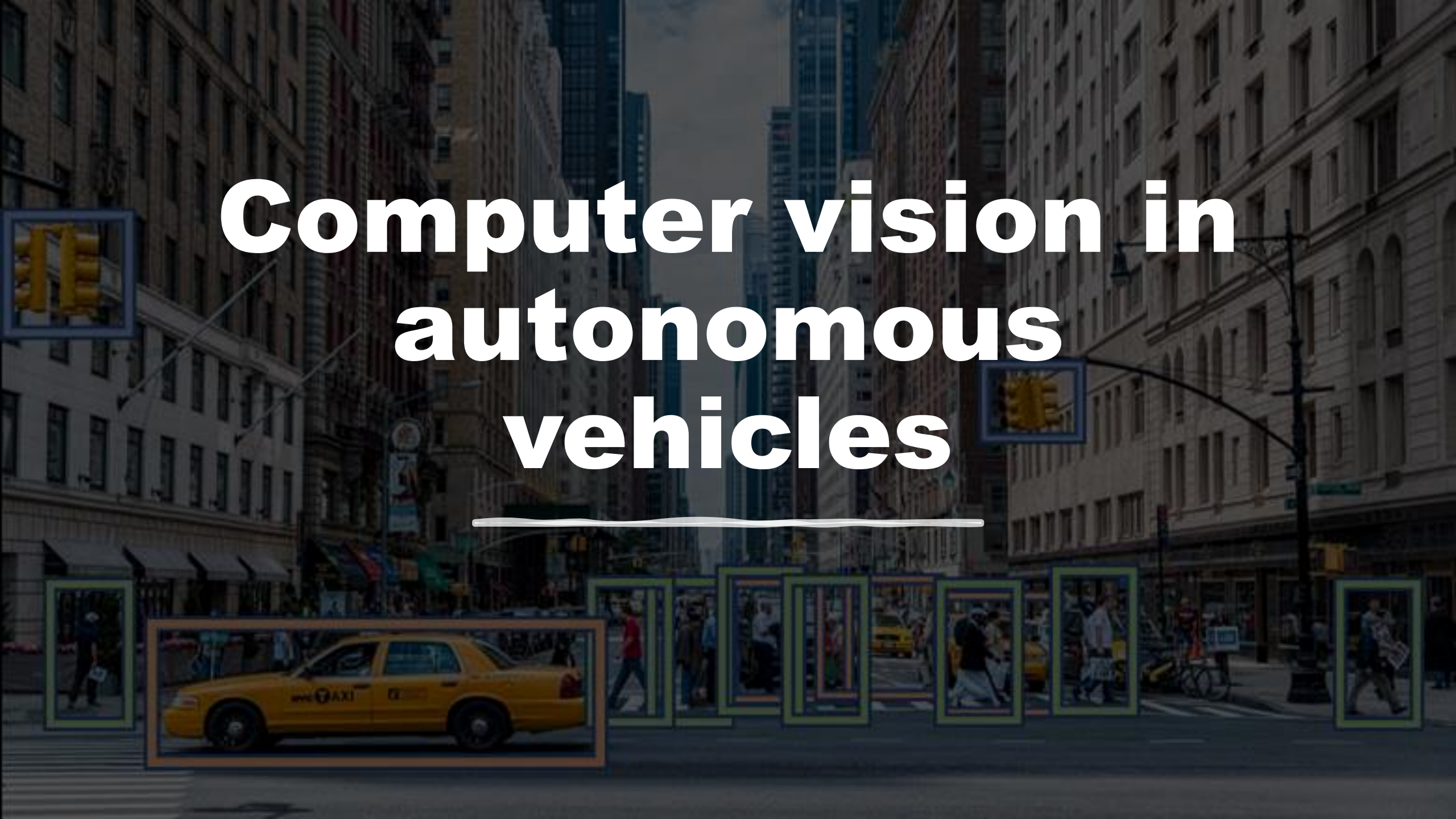
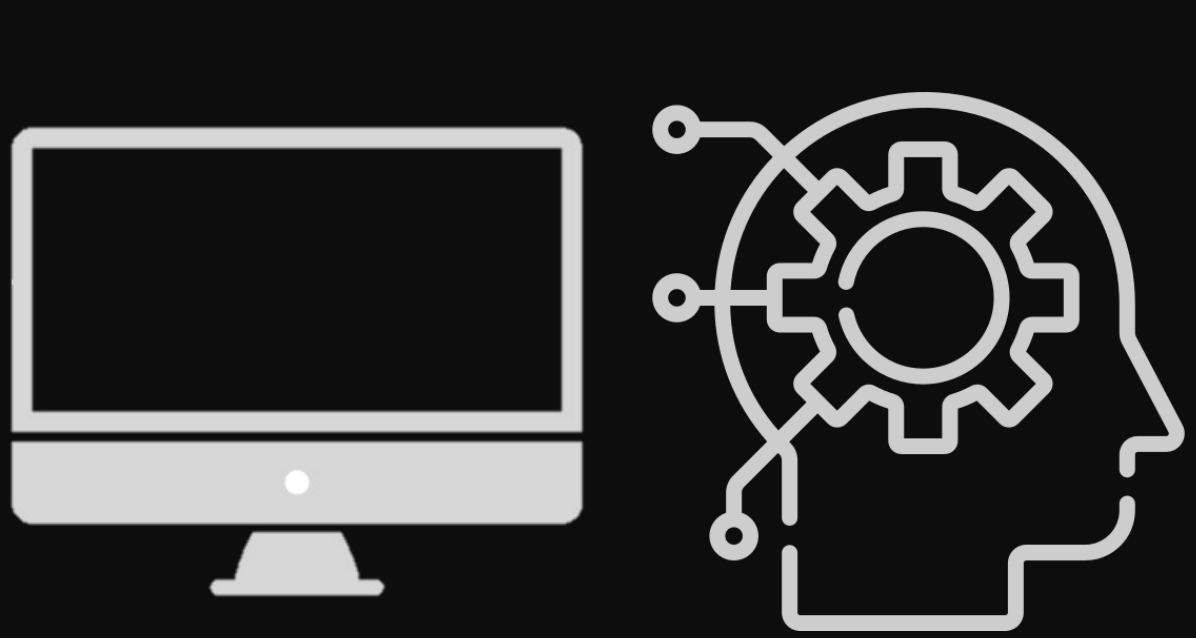


