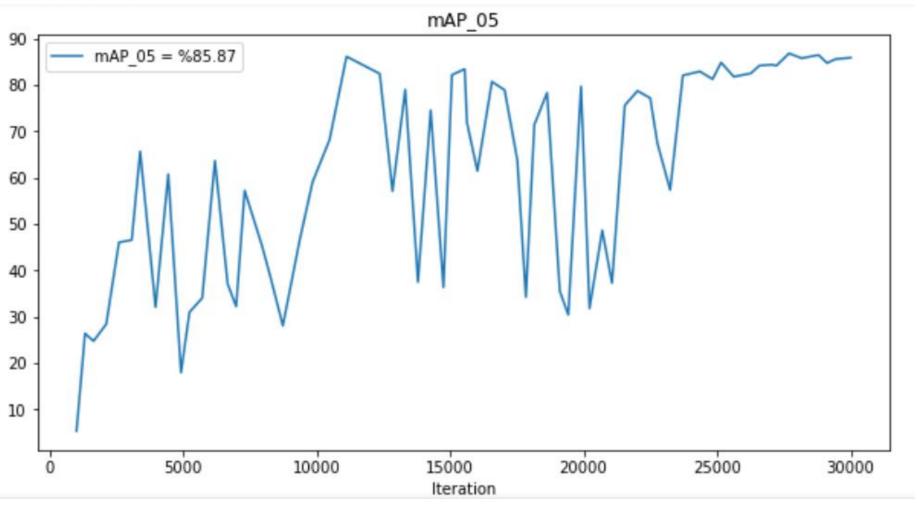
YOLOv4 Case Study C6-D100 Raporu

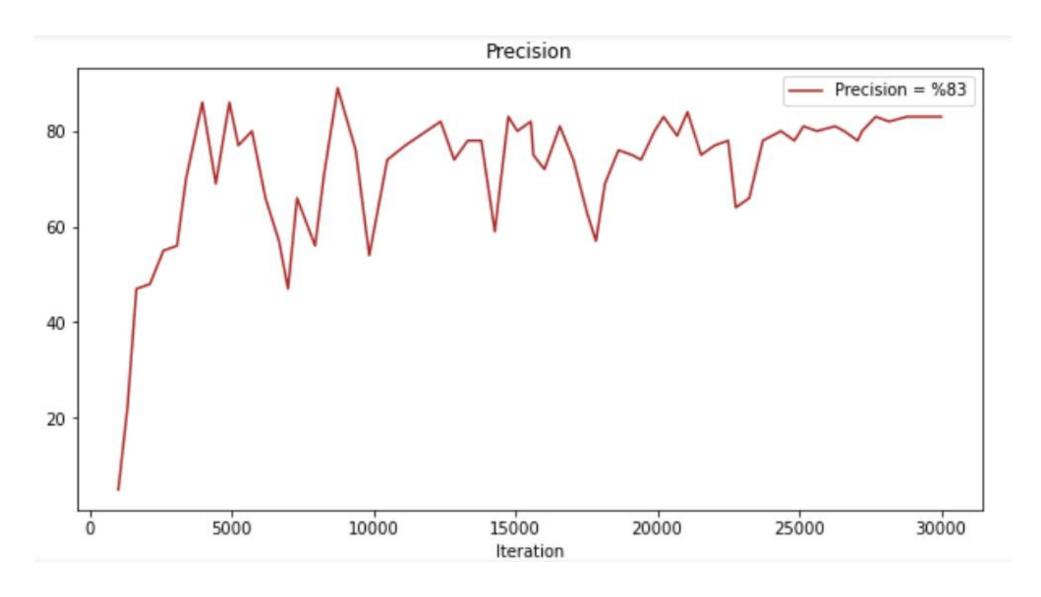
Burak Maden

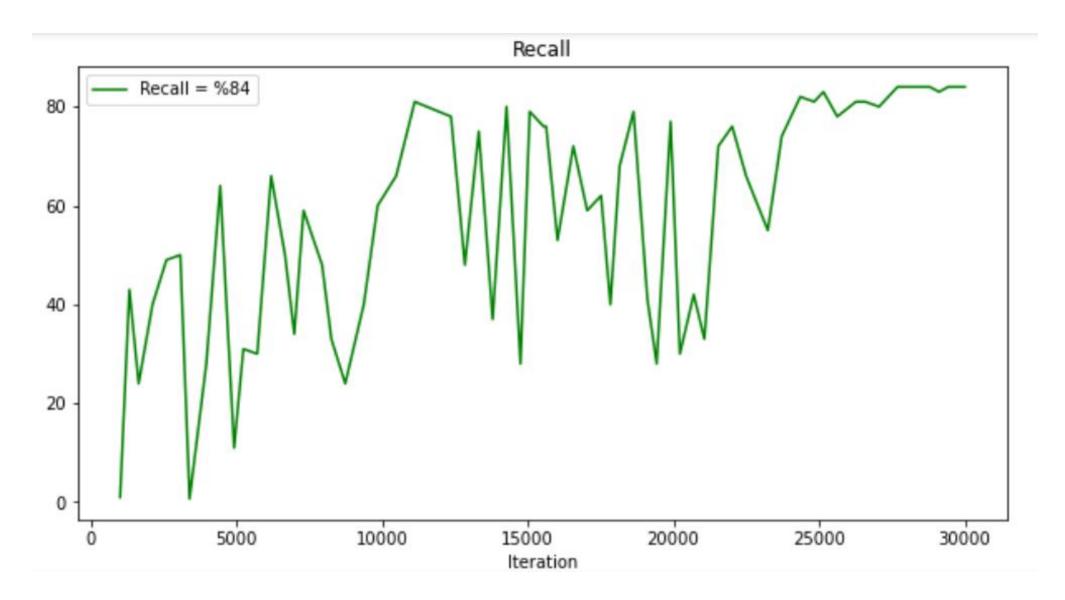
Eğitim Metrikleri



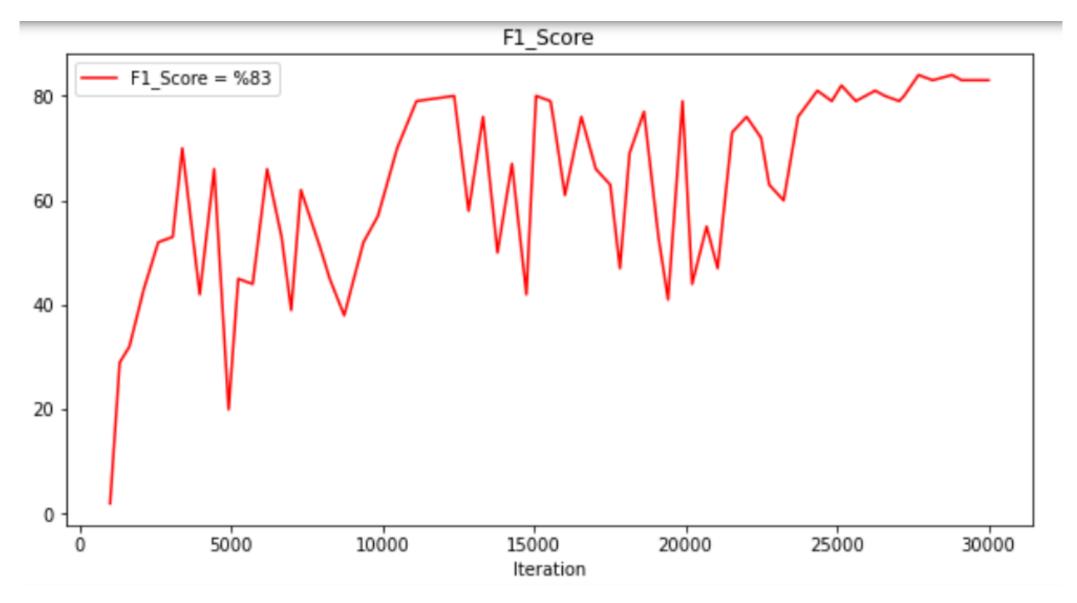


Precision

