

目标检测（物体检测）

Object Detection

目标检测 (Object Detection) = What, and Where

定位

Localization

Where?

位置 (最小外接矩形, Bounding box)

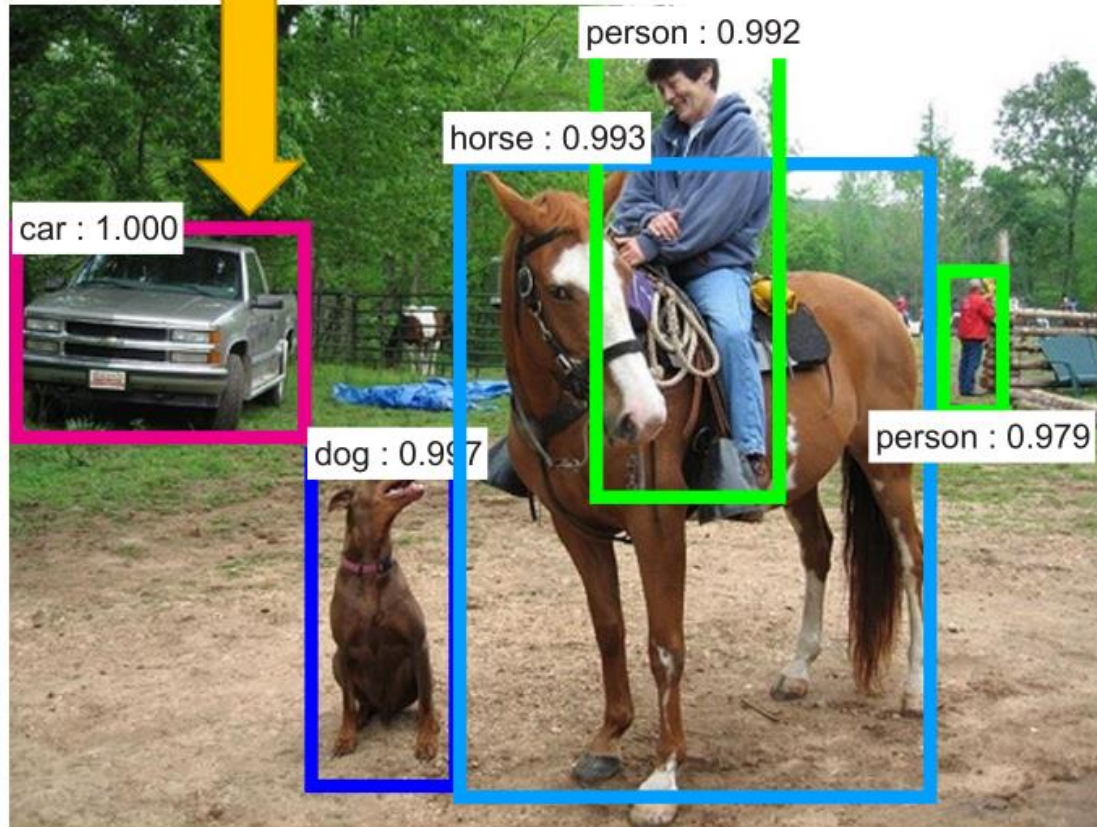
识别

Recognition

What?

类别标签 (Category label)

置信度得分 (Confidence score)



Classification

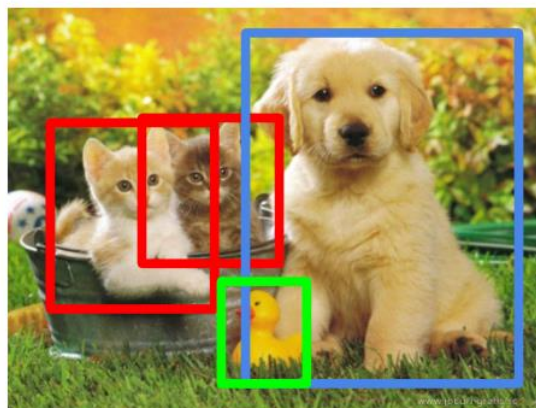


CAT

Classification
+ Localization

CAT

Object Detection



CAT, DOG, DUCK

Instance
Segmentation

CAT, DOG, DUCK

Single object

Multiple objects

定位和检测：

- 定位是找到检测图像中带有给定标签的单个目标
- 检测是找到图像中带有给定标签的所有目标