```
!cp /content/images/test/* /content/mAP/input/images-optional # Copy images and xml fil
!mv /content/mAP/input/images-optional/*.xml /content/mAP/input/ground-truth/  # Move x
```

```
!python /content/mAP/scripts/extra/convert_gt_xml.py
```

```
Conversion completed!
```

```
# Set up variables for running inference, this time to get detection results saved as .t
PATH_TO_IMAGES='/content/images/test'   # Path to test images folder
PATH_TO_MODEL='/content/custom_model_lite/detect.tflite'   # Path to .tflite model file
PATH_TO_LABELS='/content/labelmap.txt'   # Path to labelmap.txt file
PATH_TO_RESULTS='/content/mAP/input/detection-results' # Folder to save detection results
min_conf_threshold=0.1   # Confidence threshold

# Use all the images in the test folder
image_list = glob.glob(PATH_TO_IMAGES + '/*.jpg') + glob.glob(PATH_TO_IMAGES + '/*.JPG')
images_to_test = min(500, len(image_list)) # If there are more than 500 images in the fo

# Tell function to just save results and not display images
txt_only = True

# Run inferencing function!
print('Starting inference on %d images...' % images_to_test)
tflite_detect_fire(PATH_TO_MODEL, PATH_TO_IMAGES, PATH_TO_LABELS, min_conf_threshold, im
print('Finished inferencing!')
```

```
%cd /content/mAP
!python calculate_map_cartucho.py --labels=/content/labelmap.txt
```

Deploy TensorFlow Lite Model

Download TFLite model

```
# Move labelmap and pipeline config files into TFLite model folder and zip it up
!cp /content/labelmap.txt /content/custom_model_lite
!cp /content/labelmap.pbtxt /content/custom_model_lite
!cp /content/models/mymodel/pipeline_file.config /content/custom_model_lite

%cd /content
!zip -r custom_model_lite.zip custom_model_lite
```

```
from google.colab import files

files.download('/content/custom_model_lite.zip')
```