

✔ **Congratulations! You passed!**

Go to next item

Grade received **86%** Latest Submission Grade 86% To pass 80% or higher

1. What platforms are supported by TensorFlow Lite (Check all that apply)

1 / 1 point

- ☐ Windows Phone
- ☒ Some Microcontrollers

✔ **Correct**

- ☒ Android

✔ **Correct**

- ☒ iOS

✔ **Correct**

- ☒ Raspberry Pi

✔ **Correct**

2. What is Quantization?

0 / 1 point

- ☐ A technique that reduces precision and model size to work better on mobile
- ☒ A technique to ensure compatibility across all supported platforms
- ☐ A technique that increases precision to ensure your model works better on mobile
- ☐ A technique to optimize the size of a model for the memory map of a mobile device

✘ **Incorrect**

3. The TFLite file format is an example of what?

1 / 1 point

- ☒ A flatbuffer
- ☐ A checkpoint
- ☐ A concrete function
- ☐ A savedmodel

✔ **Correct**

4. Which types of input does the TF Lite Convertor API Accept (Check all that apply)

0.6 / 1 point

- ☒ A Keras HDF5 file

✔ **Correct**

- ☐ A set of concrete functions
- ☒ A model object

✘ **This should not be selected**

- ☐ A list of checkpoints
- ☒ A SavedModel

✔ **Correct**

5. True or False: The SavedModel format supports model Versioning

1 / 1 point

- ☒ True
- ☐ False

✔ Correct

6. If I want to save an existing Keras model, what’s the API signature:

1 / 1 point

- ☐ tf.save(model, path)
- ☒ tf.saved_model.save(model, path)
- ☐ tf.saved_model.path=path
- ☐ Tf.model.save(path)

✔ Correct

7. If I want to use the TensorFlow Lite Convertor to convert a saved model to TF Lite, what’s the API signature?

1 / 1 point

- ☒ converter = tf.lite.TFLiteConverter.from_saved_model(path)
newModel = converter.convert()
- ☐ newModel = tf.lite.TFLiteConverter.convert(model_path)
- ☐ newModel = tf.lite.TFLiteConverter.fromModel(myModel).convert()
- ☐ converter = tf.lite.TFLiteConverter.convert()
newModel = converter.Convert(model_path)

✔ Correct

8. If I have a keras model and want to convert it, what’s the method signature on TFLiteConverter

1 / 1 point

- ☐ convert(model)
- ☐ convert_keras_model(model)
- ☐ from_keras(model)
- ☒ from_keras_model(model)

✔ Correct

9. If I want to convert using a command line tool, what’s the name of the tool?

1 / 1 point

- ☒ tflite_convert
- ☐ tf_convert_lite
- ☐ tfliteconvert
- ☐ Tflite_to_model

✔ Correct

10. If I want to do post training quantization, what are the optimization options available (check all that apply)

1 / 1 point

- ☐ OPTIMIZE_FOR_PERFORMANCE
- ☐ OPTIMIZE_FOR_ANDROID
- ☒ OPTIMIZE_FOR_SIZE

✔ Correct

- ☐ OPTIMIZE_FOR_IOS

☒ OPTIMIZE_FOR_LATENCY

 **Correct**