Computer vision in autonomous vehicles
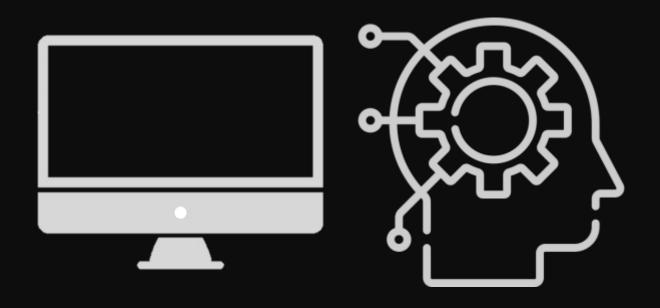
What is Computer Vision?

AI

Computer vision
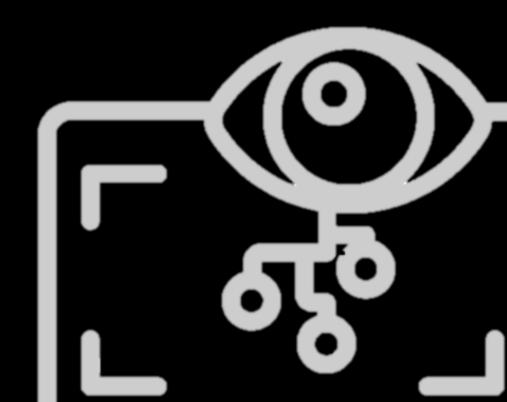
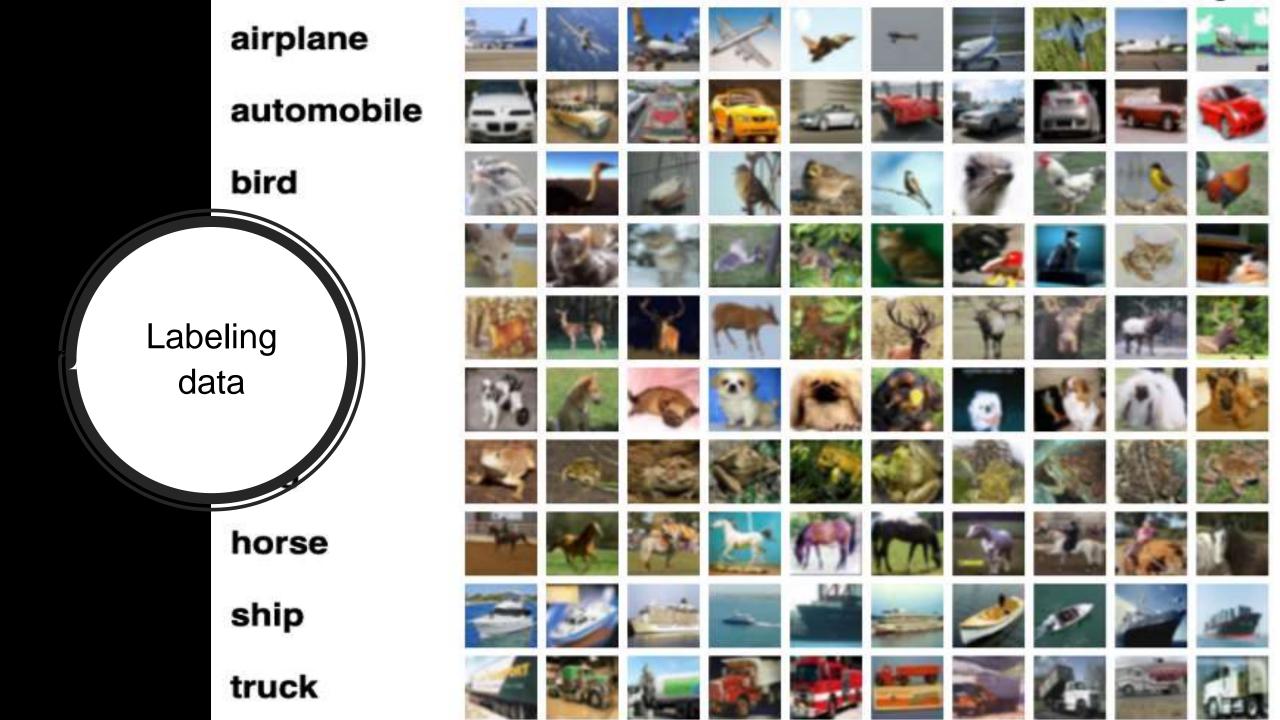# Computer vision Tech