Computer vision in autonomous vehicles

What is Computer Vision?



AI

Computer vision

Computer vision Tech

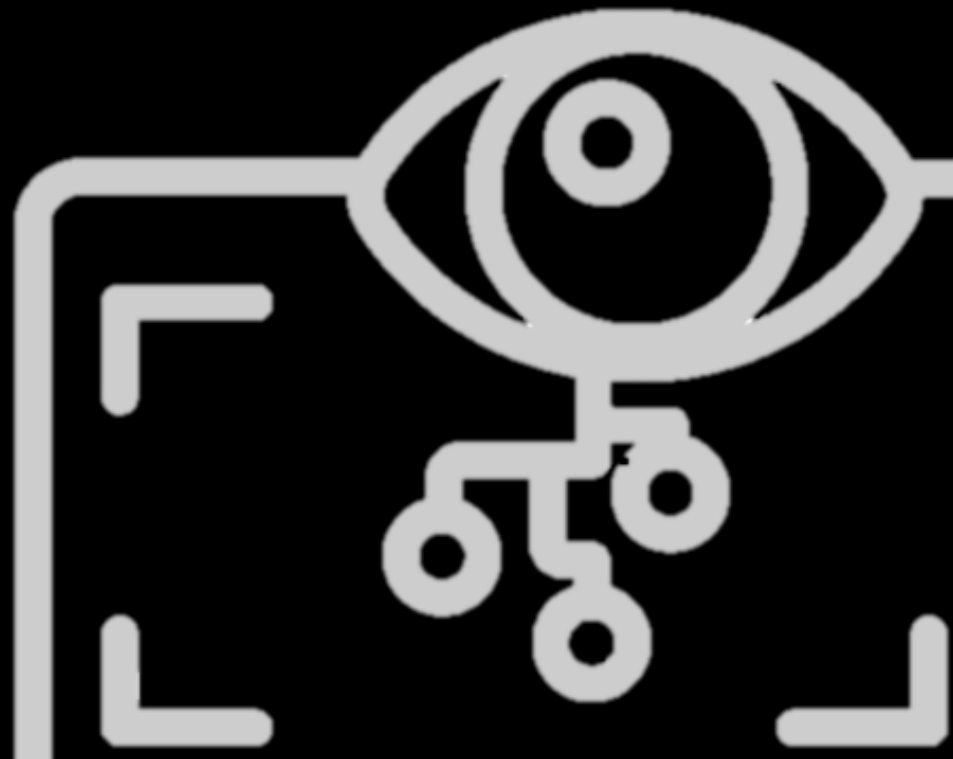
