Congratulations! You passed!

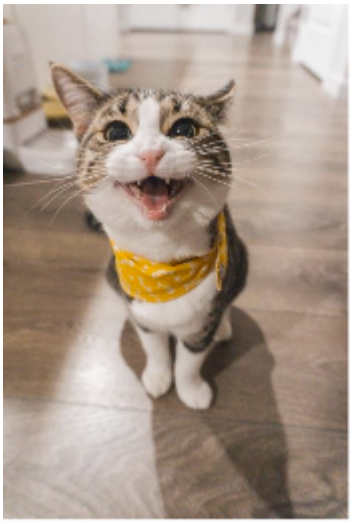
Grade received 100%

Latest Submission Grade 100%

To pass 75% or higher

Go to next item

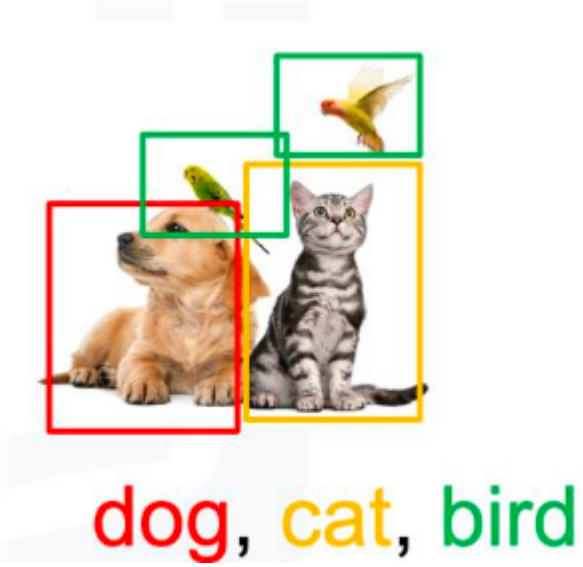
1. If we wanted to identify the cat in the image below, what kind of algorithm will we be working with? **1 / 1 point**



- (●) A classifier
- ( ) A detector
- ( ) CV studio
- ( ) A Sliding window

Correct
Correct!

2. The following image with the bounding box is an example of **1 / 1 point**



- ○ Classification
- ○ Filtering
- ○ Classification+Localization
- ◉ Object detection

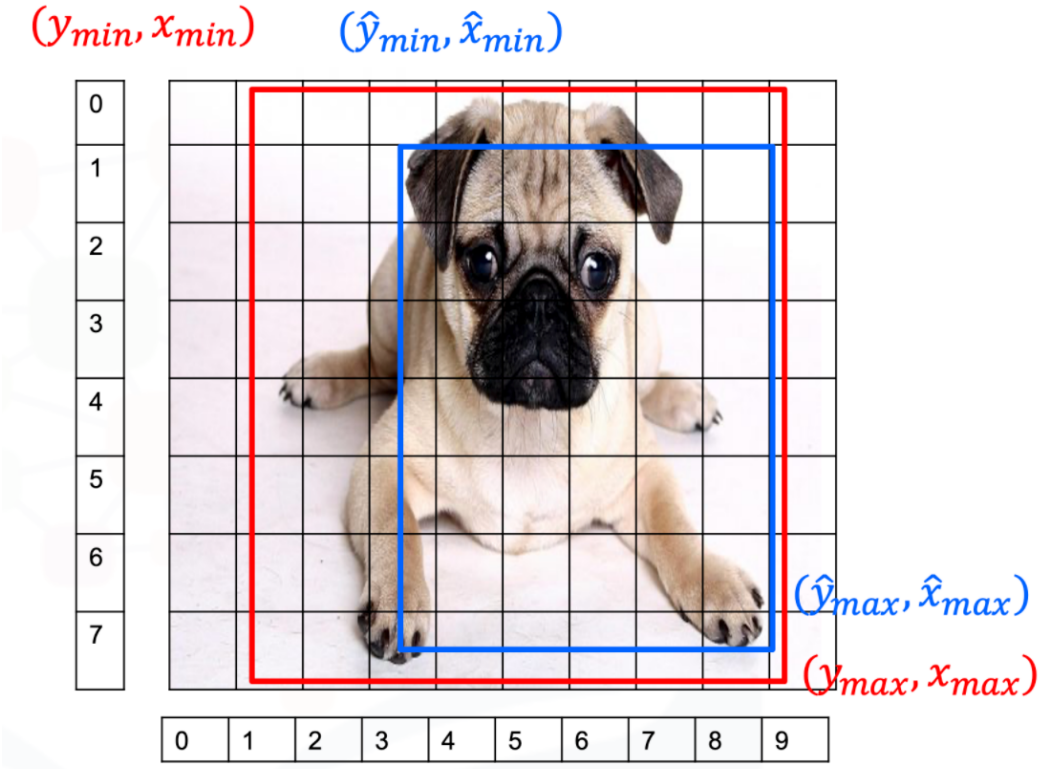
✓ **Correct**
Incorrect!

3. When we are dealing with object detection, there are many different classifiers that we can use. Which of the following classifiers is trained on a large number of images that include the object we are trying to detect as well as images that do not contain the object we are trying to detect? **1 / 1 point**

- ◉ Cascade Classifiers
- ○ Sliding window Classifiers
- ○ Viola Classifiers
- ○ Integral classifiers

✓ **Correct**
Correct!

4. Consider the actual bounding box in red and the predicted bounding box in blue. What loss would you use to determine the performance of your model's output? **1 / 1 point**

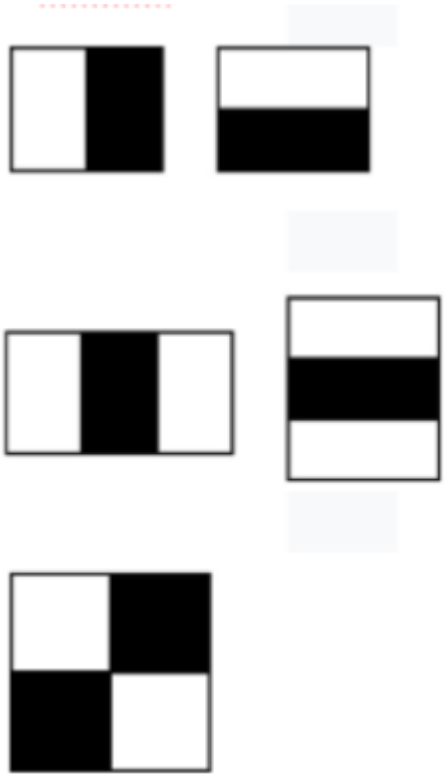


- (●) Squared loss
- ( ) Classification loss
- ( ) Cross-entropy loss

- ( ) It saves it for a different algorithm

✓ **Correct**
Correct!

5. What are the following features called? **1 / 1 point**



- ○ Line Features
- ◉ Haar-like features
- ○ Edge features
- ○ Four-rectangle features

✓ **Correct**
Correct!