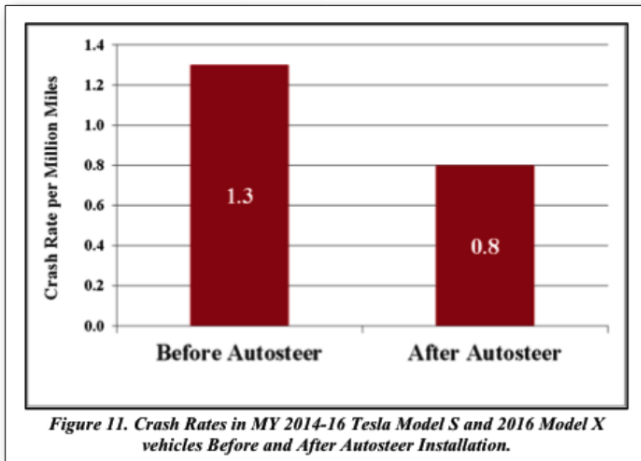




Data Visualization

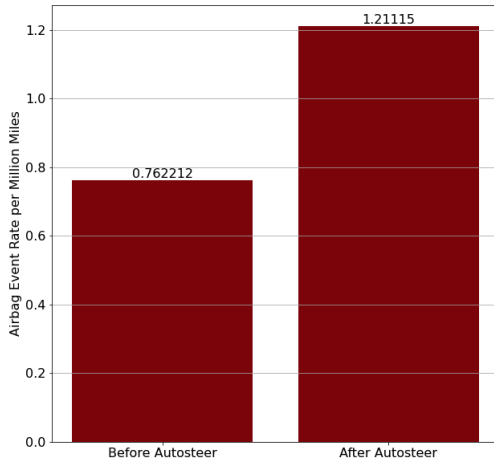
How save is autonomous driving ?

Claim by the NHTSA

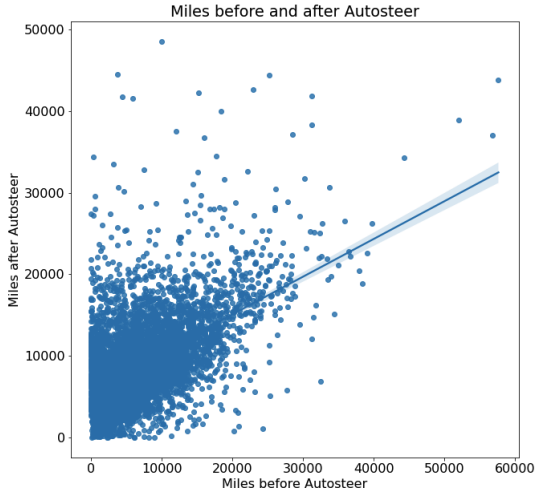


¹http://www.safetyresearch.net/Library/NHTSA_Autosteer_Safety_Claim.pdf

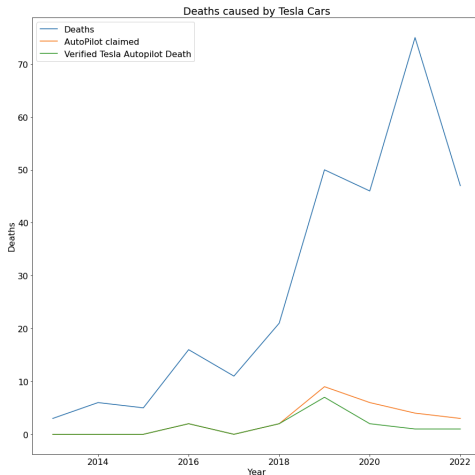
Results after Data Cleaning



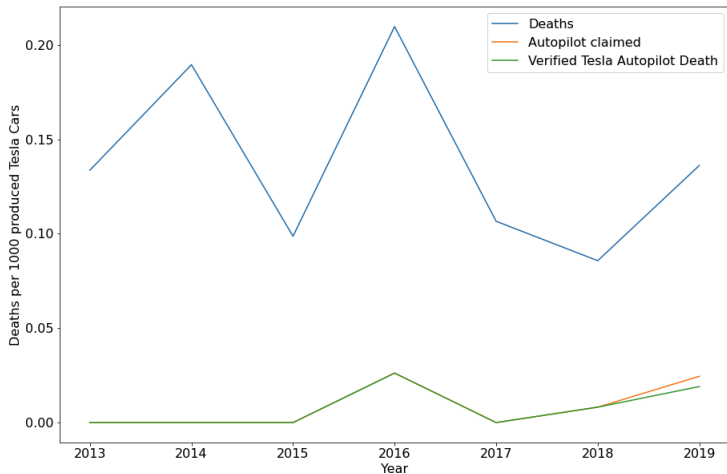
More driven miles after Autosteer Installation



Deaths caused or related to Tesla Cars



Death Rate per 1000 produced Tesla Cars



Looking at 2019

$$\begin{aligned} \text{Average Miles per Car} \cdot \text{Produced Cars} &= 6.096 \cdot 10^9 \\ \frac{\text{Deaths}}{6.096 \cdot 10^9} \cdot 100\text{M.} &= \frac{50}{6.096 \cdot 10^9} \cdot 100\text{M.} = 0.8200787003532622 \end{aligned}$$

- => Round about 0.82 Deaths per 100 M. Miles
- Global average in 2019 was about 1.2 Deaths per 100 M. Miles

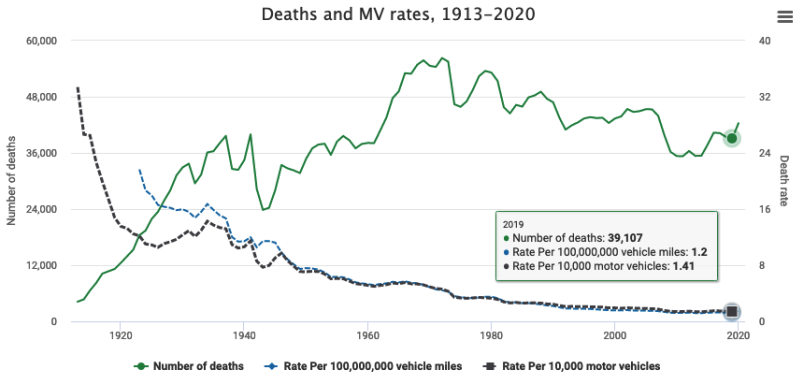
Conclusion

- Until now only about 70 deaths related to Tesla Cars
- Trend: Tesla Cars seem to be more save
- Early stages of development -> Growing industry

Thank you for your attention



Appendix



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