Gathering the training data

Data Labeling

Object detection

Stereo vision

Semantic segmentation and
semantic instance segmentation



Gathering the training Data

airplane

automobile

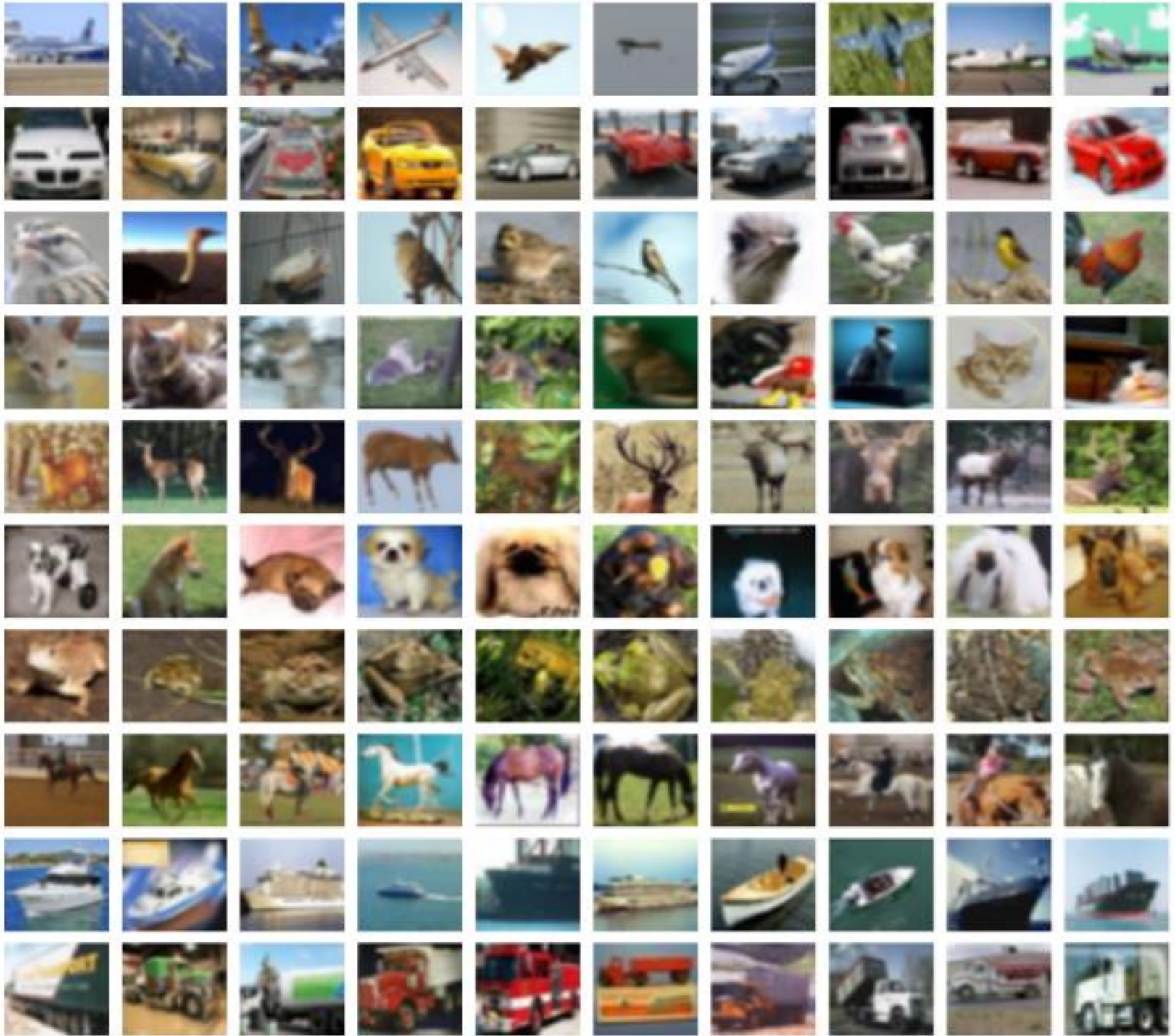
bird

Labeling data

horse

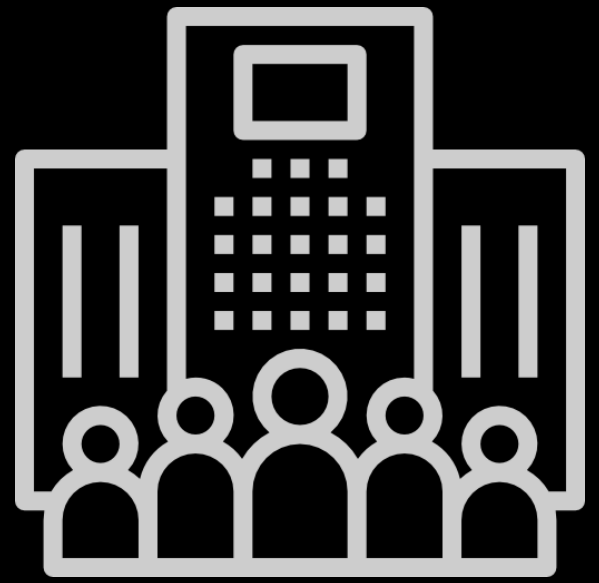
ship

truck

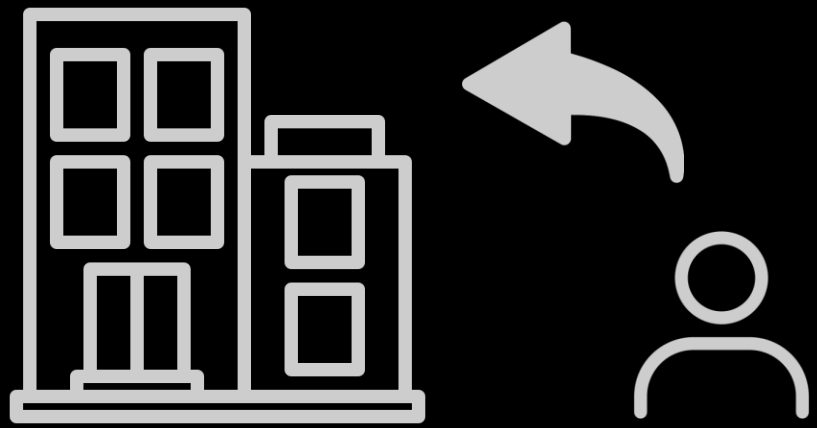


