



## Object Detection

### Object Detection in TensorFlow

### Object Detection APIs

### Retraining with the Object Detection API



**Video:** Loading a RetinaNet Model  
5 min



**Reading:** Reference: RetinaNet, Model Garden  
10 min



**Video:** Loading Weights  
4 min



**Video:** Data Prep and Training Overview  
3 min



**Video:** Custom Training Loop Code  
4 min



**Reading:** Eager Few Shot Object Detection  
30 min

### Week 2 Quiz: Object Detection

### Assignment: Zombie Detector



# Eager Few Shot Object Detection

Please go through this [official tutorial](#) to practice using the Object Detection API and training a pre-trained model. This will be very similar to this week's programming assignment.

✓ Complete

Go to next item

