

Get started with object detection

Let's do a quick test! You must answer at least 3 questions correctly to pass this quiz.

[Return to pathway](https://developers.google.com/learn/pathways/get-started-object-detection?hl=en#) (https://developers.google.com/learn/pathways/get-started-object-detection?hl=en#c

1. The advanced computer-vision task that tells you where the objects are within the image by returning a mask that tells you which pixel belongs to which object is known as ____.

☐ Object detection

☐ Item detection

☐ Image classification

☒ Image segmentation

✓ Image segmentation, similar to object detection, also tells you where the objects are in the image. However, instead of returning the bounding boxes, it returns a mask that tells you which pixel belongs to which object.

2. To train your own model, you need to complete the following tasks. Match the task with the correct order for completion.

Each answer only matches one item.

use TensorFlow Lite Model Maker to train a custom object-detection model

Second ▼

✓ Correct!

collect and label your training dataset

First ▼

✓ Correct!

deploy the custom model to your mobile app using TensorFlow Lite Task Library

Third ▼

✓ Correct!

3. True or false? One drawback of object detection is that it can only detect one object.

☐ True

☒ False ✓ If multiple objects are expected within an image, you can enable the multiple-objects option when specifying options for an ObjectDetection client.

4. Match the following ML Kit ObjectDetector's builder settings with their options.

Each answer only matches one item.

Single image or stream

Detector mode ▼

✓ Correct!

Single or multiple object detection

Detection mode ▼

✓ Correct!

Classification mode—on or off

Classification mode ▼

✓ Correct!

Results

You scored **4 out of 4**. Congratulations! You have passed this quiz.

[Return to pathway](https://developers.google.com/learn/pathways/get-started-object-detection?hl=en#q) (https://developers.google.com/learn/pathways/get-started-object-detection?hl=en#q)
