

1. Collect Data, Hundreds of Images of desired objects to detect.
2. Use Roboflow to annotate and label.
3. Export Roboflow code.
4. Implement in Google Colab with the training code file.
5. Train necessary YOLO Model, “s,n,x,l”.
6. Convert “.pt” file to “.tflite” file.
7. Open TFLite Android studio folder.
8. Copy/Paste tflite model in Assets folder. Android > App > Src > Main > Assets
9. In “customclasses” type classes that are used in your model.
10. Go to DetectorFactory.java file,  
Android > App > Src > Main > Java > Org > Tensorflow > Lite > Examples > Detection  
> Tflite  
and in the code make sure the second loop, “else if”, has the correct name as your tflite  
file that was copied in the Assets folder. Then make sure the other loop statements have  
the correct model type in the file name, “s, n, x, l”.
11. Run in Android Studio.