Congratulations! You passed!

Grade received 100%

Latest Submission Grade 100%

To pass 80% or higher

Go to next item

1. To what file do you add the tensorflow lite dependency when building an Android app? **1 / 1 point**

- gradle.build
- (●) build.gradle
- build.aar
- aar.gradle

Correct

2. If the Android Neural networks API is available and you want to use it, how would you do that? **1 / 1 point**

- Do nothing, it will work automatically
- You can't use the neural networks API with a TensorFlow Lite model
- (●) Call the setUseNNAPI method on the interpreter and set its parameter to true
- Invoke the NNAPI object, and pass the tflite interpreter to it

Correct

3. If you want to configure the number of threads the interpreter uses, how would you do that? **1 / 1 point**

- Do nothing, it's always single threaded
- Do nothing, it automatically picks the appropriate number of threads
- Call the useThreads() method, and it will apportion the correct number of threads
- (●) Call setNumThreads and pass it the number of threads you want to use

Correct

4. Where's the best place in an Android app to keep your model? **1 / 1 point**

- You don't keep your model in your android App, it should download it at runtime
- (●) It can really be anywhere, but for consistency use the assets folder
- In the resources folder
- In the same folder as the activity that calls it

Correct

5. If you tested your converted model and know its valid, but the interpreter cannot load it at runtime on Android, what's the most likely reason? **1 / 1 point**

- (●) You didn't specify that the model should not be compressed in the build.gradle file
- You have't converted the model to Java or Kotlin format
- You haven't quantized your model
- You converted your model to iOS format by accident

Correct

6. What is the method signature of the interpreter when you want to do inference? **1 / 1 point**

- (●) interpreter.run(inputs, predictions)
- predicitons = interpreter.predict(inputs)
- interpreter.predict(inputs, predictions)
- predictions = interpreter.run(inputs)

Correct

7. What Android data structure is most commonly used to feed image input to the interpreter? **1 / 1 point**

- A TensorArray
- An Array
- A Tensor
- A ByteBuffer

Correct

8. How many classes of object can a model trained on the COCO dataset recognize? **1 / 1 point**

- 80
- 1000
- 800
- 10

Correct

9. When performing object recognition, how many dimensions of output tensors are there? **1 / 1 point**

- 1
- 10
- 80
- 4

Correct

10. How do you get the coordinates of the bounding boxes from the object detection model? **1 / 1 point**

- The coordinates are in the first tensor, read them and simply plot
- The coordinates are in the first tensor, but arranged differently, you have to sort them before you can plot them
- The coordinates are in the first four tensors, read them and simply plot
- The coordinates are in tensors 0, 1, 2 and 3

Correct