

✓ Congratulations! You passed!

Grade
received **100%**

Latest Submission
Grade 100%

To pass 80% or
higher

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

1 / 1 point

☒ Raspberry Pi

✓ **Correct**

☐ Windows Phone

☒ Some Microcontrollers

✓ **Correct**

✓ **Correct**

✓ **Correct**

✓ **Correct**

✓ **Correct**



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2. What is Quantization?

1 / 1 point

☐ 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

☒ A technique that reduces precision and model size to work better on mobile

☐ A technique to ensure compatibility across all supported platforms

✓ **Correct**



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TF Lite file format is an example of what?

☐ .checkpoint

☐ .savedmodel

☐ concrete function

☐ flatbuffer

✓ **Correct**

1 / 1 point

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

1 / 1 point

☒ A set of concrete functions

✓ **Correct**

☒ A Keras HDF5 file

✓ **Correct**

☐ A list of checkpoints

☐ SavedModel

✓ **Correct**

☐ model object

True or False: The SavedModel format supports model Versioning

☒ True

☐ False

1 / 1 point



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✓ Correct

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

1 / 1 point

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



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✓ Correct

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

1 / 1 point

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

✓ Correct

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

1 / 1 point

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



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✓ Correct

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

1 / 1 point

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

✓ 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_IOS
- ☒ OPTIMIZE_FOR_SIZE



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✓ Correct

OPTIMIZE_FOR_LATENCY

✓ Correct

OPTIMIZE_FOR_ANDROID