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Today i had trained pp yolo model upto 1797 epochs with kaggle. The minimum loss is 19. And also created Test dataset for evalvation.

Evaluating Result : (Training Data)

```
Accumulating evaluation results...
DONE (t=1.21s).
 Average Precision  (AP) @[ IoU=0.50:0.95 | area=   all | maxDets=100 ] = 0.442
 Average Precision  (AP) @[ IoU=0.50      | area=   all | maxDets=100 ] = 0.744
 Average Precision  (AP) @[ IoU=0.75      | area=   all | maxDets=100 ] = 0.479
 Average Precision  (AP) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.348
 Average Precision  (AP) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.572
 Average Precision  (AP) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.572
 Average Recall     (AR) @[ IoU=0.50:0.95 | area=   all | maxDets=  1 ] = 0.171
 Average Recall     (AR) @[ IoU=0.50:0.95 | area=   all | maxDets= 10 ] = 0.470
 Average Recall     (AR) @[ IoU=0.50:0.95 | area=   all | maxDets=100 ] = 0.573
 Average Recall     (AR) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.490
 Average Recall     (AR) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.691
 Average Recall     (AR) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.704
[07/27 12:10:56] ppdet.engine INFO: Total sample number: 1093, averge FPS: 21.957152993433542
[07/27 12:10:56] ppdet.engine INFO: Best test bbox ap is 0.442.
[07/27 12:10:57] ppdet.utils.checkpoint INFO: Save checkpoint: output/ppyolo_r50vd_dcn_1x_coco
```

Due to network issue not able to evaluate with images , so I will do it tomorrow.

Test Data link :
https://drive.google.com/file/d/1csGX31FDPXQMq1OLhZNhEo68DmPV7e3L/view?usp=sharing

Json link :
https://drive.google.com/file/d/1hYdCeBD8syidQtHEQLUJua2CW91eRht4/view?usp=sharing

Code for downloading test data :
https://github.com/Panneer003/Aero2astro_code/blob/main/PP_Yolo_with_official/Coco_download_test_data.ipynb