Labeling data

In - house



Out - sourcing



Object detection

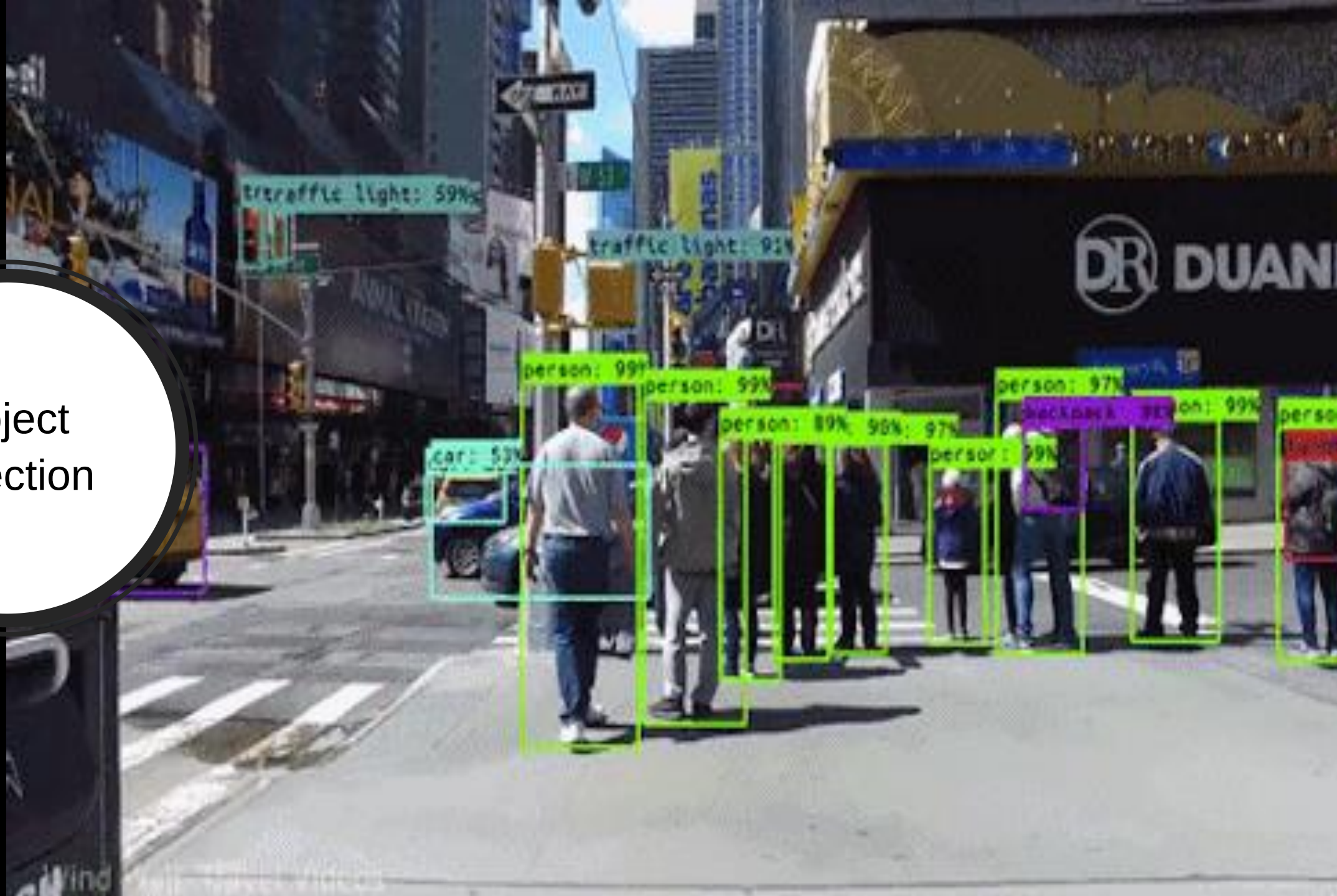
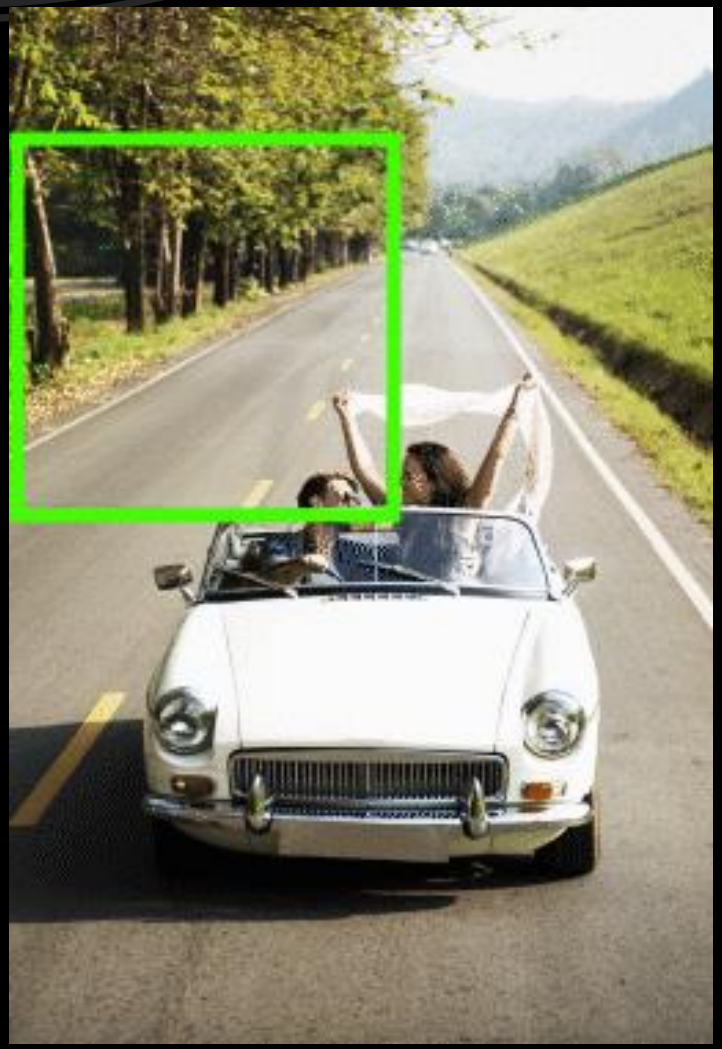



