

```

INFO:tensorflow:{ 'Loss/classification_loss': 0.13069677,
'loss/localization_loss': 0.06706588,
'loss/regularization_loss': 0.14483532,
'loss/total_loss': 0.34259796,
'learning_rate': 0.073937014}
I0730 23:55:01.073674 136147738234880 model_lib_v2.py:708] {'Loss/classification_
'loss/localization_loss': 0.06706588,
'loss/regularization_loss': 0.14483532,
'loss/total_loss': 0.34259796,
'learning_rate': 0.073937014}
INFO:tensorflow:Step 9800 per-step time 1.183s
I0730 23:56:59.345721 136147738234880 model_lib_v2.py:705] Step 9800 per-step tin
INFO:tensorflow:{ 'Loss/classification_loss': 0.098299846,
'loss/localization_loss': 0.042966988,
'loss/regularization_loss': 0.14467894,
'loss/total_loss': 0.28594577,
'learning_rate': 0.07380057}
I0730 23:56:59.346179 136147738234880 model_lib_v2.py:708] {'Loss/classification_
'loss/localization_loss': 0.042966988,
'loss/regularization_loss': 0.14467894,
'loss/total_loss': 0.28594577,
'learning_rate': 0.07380057}
INFO:tensorflow:Step 9900 per-step time 1.182s
I0730 23:58:57.513899 136147738234880 model_lib_v2.py:705] Step 9900 per-step tin
INFO:tensorflow:{ 'Loss/classification_loss': 0.20833357,
'loss/localization_loss': 0.1228194,
'loss/regularization_loss': 0.14446248,
'loss/total_loss': 0.47561544,
'learning_rate': 0.073662736}
I0730 23:58:57.514365 136147738234880 model_lib_v2.py:708] {'Loss/classification_
'loss/localization_loss': 0.1228194,
'loss/regularization_loss': 0.14446248,
'loss/total_loss': 0.47561544,
'learning_rate': 0.073662736}
INFO:tensorflow:Step 10000 per-step time 1.071s
I0731 00:00:44.617192 136147738234880 model_lib_v2.py:705] Step 10000 per-step ti
INFO:tensorflow:{ 'Loss/classification_loss': 0.21222977,
'loss/localization_loss': 0.13380393,
'loss/regularization_loss': 0.14440468,
'loss/total_loss': 0.49043837,
'learning_rate': 0.07352352}
I0731 00:00:44.617623 136147738234880 model_lib_v2.py:708] {'Loss/classification_
'loss/localization_loss': 0.13380393,
'loss/regularization_loss': 0.14440468,
'loss/total_loss': 0.49043837,
'learning_rate': 0.07352352}

```

✓ Convert Model to TensorFlow Lite

Alright! Our model is all trained up and ready to be used for detecting objects. First, we need to export the model graph (a file that contains information about the architecture and weights) to a TensorFlow Lite-compatible format. We'll do this using the `export_tflite_graph_tf2.py` script.

```
# Make a directory to store the trained TFLite model
```