

Simulation: Scenario Cards (print back-to-back or distribute first)

Scenario #1: The Bridge

Your autonomous car is driving on a narrow bridge. Suddenly, a group of five pedestrians appears in the lane, and there's no time to brake.

Your decisions:

- A. Swerve off the bridge, risking the passenger's life
- B. Continue straight, risking the pedestrian's lives

Scenario #2: School Bus Dilemma

Your autonomous car turns around a blind corner and there is a stopped school bus just ahead, dropping off a group of 10 children.

Your decisions:

- A. Stay in lane and attempt to brake, risking a rear-end collision from behind and rear-ending the school bus
- B. Swerve around the bus, risking running over schoolchildren

Scenario #3: Wildlife Crossing

Your autonomous car is driving through a rural area at night, carrying three passengers. Suddenly, a group of deer runs onto the road in front of the car.

Your decisions:

- A. Swerve into the adjacent field, risking the car's control and passenger safety.
- B. Continue straight, risking a collision with the deer.

Simulation: Result Cards (print back-to-back or distribute second)

Results for Scenario #1: The Bridge

Decision A Outcome: The car swerves off the bridge, saving the pedestrians but severely injuring the passenger. Society praises the car's programming for valuing multiple lives, but the family of the injured passenger raises ethical and legal concerns. Who should be at fault for the passenger's injuries?

Decision B Outcome: The car continues straight, injuring the pedestrians but saving the passenger. Many question whether the car's programming prioritized the passenger over others, leading to debates about ethics in autonomous driving.

Results for Scenario #2: School Bus Dilemma

Decision A Outcome: The car brakes hard, staying in its lane, but getting hit from behind. The car then runs into the back of the school bus. The car's air bag deploys. The passengers in both cars suffer minor injuries, and three children on the bus are slightly injured from the collision. This raises questions about the car's reaction time and the responsibility of following drivers.

Decision B Outcome: The car swerves to the left to avoid the school bus, and hits three children who were crossing the road. All three are taken to the hospital. This sparks debates about the car's "decision" to put children at risk to avoid a multiple-car collision.

Results for Scenario #3: Wildlife Crossing

Decision A Outcome: The car swerves off the road and into the field, losing control and resulting in a crash. The passengers are all sustain non-life-threatening injuries, including a broken arm and a concussion. The deer are unharmed. This raises discussions about prioritizing animal life over human safety.

Decision B Outcome: The car continues straight, hitting several deer and causing significant damage to the vehicle. The passengers sustain minor injuries, including bruises and cuts. Two adult deer and two fawns are killed. This leads to ethical questions about valuing human convenience over animal life.