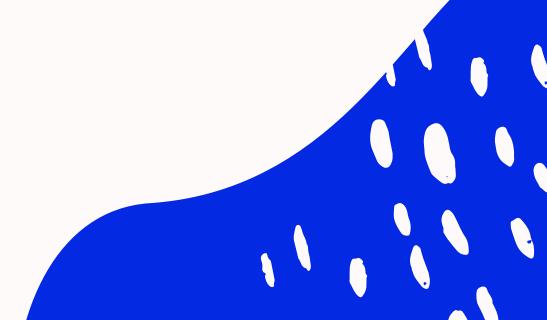


How can unmanned drivers survive better?

小组成员: 梁素敏 黄浩智 刘红烈 郑彦薇





Today's Discussion

Part1 Theme Introduction;

Part2 Raise Question;

Part3 Solutions;

Part4 Further Improve.



Ol Jodays Discussion Theme Introdution

Imagine a scene



Suppose you hesitate for three seconds, it may happen that...





Or

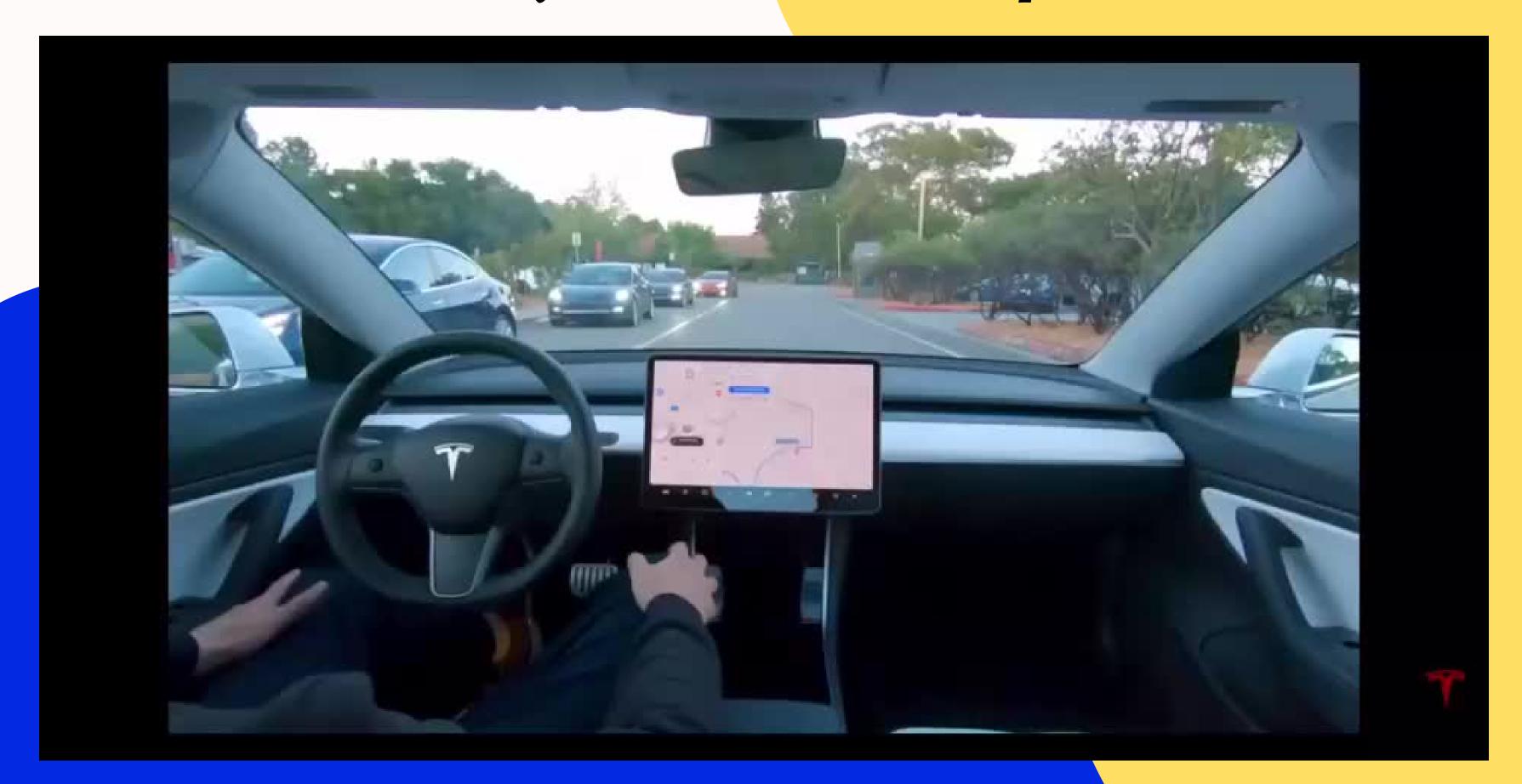


02 Raise Question

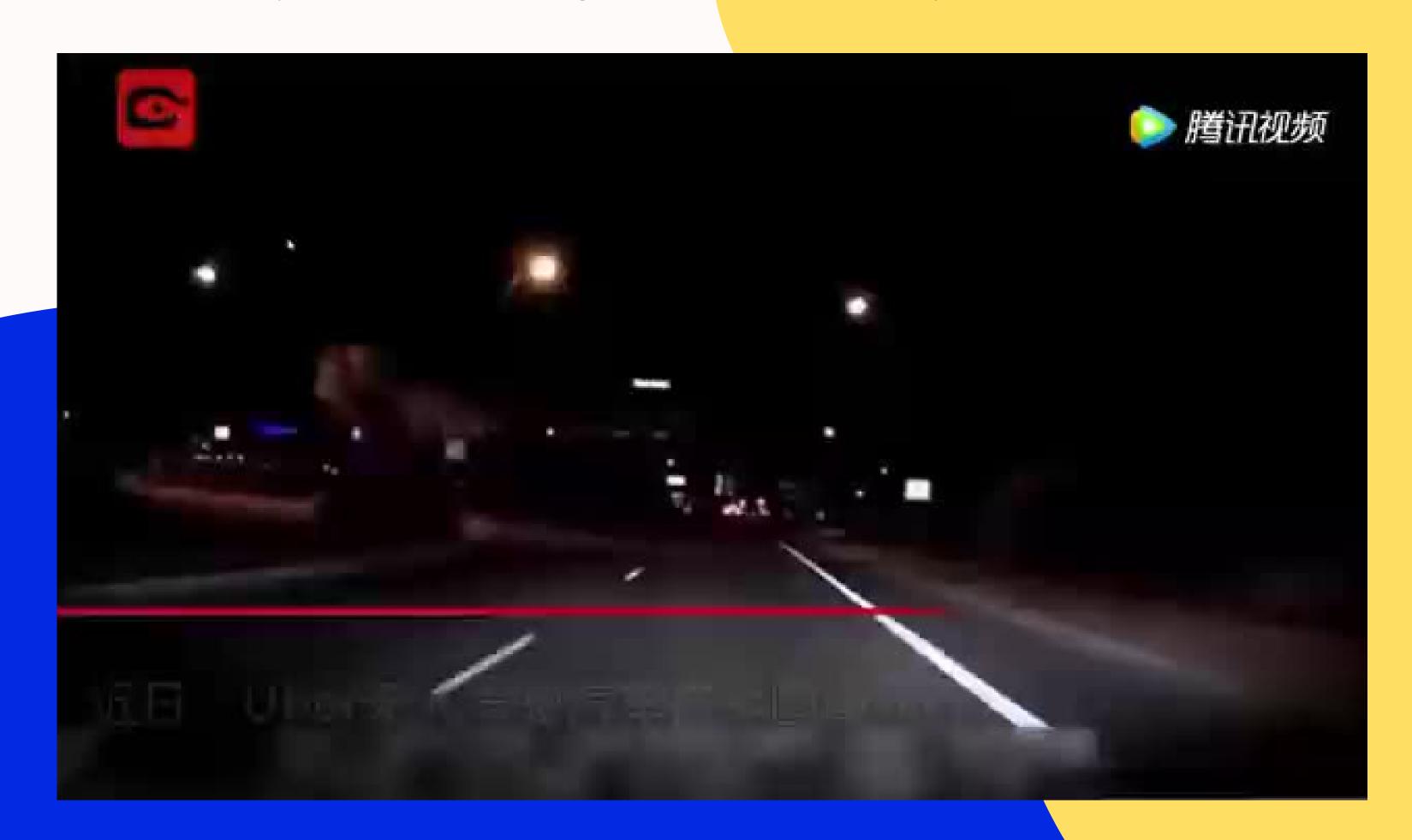
When we turn on the automatic driving mode of the car, and hand over the driving authority to artificial intelligence.

