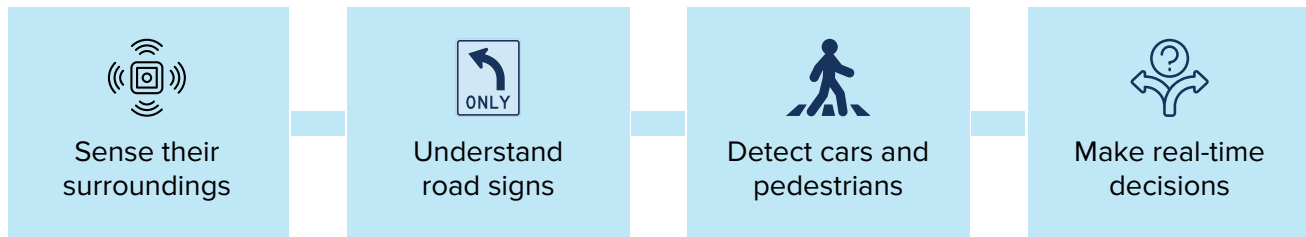


## WHAT IS AN AUTONOMOUS VEHICLE?

An autonomous vehicle, or AV, is a vehicle that can drive itself without any human input. AVs, also called self-driving cars, can handle all aspects of driving, including steering, braking, speed control, and lane keeping.

### AVs CAN:



## HOW DO THEY WORK?

AVs use sensors like cameras and radar to perceive their surroundings. Onboard computers take the sensor data and use artificial intelligence to interpret the environment and make driving decisions. Meanwhile, GPS and maps help the system pinpoint its location and plan routes.



### AVs VS. ADAS

There's an important distinction between AVs and vehicles with Advanced Driver Assistance Systems (ADAS). ADAS features, e.g., blind spot monitoring, are designed to help — not replace — human drivers. Simply put, AVs can operate with no human intervention, but cars with ADAS require drivers to stay engaged at the wheel.

## ABOUT PAVE

Partners for Automated Vehicle Education (PAVE) is a coalition of industry leaders, consumer advocates, and other AV stakeholders who believe that we can maximize the safety and societal benefits of automated technologies by building public understanding.