



## Object Detection

- ✓ **Video:** Object Detection and Sliding Windows  
5 min
- ✓ **Reading:** References: Amazon Rekognition, PowerAI & DIGITS  
10 min
- ✓ **Video:** R-CNN  
3 min
- ✓ **Video:** Fast R-CNN  
3 min
- ✓ **Video:** Faster R-CNN  
1 min
- ✓ **Reading:** Reference: R-CNN, Fast R-CNN  
10 min

## Object Detection in TensorFlow

### Object Detection APIs

### Retraining with the Object Detection API

### Week 2 Quiz: Object Detection

### Assignment: Zombie Detector



# Reference: R-CNN, Fast R-CNN

- (R-CNN) Rich feature hierarchies for accurate object detection and semantic segmentation (Girshick, Donahue, Darrell & Malik, 2013)
- Fast R-CNN (Girshick, 2015)

✓ Complete

Go to next item