• What will happen?

Maybe we'll have a nice trip.



There may also be emergencies that the system cannot avoid.



Since it has hidden dangers, is it better to abandon this technology?

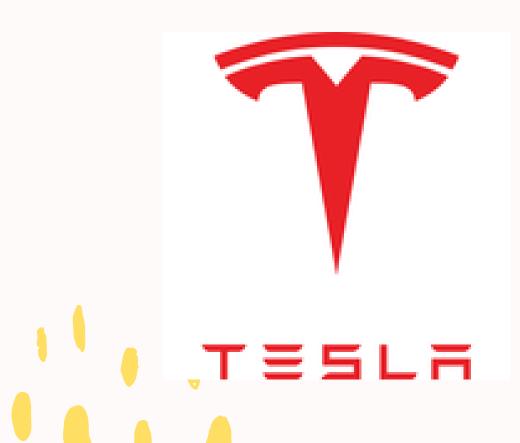


O3 Solutions

Who is working in this area?

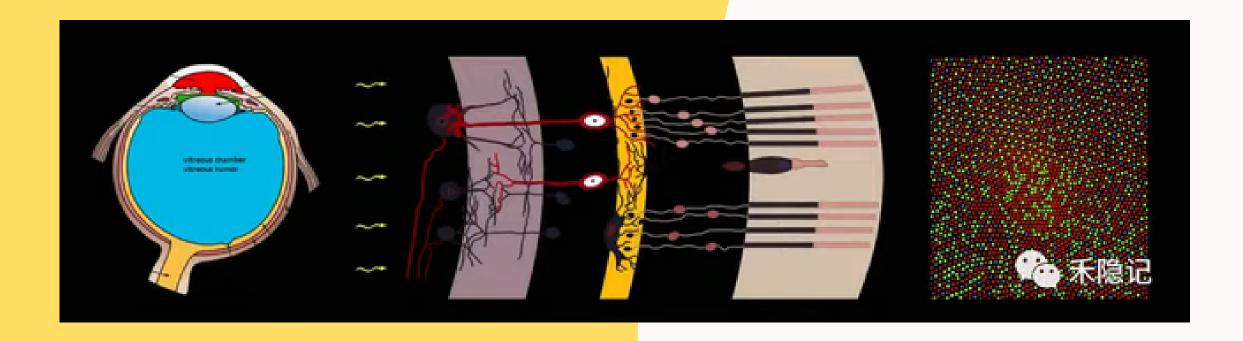
Project planning



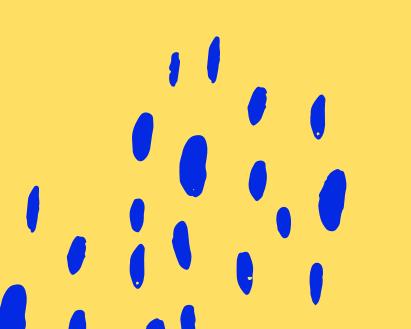


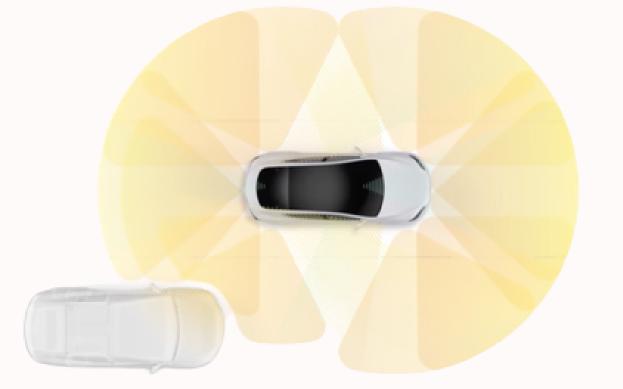


Humans perceive the world through their eyes

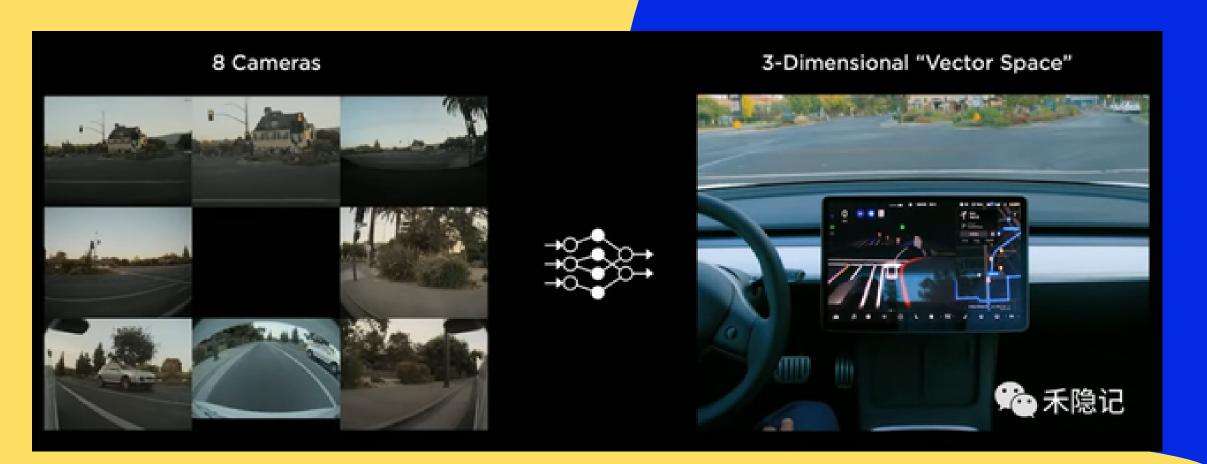


