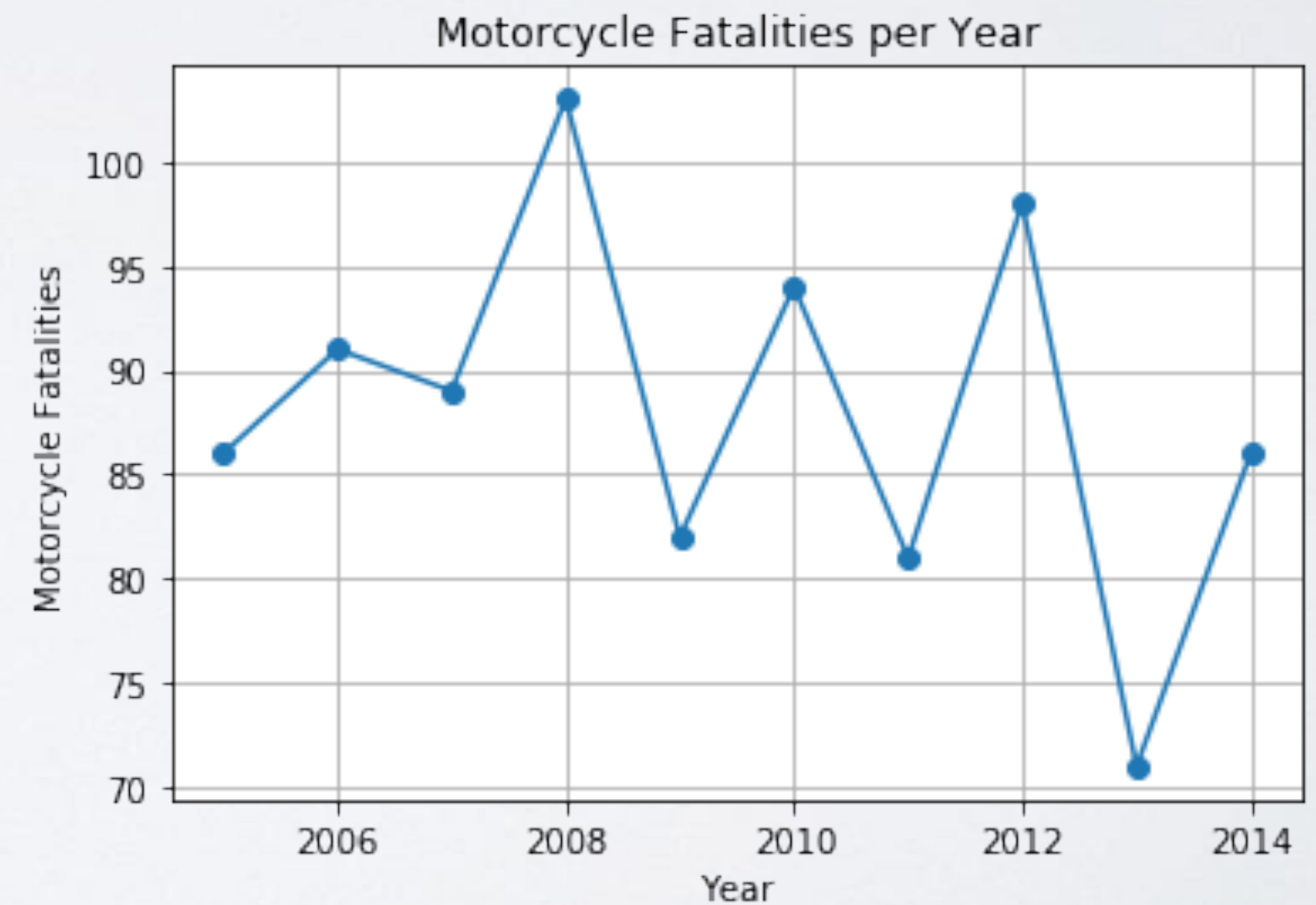
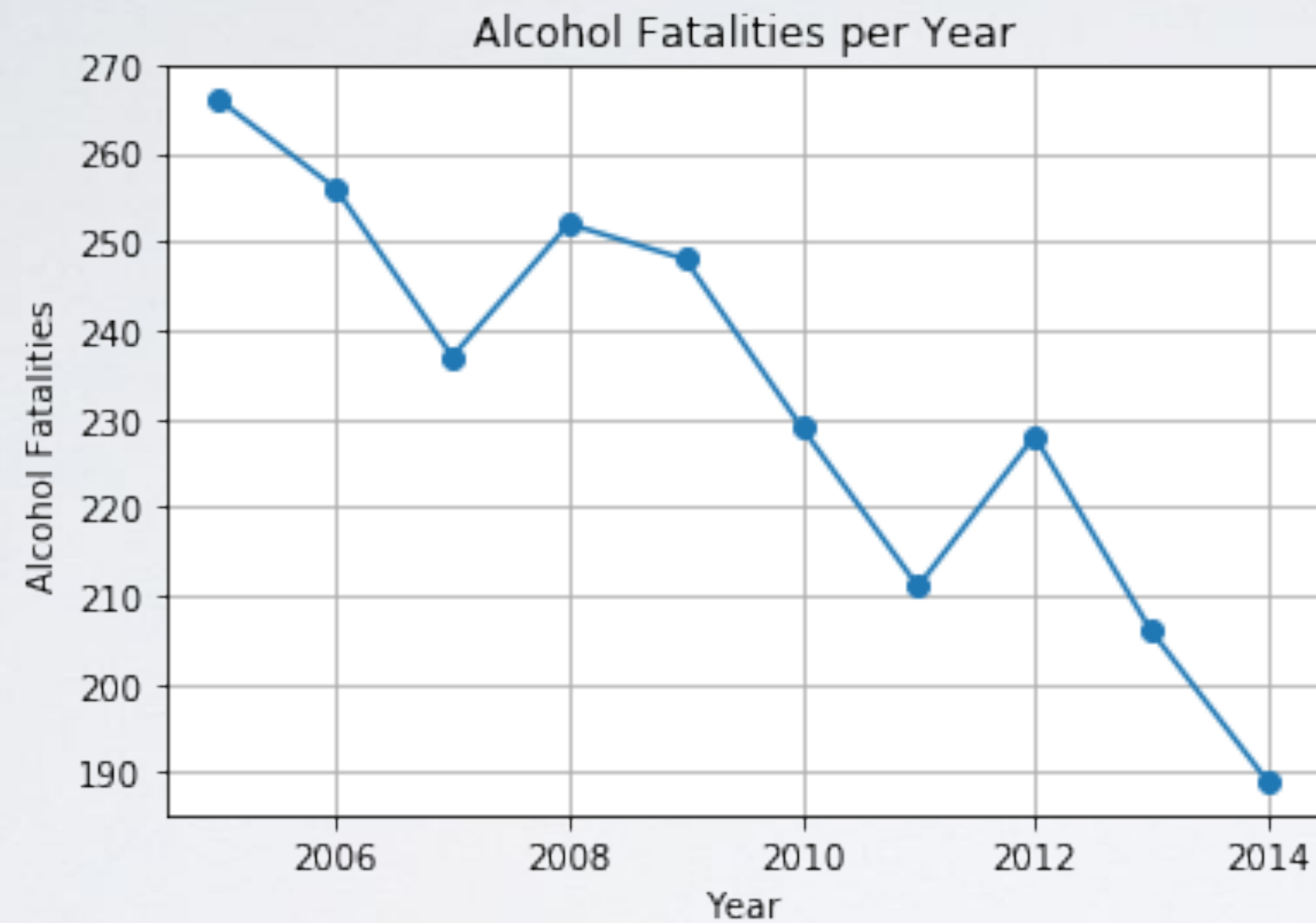




# APPENDIX

Things we've learned along the way and additional observations about the data.

# 10 YRS OF ALCOHOL AND MOTORCYCLE DATA



- <https://www.ghsa.org/state-laws/issues/Teen-and-Novice-Drivers>
- <https://phys.org/news/2018-06-dummies-based-older-bodies-road.html>
- <http://www.medicineatmichigan.org/web-exclusives/2017/february/rethinking-crash-test-dummies>
- <https://www.google.com/search?client=safari&rls=en&q=federal+motor+vehicle+safety+standards+timeline&ie=UTF-8&oe=UTF-8>
- Source of Statistical Data: [http://www.mshp.dps.missouri.gov/MSHPWeb/SAC/crash\\_data\\_960grid.html](http://www.mshp.dps.missouri.gov/MSHPWeb/SAC/crash_data_960grid.html)