Image classification
Object detection
Image localization

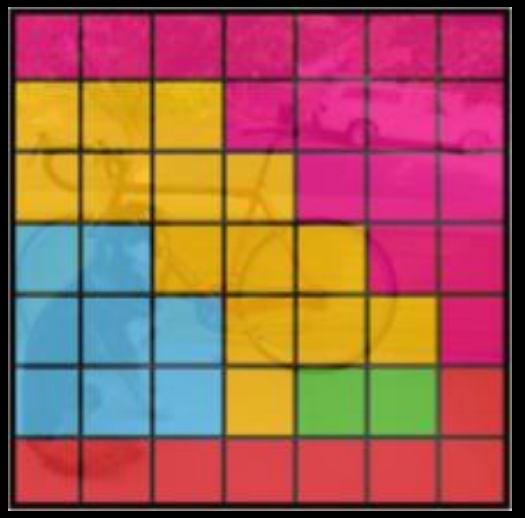
Object Detection

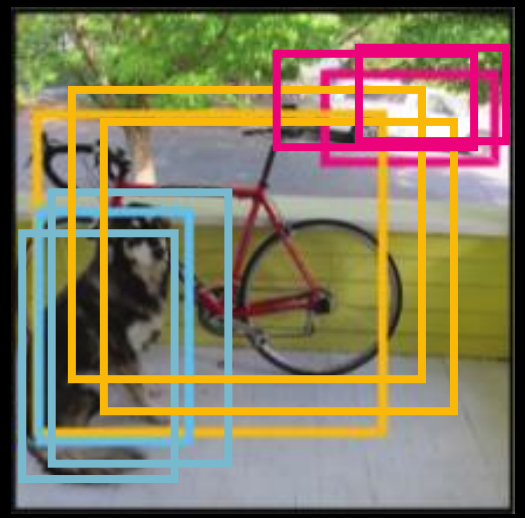


Sliding windows