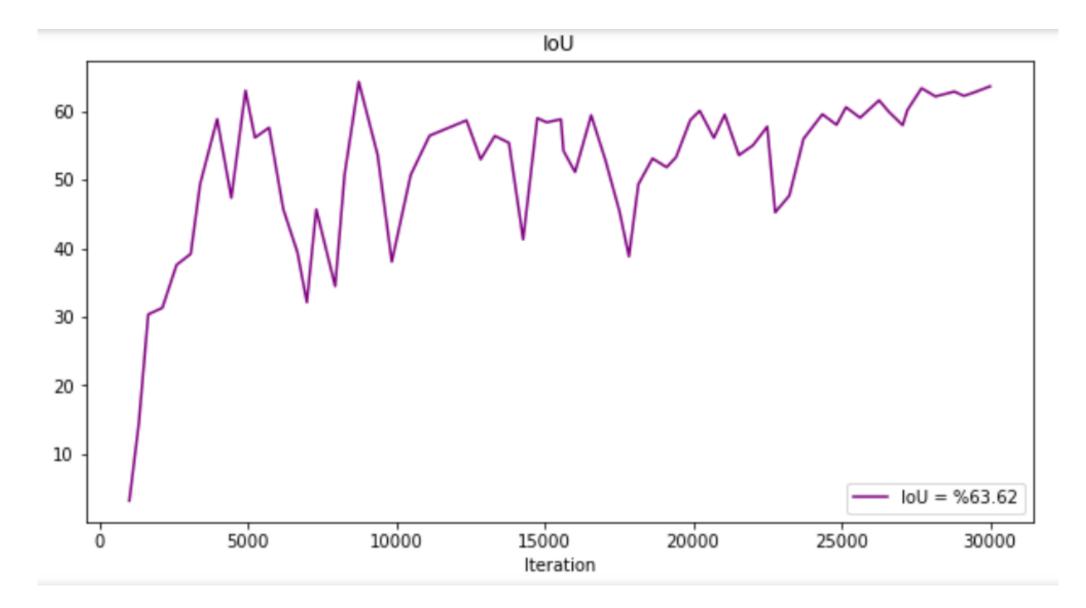


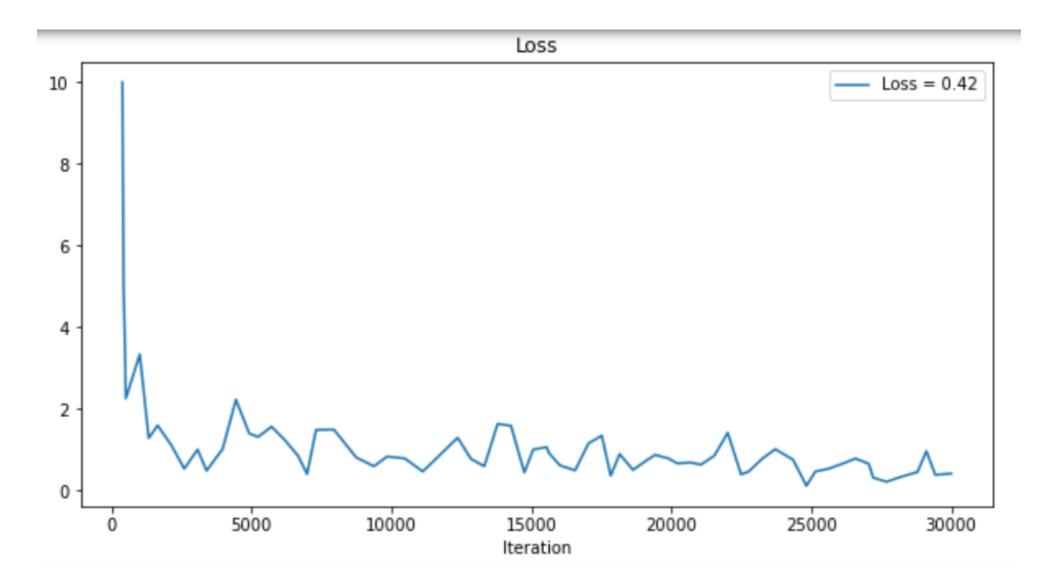






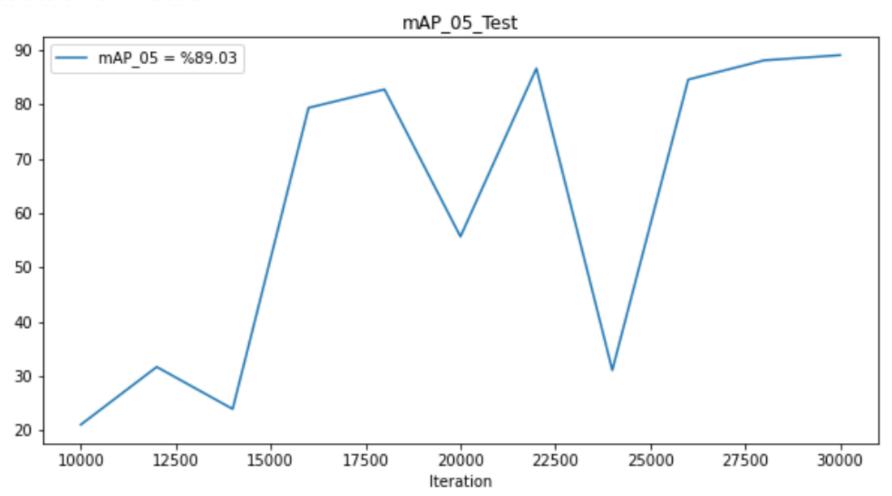




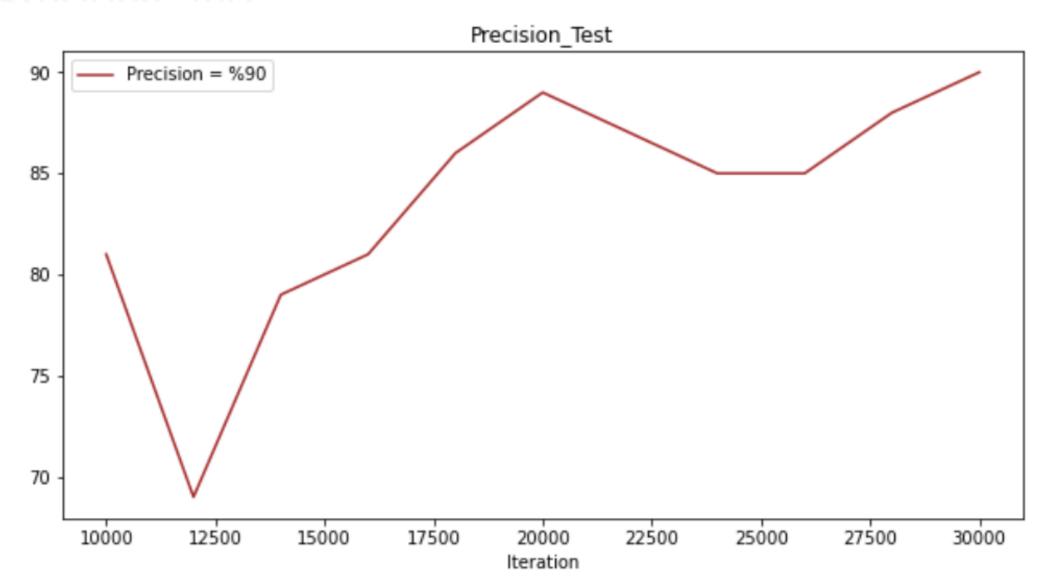


Test Metrikleri

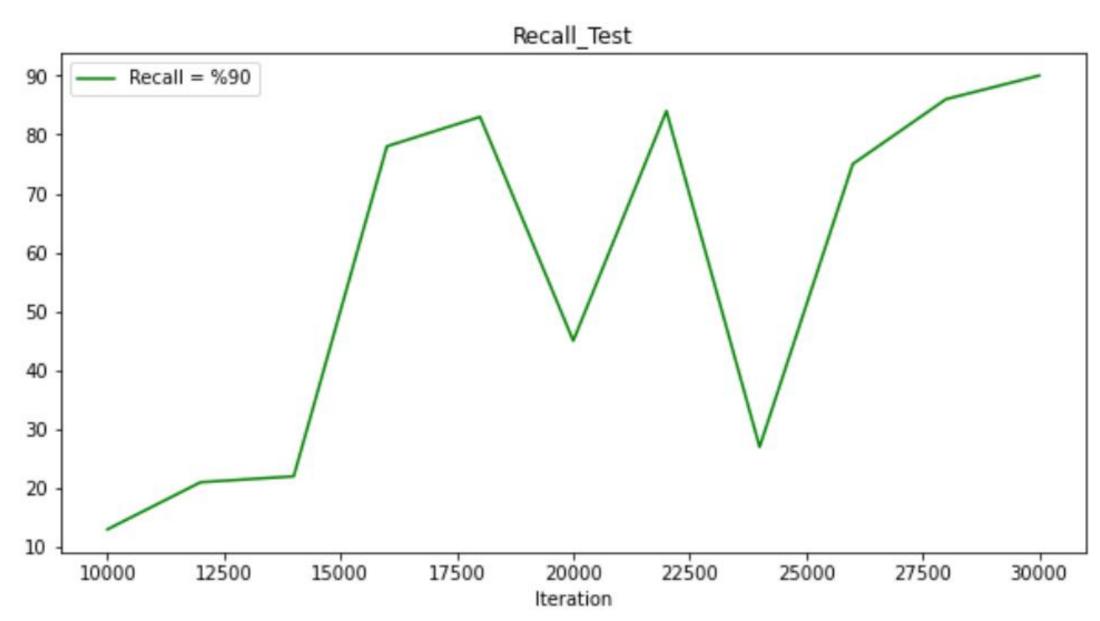
Map@0.5_Test



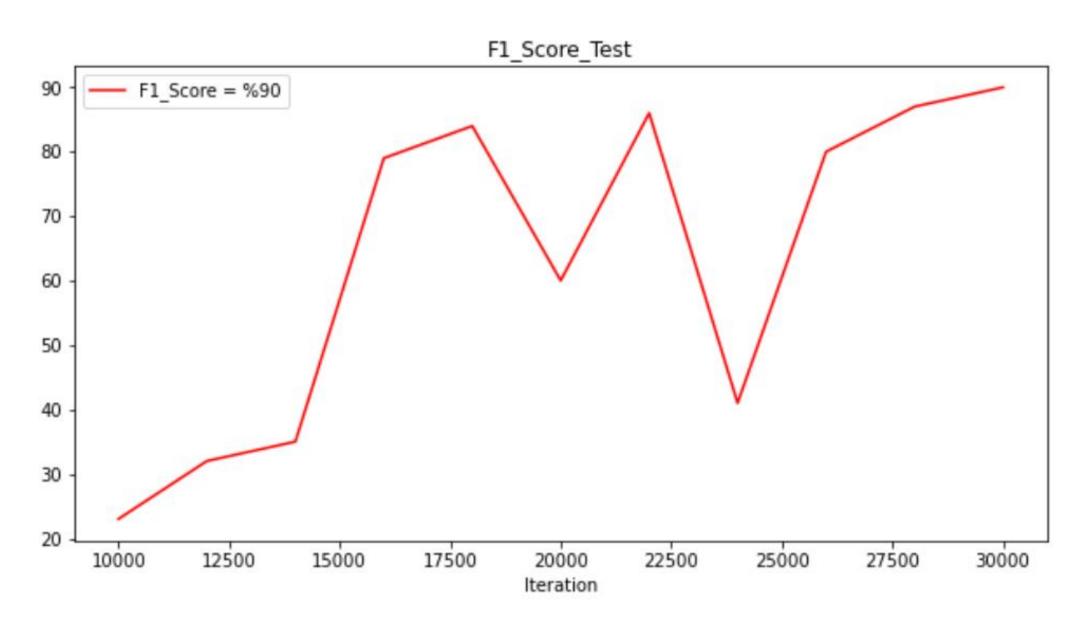
