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**YOLOV11 ASSIGNMENT** 

# ✓ YOLO11-CUSTOM-TRAINING √ dataset √ images > train > val > labels ∨ runs \ detect > predict > predict2 > predict3 → predict4 pexels-ali-pazani-3061814... > predict5 > train > train2 > val > yolo-env ! coco128.yaml setup\_dataset.py yolo11\_training.py yolo11n.pt

```
# Load the YOLO11 model (small version for fast training)
model = YOLO("yolo11n.pt")  # Change to 'yolo11m.pt' if you want a bigger
model
# Train the model
results = model.train(
    data="D:/YOLO11-Custom-Training/coco128.yaml",  # Corrected path for
Windows
    epochs=50,  # Number of training iterations
    imgsz=640  # Image size
)
# Save model
model.export(format="onnx")  # Export for deployment
```

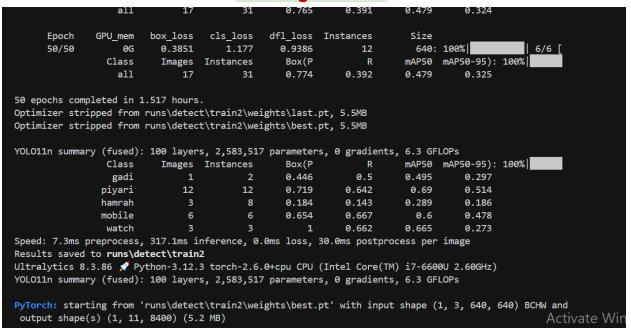
## Coco128.yaml:

```
train: D:/YOLO11-Custom-Training/dataset/images/train
val: D:/YOLO11-Custom-Training/dataset/images/val

# Classes
nc: 7  # Total number of classes
names:
    0: gadi
    1: piyari
    2: hamrah
    3: mobile
    4: watch
    5: bili
    6: khuto
```

## **OUTPUT:**

### **Training Results:**



#### **Prediction:**

