YOLOv8 Face Mask Detection - Project Summary

This project uses YOLOv8 to detect face mask usage in real-world images. It classifies faces into:

- with_mask

- without_mask

- mask_weared_incorrect

Model: yolov8s.pt

Epochs: 50

Augmentation: Enabled (rotation, HSV, scale, flip)

Final mAP@0.5: 0.854

Exported model: best.pt

API: /predict and /predict-json using FastAPI