# Spritle AI/ ML Task

I took two tensorflow hub models that were trained on same dataset(COCO), and then the output of these models were stacked with a numpy and dictionary comprehension method. So that we have all the outputs at one dictionary.

This dictionary will now be passed to nms layer where we are filtering out the boxes which have IOU over 90%.

Then another processing takes place to make a dictionary out of these NMS layer to give us detected\_boxes, detected\_scores, detected\_classes with it.

Then visualizing these final combined and filtered detection on the image.