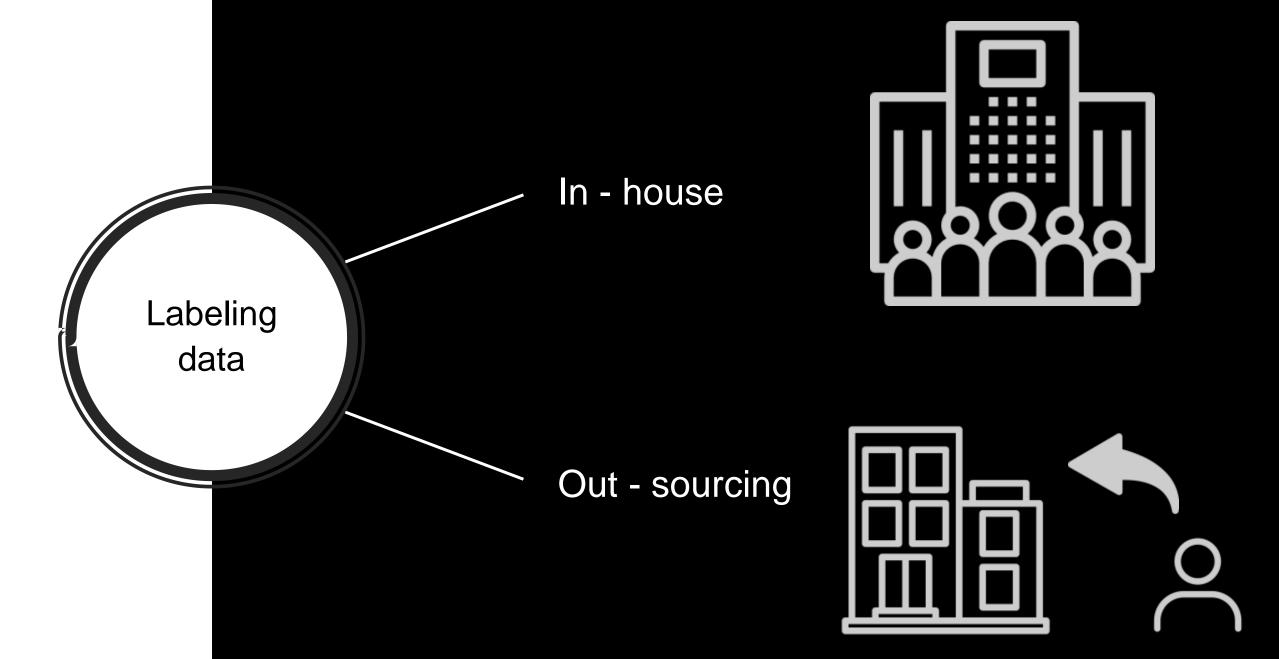
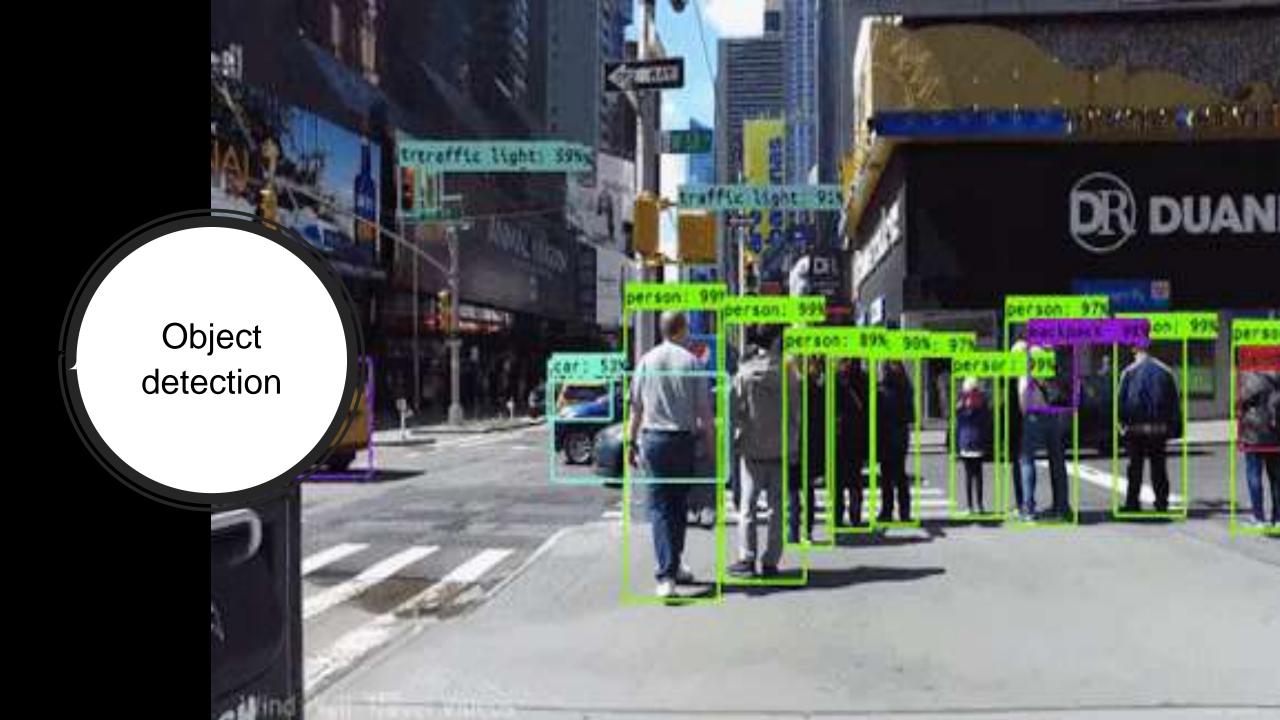Gathering the training data