Precision_Test



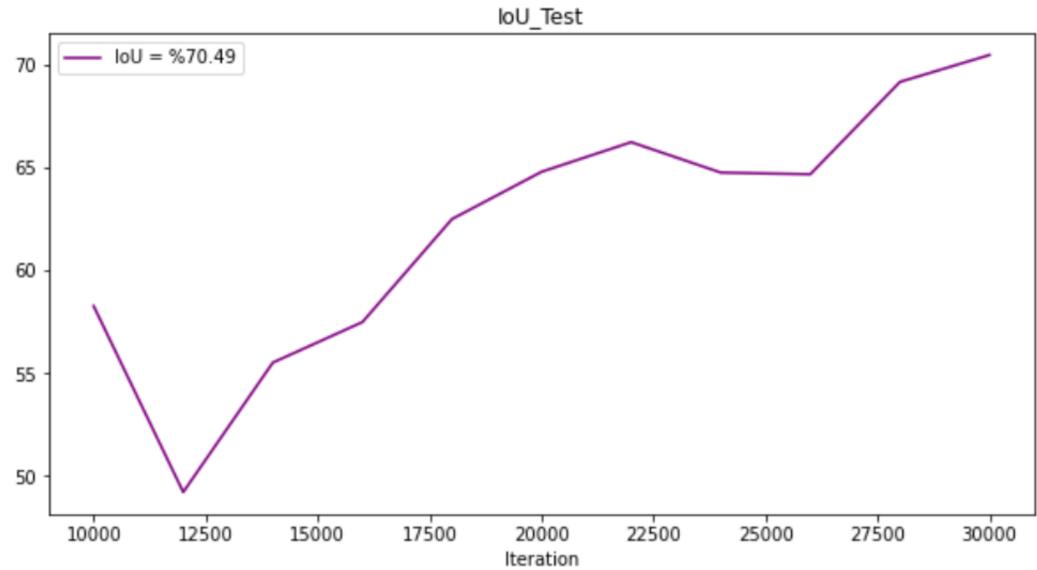












Best Ağırlık Sonucu

```
Loading weights from /content/drive/MyDrive/darknet/backup/custom-yolov4-detector_best.weights...
 seen 64, trained: 358 K-images (5 Kilo-batches 64)
Done! Loaded 162 layers from weights-file
 calculation mAP (mean average precision)...
1188
 detections count = 2685, unique truth count = 1462
class id = 0, name = atkiyi_iceri_alma, ap = 96.09% (TP = 211, FP = 16)
class_id = 1, name = kirpik, ap = 86.29% (TP = 315, FP = 64)
class_id = 2, name = optik_lekesi, ap = 73.97\% (TP = 74, FP = 19) class_id = 3, name = taraz, ap = 94.93\% (TP = 271, FP = 13)
class id = 4, name = tefe, ap = 95.88% (TP = 193, FP = 9)
class_id = 5, name = yarim_atki, ap = 90.66\% (TP = 233, FP = 30)
 for conf thresh = 0.40, precision = 0.90, recall = 0.89, F1-score = 0.89
 for conf thresh = 0.40, TP = 1297, FP = 151, FN = 165, average IoU = 70.14 %
 IoU threshold = 50 %, used Area-Under-Curve for each unique Recall
 mean average precision (mAP@0.50) = 0.896382, or 89.64 %
```

