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Today i had tried to fix model training problem in PP-Yolo with following methods.

## Method - 1:

Modified Super category in Json files.

```
{"categories": [{"id": 1, "name": "aeroplane", "supercategory": "vehicle"},
{"id": 2, "name": "bird", "supercategory": "animal"}, {"id": 3, "name": "boat",
"supercategory": "vehicle"}, {"id": 4, "name": "cow", "supercategory": "animal"},
{"id": 5, "name": "motorcycle", "supercategory": "vehicle"}, {"id": 6, "name":
"umbrella", "supercategory": "accessory"}], "annotations": [{"area": 44719.9584,
```

## **Method -2 : (Verifying Json file)**

I had verified my json files with online coco convertion tool roboflow. I had taken three images from my annotation(Yolo) and converted with roboflow to coco format and verified with previous json file. Almost bbox coordinates are same.

Tried with modified json, but no improvements happen.

## Method -3:

Changed datasets to verify whether configurations are correct or not. But in new dataset also fluctuation of loss happened in between 65 to 80. So , json format of ours is correct. I think we need to increase epochs, that's only gives good result.

Dataset link: <a href="https://public.roboflow.com/object-detection/chess-full">https://public.roboflow.com/object-detection/chess-full</a>