The machine senses the world through sensors

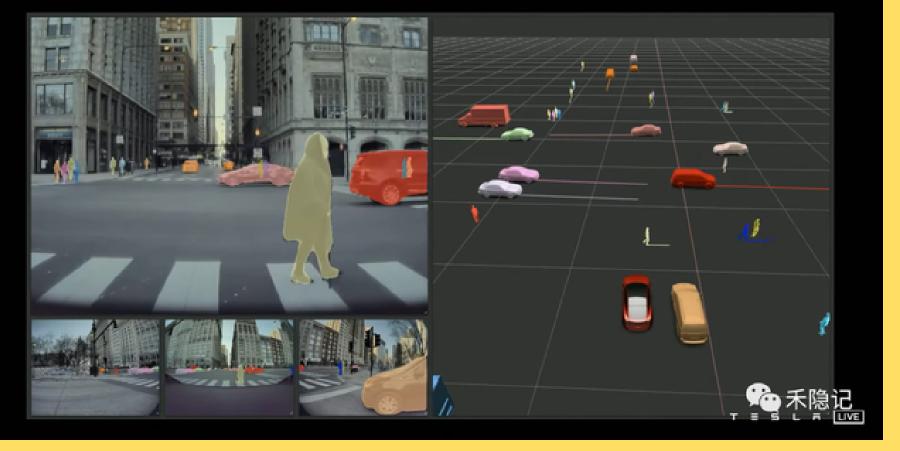


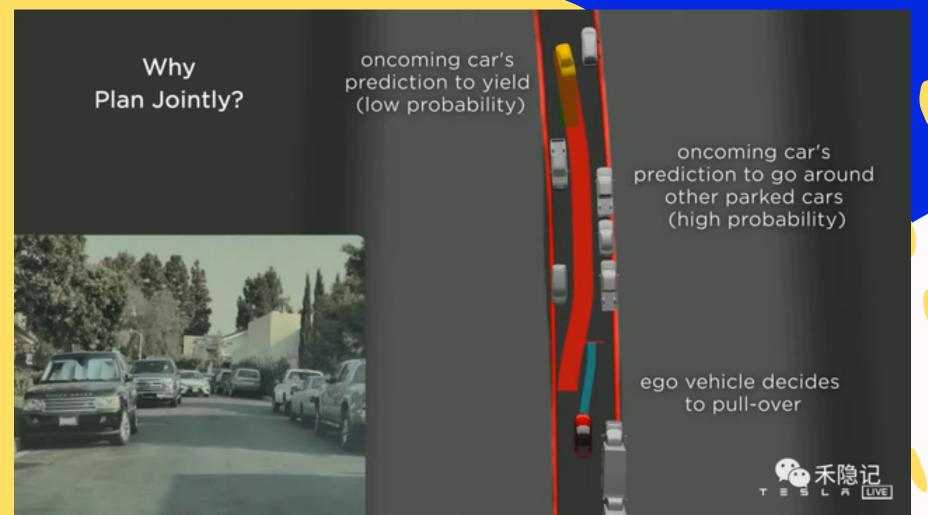


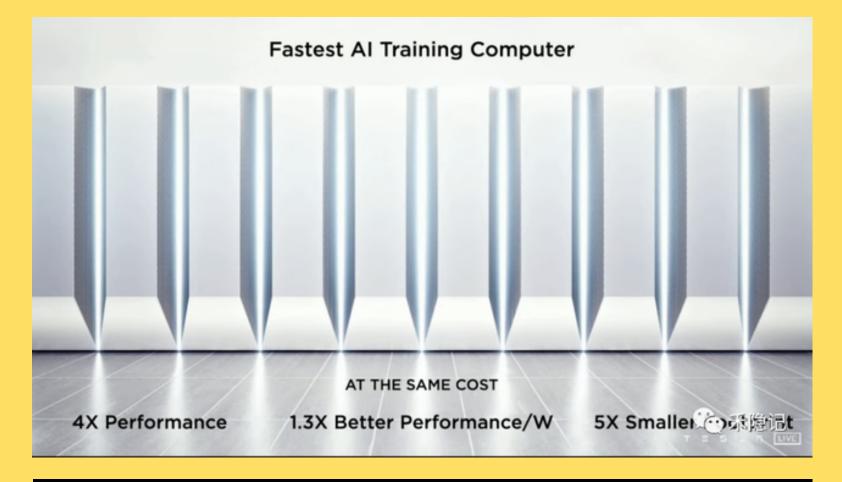




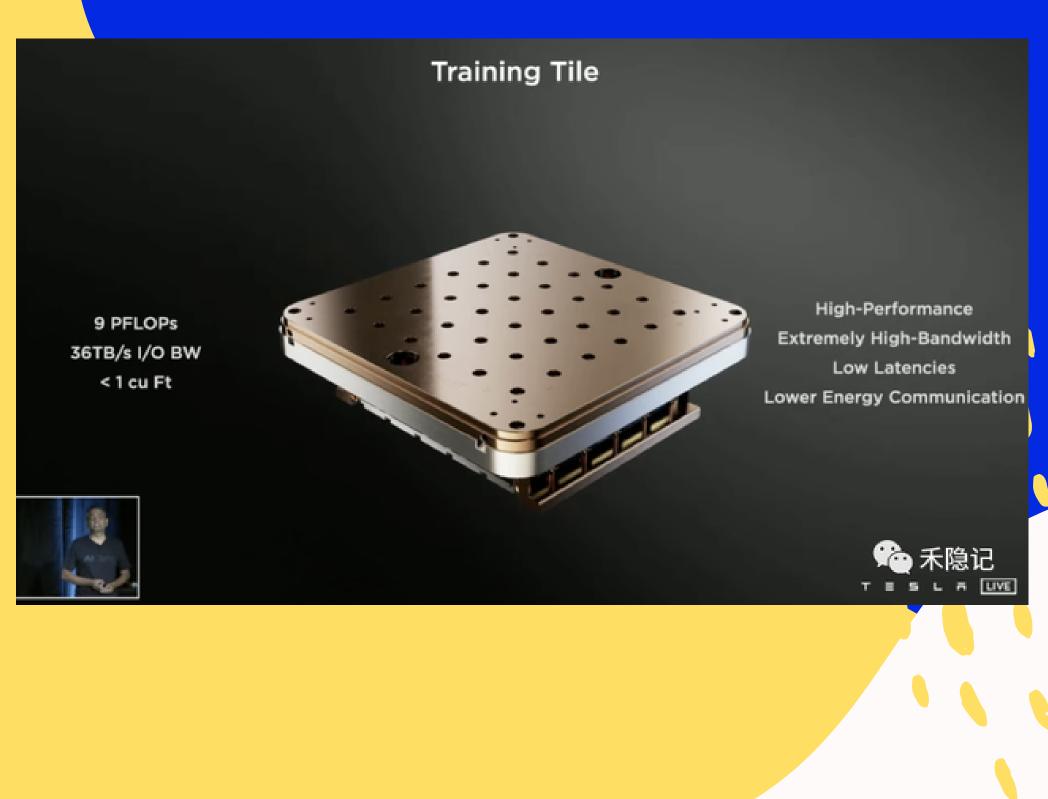
Persisting Vehicles & Pedestrians Through Occlusions











