Course › OpenCV Course Co... › TensorFlow Object ... › Quiz

Quiz
Question 1

1/1 point (graded)
What is a TensorFlow model?

○ A dataset used for training machine learning models.

○ A set of rules that a machine learning model uses to make predictions.

○ A software library for developing and training machine learning models.

◉ A machine learning model that has been trained on a specific task. ✔
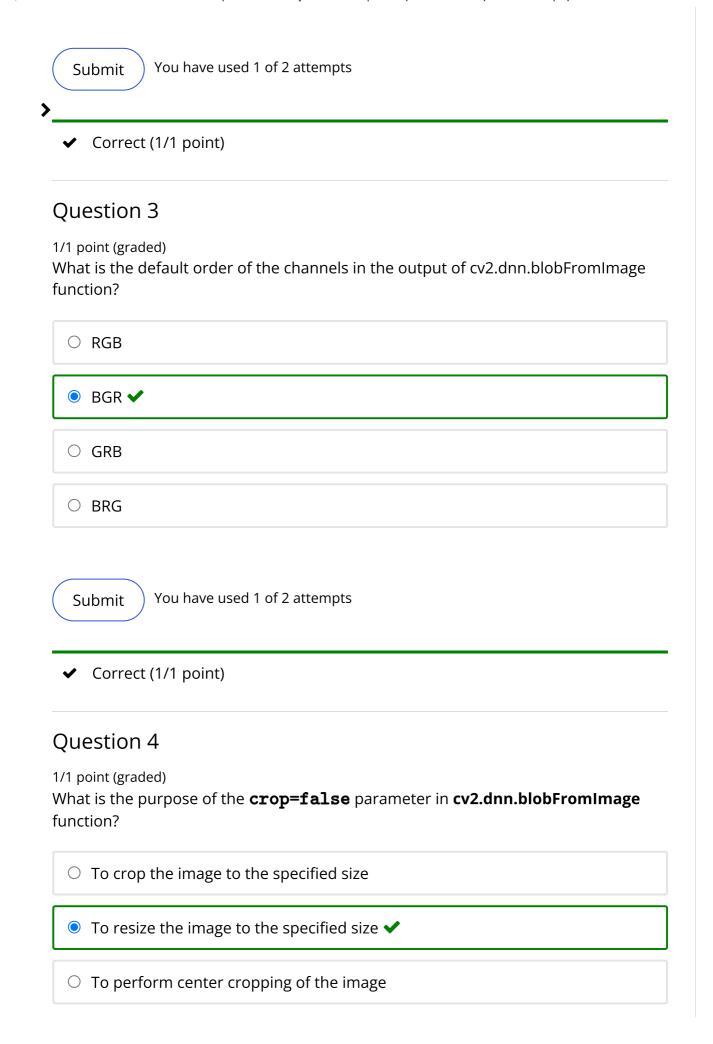
Submit   You have used 1 of 2 attempts

✔ Correct (1/1 point)

Question 2

1/1 point (graded)
The benefits of using TensorFlow is/are:

○ Scalability and performance

○ Flexibility and ease of use

○ Wide range of supported platforms and languages

◉ All of the above ✔

(Submit)   You have used 1 of 2 attempts

›

✔   Correct (1/1 point)

Question 3

1/1 point (graded)
What is the default order of the channels in the output of cv2.dnn.blobFromImage function?

○ RGB

◉ BGR ✔

○ GRB

○ BRG

(Submit)   You have used 1 of 2 attempts

✔   Correct (1/1 point)

Question 4

1/1 point (graded)
What is the purpose of the **`crop=false`** parameter in **cv2.dnn.blobFromImage** function?

○ To crop the image to the specified size

◉ To resize the image to the specified size ✔

○ To perform center cropping of the image

○   To perform random cropping of the image

❯ (Submit)   You have used 1 of 2 attempts

✔ Correct (1/1 point)

Question 5

1/1 point (graded)
How does the Meanshift algorithm work in object tracking?

○   It uses machine learning to detect objects in a video sequence

⦿   It uses a histogram-based approach to track the object's position in each
frame of the video sequence ✔

○   It uses a pre-trained neural network to track the object in the video sequence

○   It detects the object in the first frame of the video sequence and then tracks it
in subsequent frames

(Submit)   You have used 2 of 2 attempts

✔ Correct (1/1 point)

Discussion   Show Discussion

Topic: Course Content / TensorFlow Object Detection-Quiz

About   Privacy Policy   Terms of Service   Contact Us   FAQ