



Google driverless car





What could have prevented the accident?

PAY
PAY ATTENTION!
ATTENTION!



Most common cause of Car Accident



Cell Phones



Make up



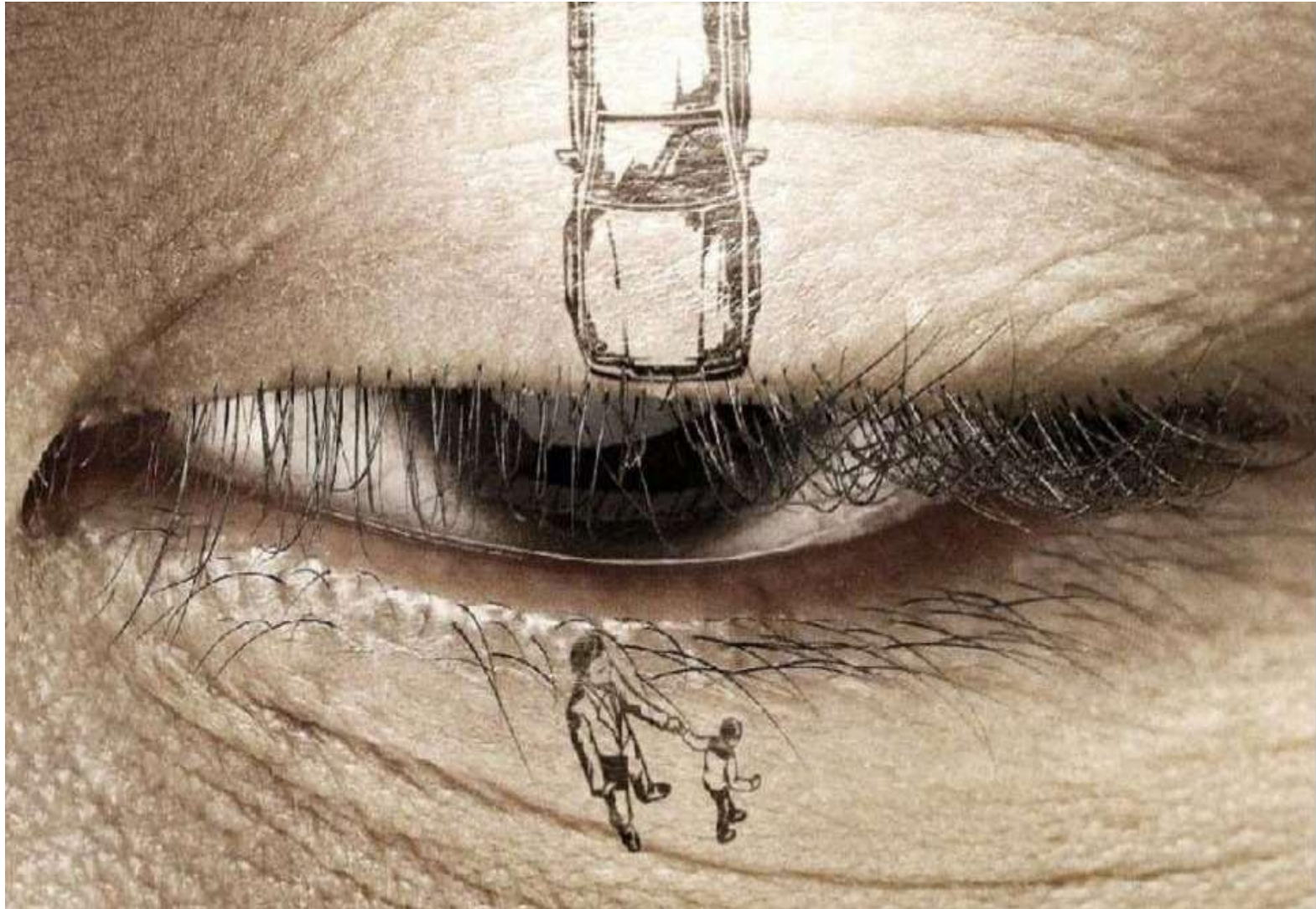
Eat

In-car Entertainment System





Sleepy Driver





Introduction:

Google Driverless Car is like any other car, but

- It can steer itself while looking out for obstacles
- It can accelerate itself to the correct speed limit
- It can stop and go itself based on any traffic conditions



It can take its passengers anywhere it wants to go safely, legally, and comfortably.



What is Driverless Car?

It is a vehicle that can drive itself from one point to another **w**ithout assistance from a driver

In other words, with an autopilot system



Am I losing job soon?
Or very soon?





Idea & Concepts



- The **Google Self-Driving Car** is a project by Google that involves developing technology for autonomous cars.
- The software powering Google's cars is called **Google Chauffeur**.
- The project is currently being led by Google engineer **Sebastian Thrun**, former director of the Stanford Artificial Intelligence Laboratory and co-inventor of Google Street View.

