

Object Tracking

Computer Vision

1300

1. Object Detection: 500

Use a pre-trained YOLOv5 model to detect people in each frame of the video. The model should identify the bounding boxes around each person along with the confidence scores.

2. Object Tracking: 500

Implement DeepSORT to track each detected person across frames. Each person should be assigned a unique ID that remains consistent throughout their appearance in the video.

3. Tracking Output: 300

Display the video with bounding boxes around each tracked person. Each bounding box should be labeled with the corresponding track ID.



Best Wishes :)