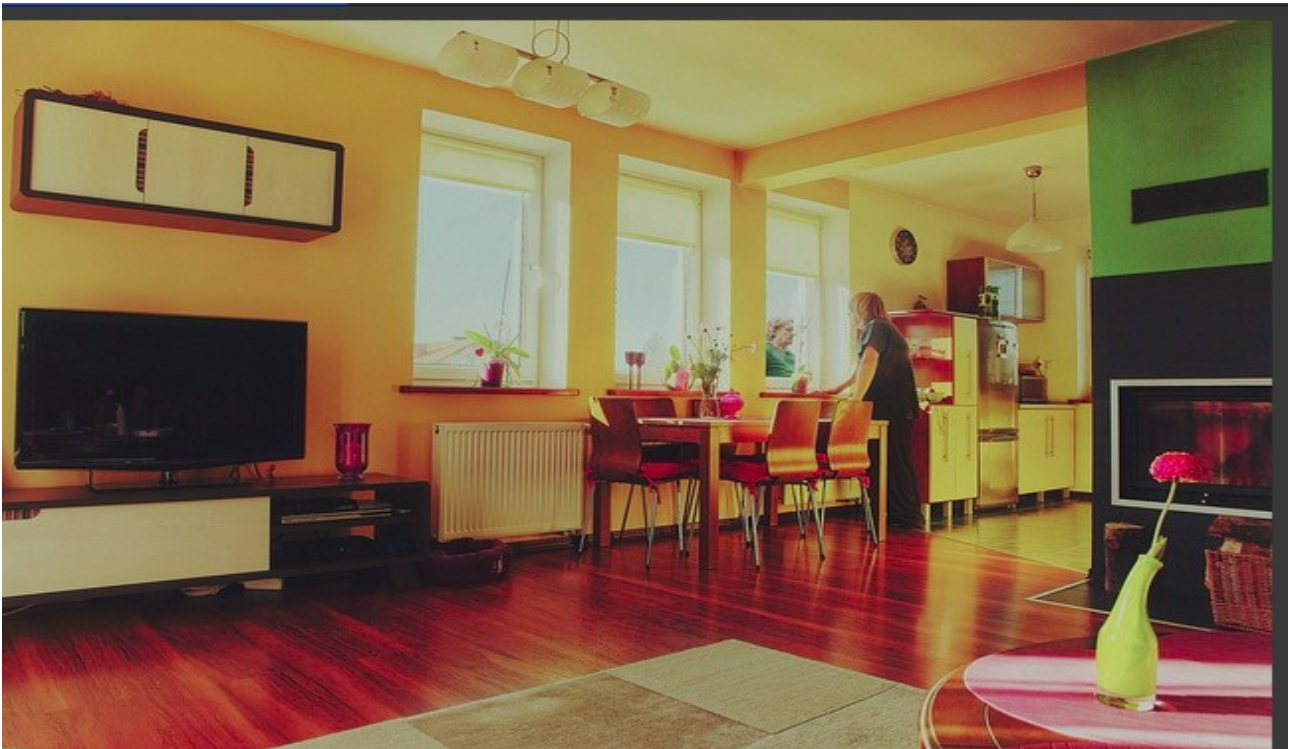


Panneerselvam N
(July 31.2021)

Today i had trained pp yolo v2 model upto 295 epochs. The loss is fluctuating between 42 to 60. And also tried to detect objects training dataset , model detect nothing when even in threshold 0.1. So tried with test dataset. The following image shows evaluation result.

```
Accumulating evaluation results...
DONE (t=0.26s).
Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.000
Average Precision (AP) @[ IoU=0.50 | area= all | maxDets=100 ] = 0.000
Average Precision (AP) @[ IoU=0.75 | area= all | maxDets=100 ] = 0.000
Average Precision (AP) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.000
Average Precision (AP) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.000
Average Precision (AP) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.000
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 1 ] = 0.000
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 10 ] = 0.004
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.007
Average Recall (AR) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.000
Average Recall (AR) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.005
Average Recall (AR) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.017
[07/31 15:09:53] ppdet.metrics.coco_utils INFO: Per-category of bbox AP:
+-----+-----+-----+-----+-----+-----+
| category | AP | category | AP | category | AP |
+-----+-----+-----+-----+-----+-----+
| aeroplane | 0.000 | car | 0.000 | chair | 0.000 |
| cow | 0.000 | person | 0.000 | traffic_light | nan |
+-----+-----+-----+-----+-----+-----+
[07/31 15:09:53] ppdet.metrics.coco_utils INFO: per-category PR curve has output to bbox_pr_curve folder.
[07/31 15:09:53] ppdet.engine INFO: Total sample number: 190, average FPS: 9.108523033042914
```

Threshold = 0.1



Threshold = 0.01