Data Labeling

Object detection

Stereo vision

Semantic segmentation and
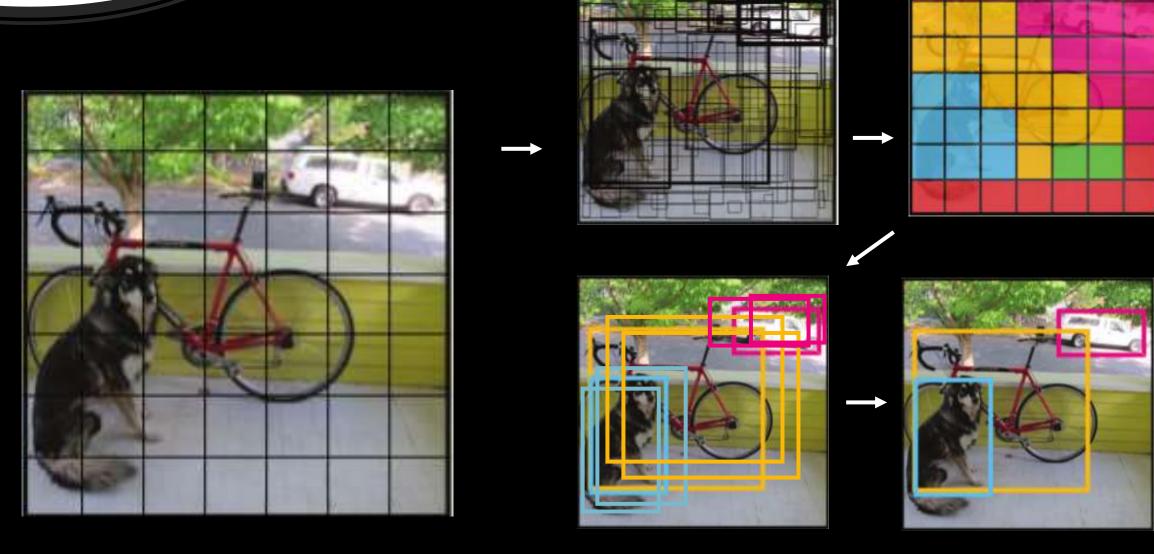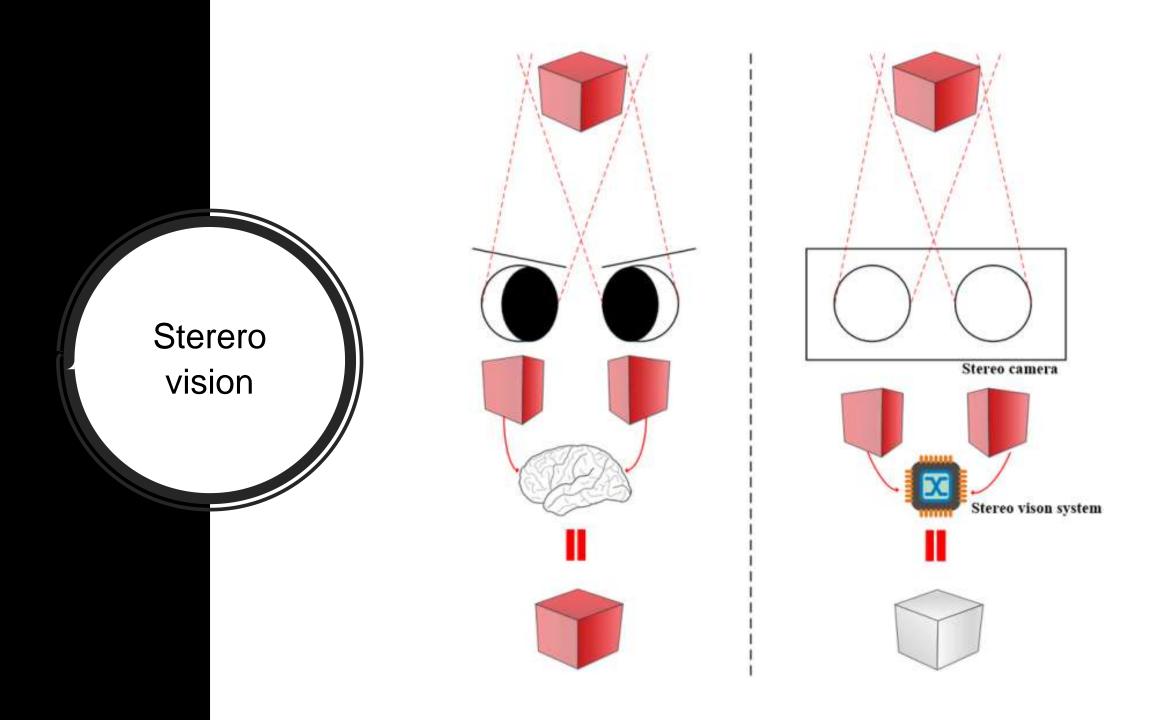semantic instance segmentation

Gathering the training Data

airplane
automobile
bird
horse
ship
truck

Labeling data

Sliding windows

YOLO

NMS

Sterero vision

Stereo camera

Stereo vison system

Semantic segmentation

Road

pedestrian

Car

Instace segmentation

Car3

Car1

Car2

Thank you