Google Self-Driving Car





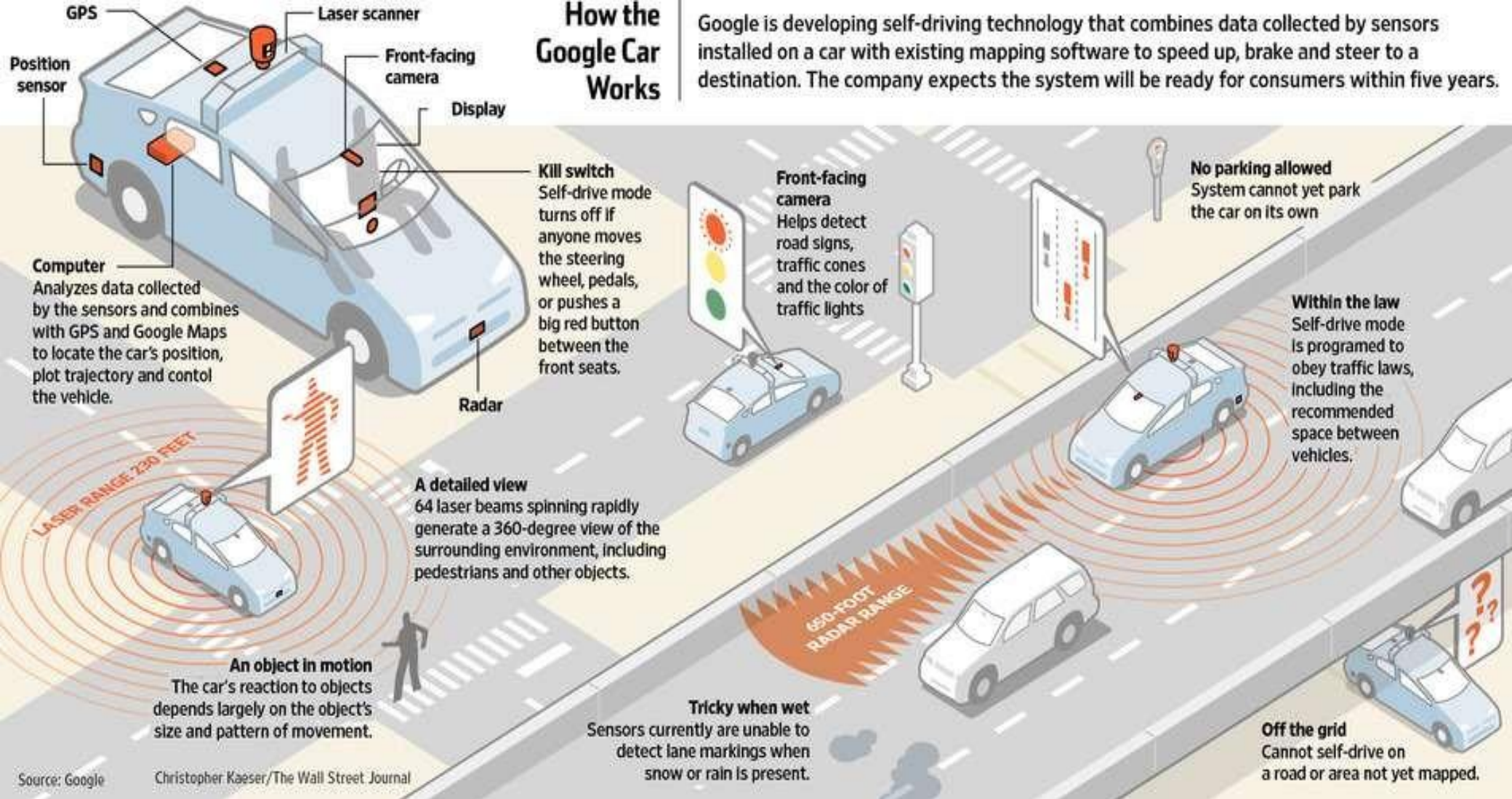
FEATURES & FUNCTIONS

Basically **h**ow it works.



How the Google Car Works

Google is developing self-driving technology that combines data collected by sensors installed on a car with existing mapping software to speed up, brake and steer to a destination. The company expects the system will be ready for consumers within five years.



Source: Google

Christopher Kaeser/The Wall Street Journal



Advantages





Driverless Car drive at Optimal Speed



1. Reduction of Car **A**ccidents

- Automated collision avoidance systems
- Drive at **optimal speed**
- Less fatalities
- Avoid human errors
- No sleepy, grumpy, texting humans
- Increased reliability and faster reaction time compared to human drivers

... due to an autonomous system's





2. Fuel-efficient

Due to
optimal **s**peed





3. Convenient



- Sit in the car, let the car drive you to the destination
- Fully utilize the advancement of technologies

4. Better traffic flow



There would be a better management of traffic flow as they will all be monitored over a controlled system