

# THE DANGERS/DEVELOPMENTS OF *Self-Driving Vehicles*

## NEW DEVELOPMENTS

- *Amazon's* robotaxi startup **Zoox** testing its self-driving cars in Seattle
- *Tesla's* supercomputer solution
- *Optimus Ride* launched an autonomous **bus service** in Washington D.C.
- *AutoX* launched a fully driverless **RoboTaxi** in China in 2020. It will likely spread to California by 2023
- *The University of Michigan*- The world's first purpose-built testing ground for autonomous vehicles- mini-town for driving practice



*The market is expected to grow to  
62.4 million units by 2030*

## *Top Safety Concerns*

- False sense of security
- Fire hazard
- Cyber attacks
- Unpredictable pedestrians
- Lack of regulations

## Did you know?

**There are 9.1 self-driving car accidents per 1 million miles driven compared to 4.1 crashes per 1 million miles**

## THE RISKS/CONS

### Collect personal data

The computer requires a lot of your data to operate and the info can be leaked

### Driving system failures

The automated driving systems can disengage spontaneously which can put the passengers and others in danger

### No legal precedents

If you have a car accident it would be a tricky legal case for who's at fault- the car manufacturer, "driver," etc.

### Road Hazards

Computers can have difficulty navigating hazards & different road blocks/rules

### High cost

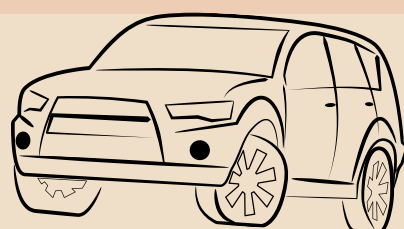
Currently, the technology required for self-driving vehicles is \$100,000+

### Financial loss

Personal injury lawyers, the gas industry, and driver's ed courses would lose money

potential loss of

***2.9 million jobs***  
due to robots replacing drivers



### SOURCES

<https://www.natlawreview.com/article/dangers-driverless-cars>

<https://www.autoinsurancecenter.com/top-20-pros-and-cons-associated-with-self-driving-cars.htm>

<https://www.bbc.com/future/article/20211126-how-driverless-cars-will-change-our-world>