Congratulations! You passed!

Grade received 100% **Latest Submission Grade** 100% **To pass** 80% or higher

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

- aar.gradle
- build.aar
- (•) build.gradle
- gradle.build

Correct

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

- 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
- Do nothing, it will work automatically

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 same folder as the activity that calls it
- In the resources folder

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

Correct

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

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

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 ByteBuffer
- A Tensor

Correct

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

- 10
- (●) 80
- 1000
- 800

Correct

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

- 10
- 80
- (●) 4
- 1

Correct

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

- The coordinates are in tensors 0, 1, 2 and 3
- The coordinates are in the first tensor, read them and simply plot
- The coordinates are in the first four tensors, 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

Correct