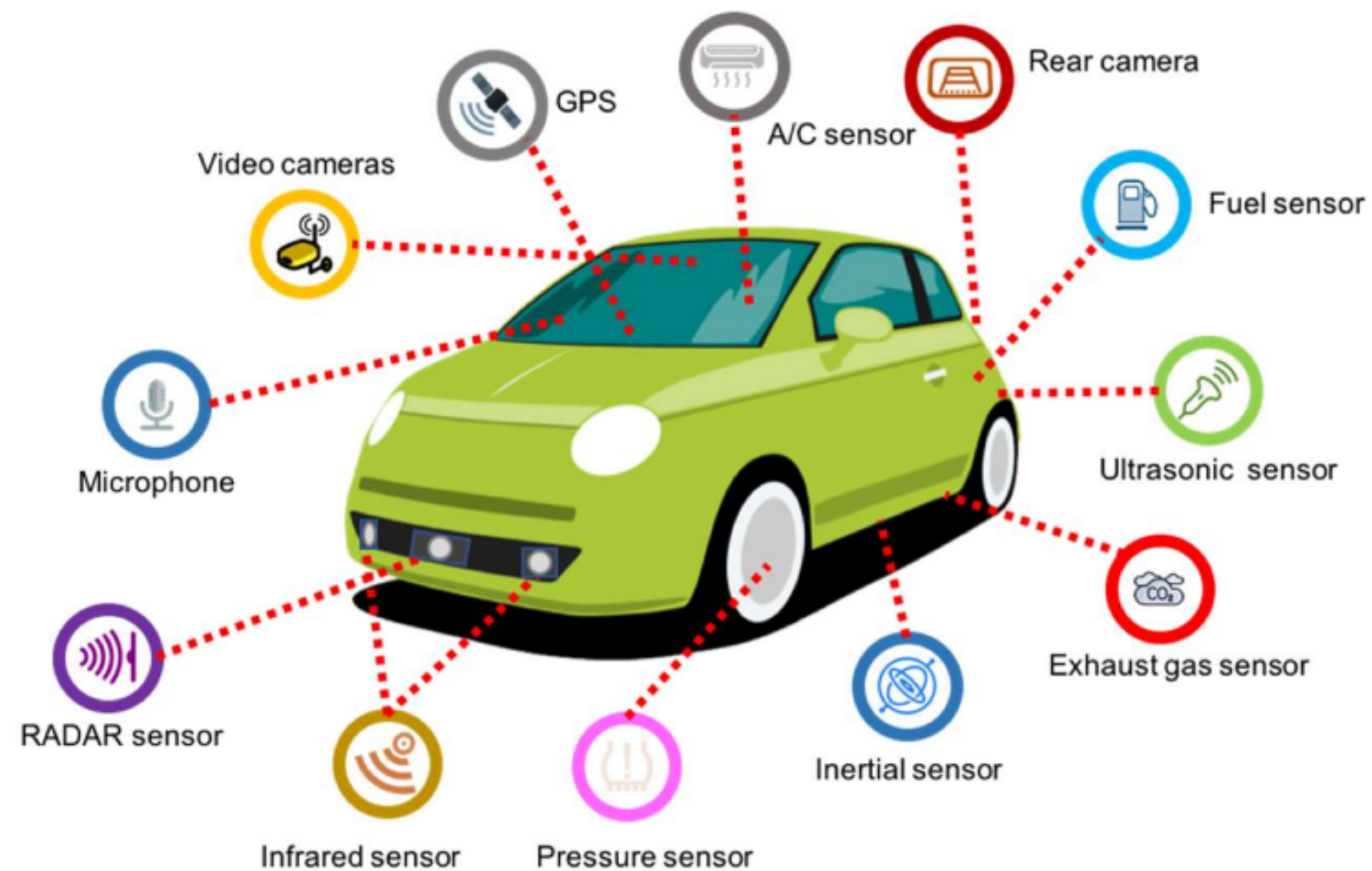


# Vehicle Sensor



23 sensors for the aim of segmentation.

## Features

- ✓ Acoustic feature (  $\times 50$  )
- ✓ Seismic feature (  $\times 50$  )

**Predict** between AAV-type and DW-type vehicles

# Simulations

## Multi-Task Learning for the Federated Setting

Table 1: Average prediction error: Means and standard errors over 10 random shuffles.

Model	Human Activity	Google Glass	Vehicle Sensor
Global	2.23 (0.30)	5.34 (0.26)	13.4 (0.26)
Local	1.34 (0.21)	4.92 (0.26)	7.81 (0.13)
MTL	<b>0.46 (0.11)</b>	<b>2.02 (0.15)</b>	<b>6.59 (0.21)</b>