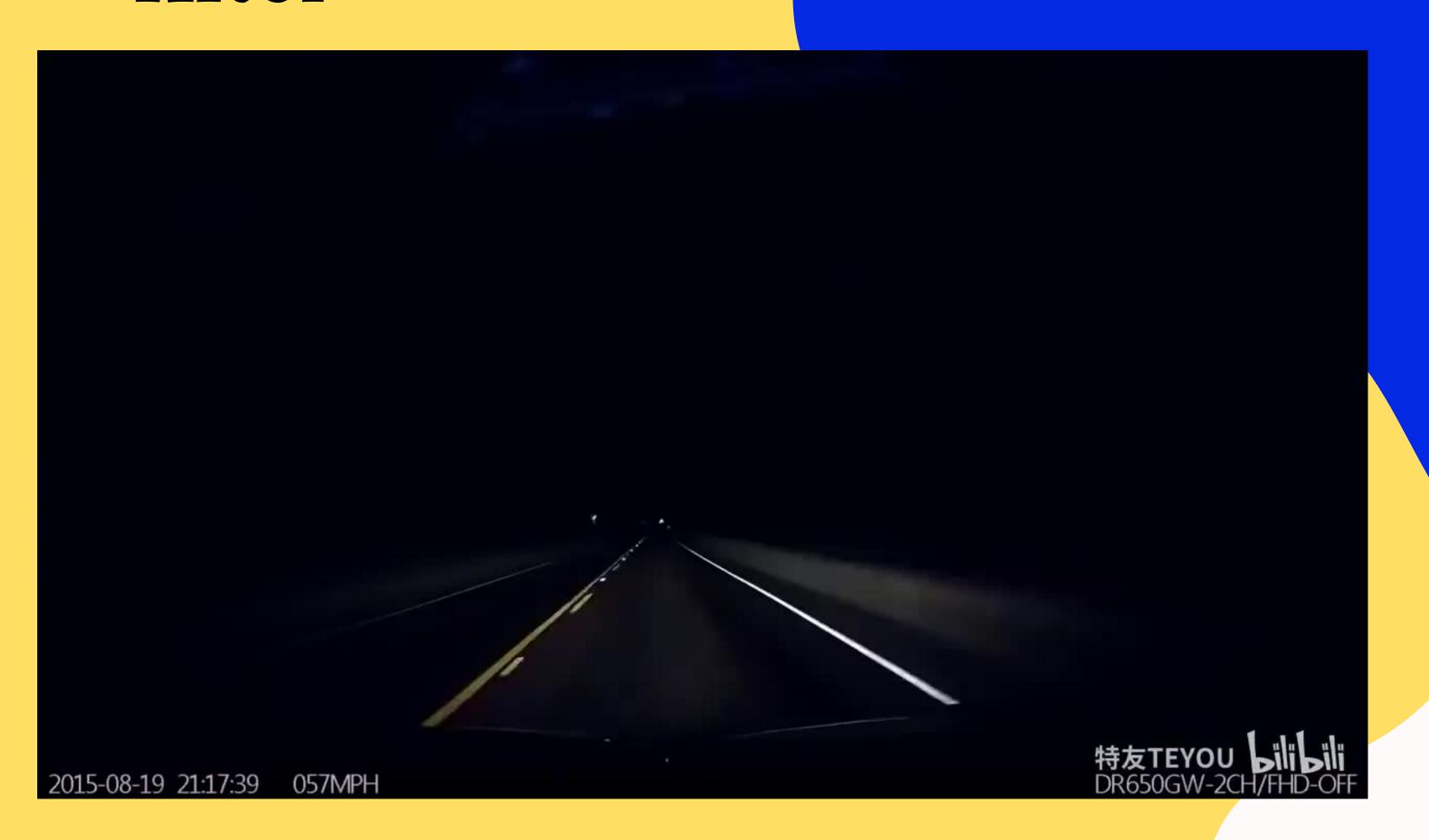
Before



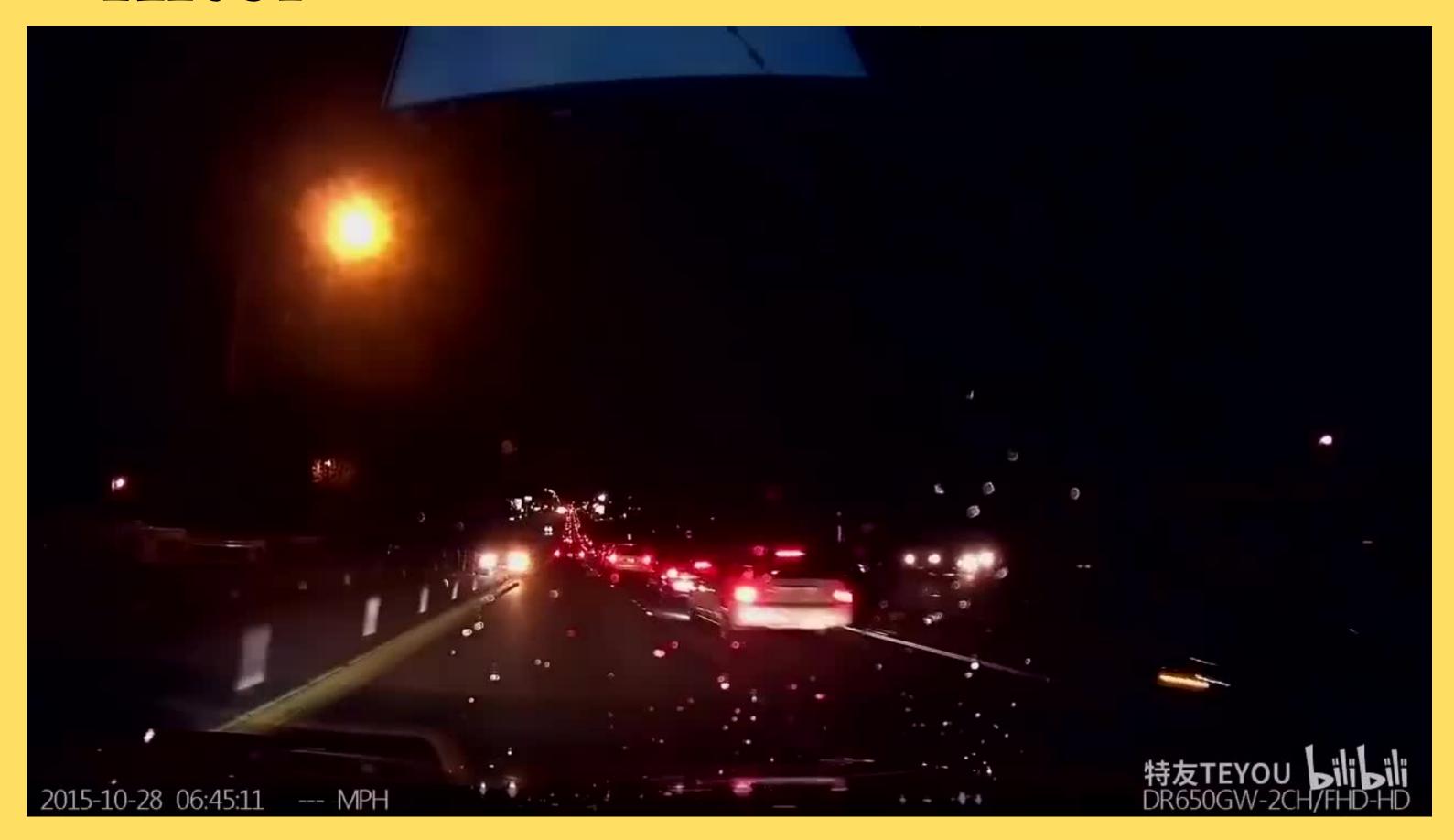
Before



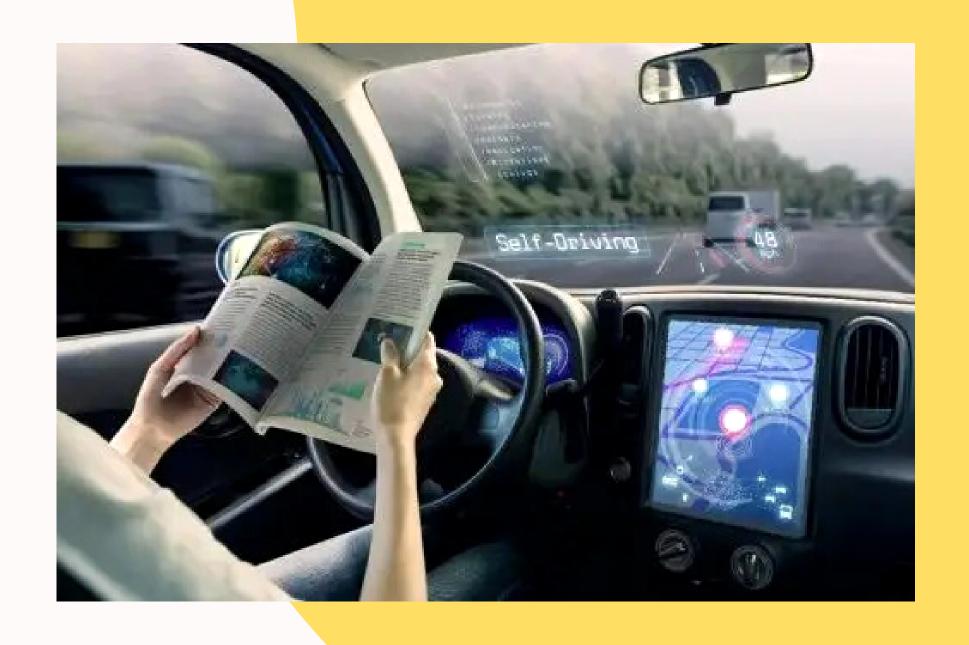
After



After



04 Futher improve



Software design and optimization

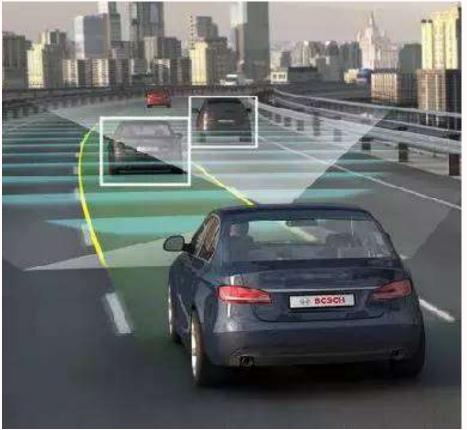
To really release the driver's hands, better technology is needed to ensure that there is no jam or error for a long time

Improve the accuracy of intelligent navigation

Improving the accuracy can better solve the problem and reduce the need to return the driving right to the driver. In the face of a fork in the road, it can be solved by technology.

Have better sensors

Avoid obstacles and uneven roads, and keep a safe distance from the vehicle in front







When driverless, who should responsible except for the accident?



The era of intelligence is coming



Thank You