Object Detection

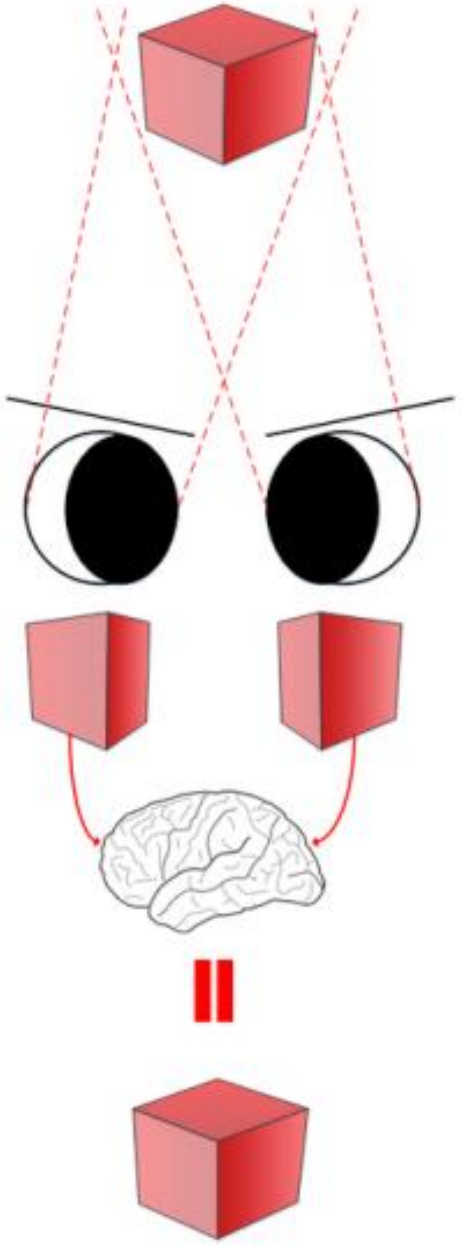
YOLO

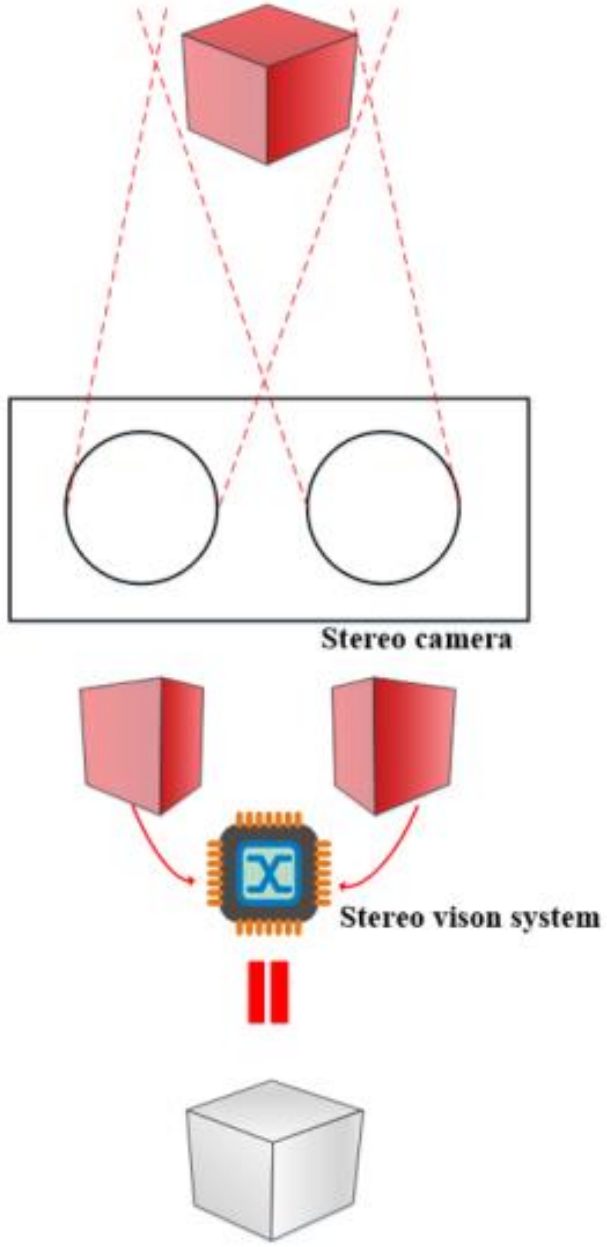




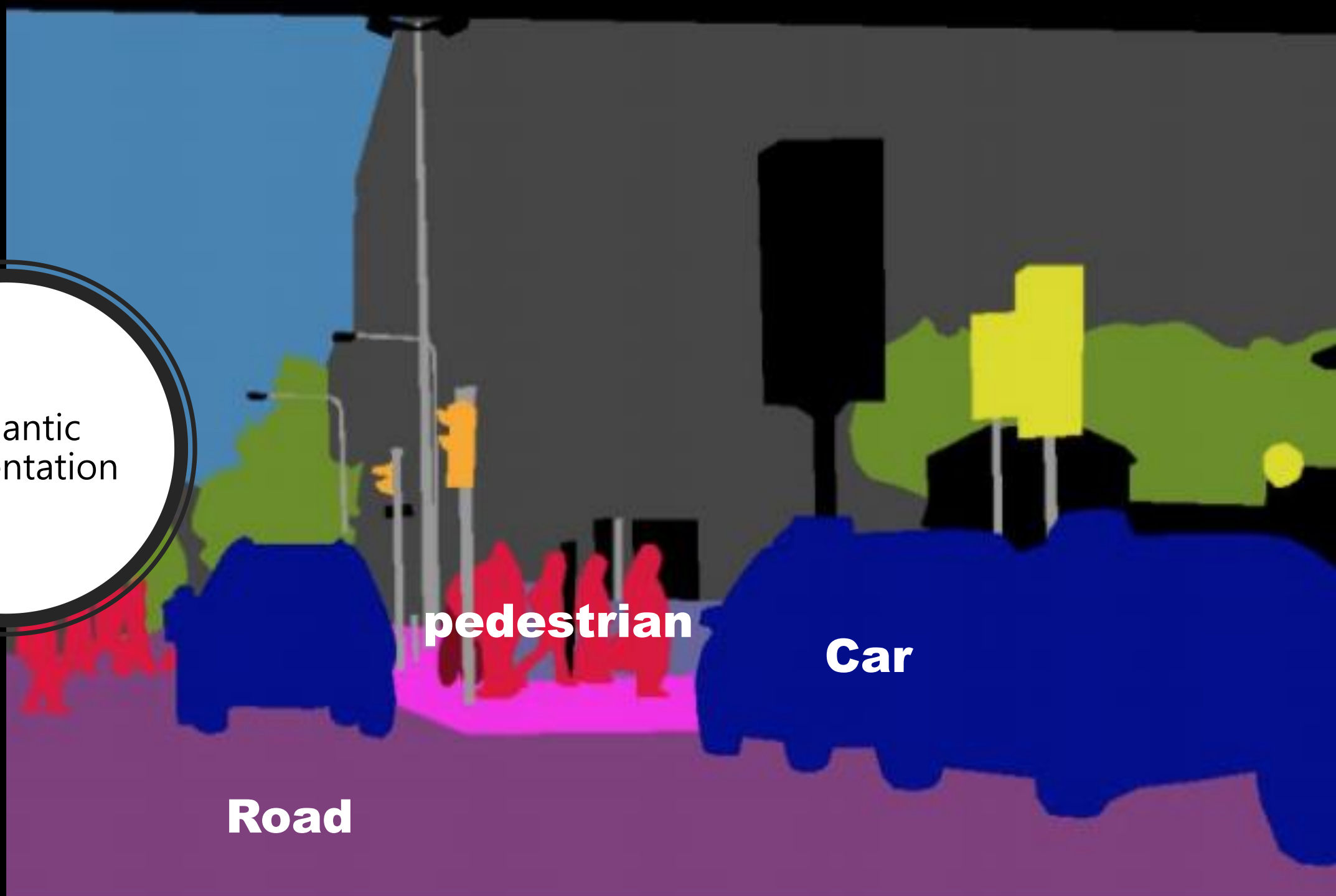
NMS

Sterero vision





Semantic segmentation



Instace segmentation

Thank you


STOP
+0.0000 AUTO_HIGH_BEAM
+0.0000 RUMBLED
+0.0000 RAINING
+0.0000 TIRE_SPRAY
+0.0005 WET_ROAD
0.3192 CONTROLLED_ACCESS
MAIN