

Notice:

1. The model training autopilot course is only suitable for Jetson nano, Jetson Xavier NX, and Jetson TX2 NX motherboards, and is not compatible with Raspberry Pi.
2. The model training autopilot course is only applicable to the R2L car and Yahboom's autopilot map. If you use other models or other maps, you need to develop and debug the code yourself, and the code provided in this chapter cannot be used directly.

The three folders in the Autopilot_Annex file are the yolov5s.engine and libmyplugins.so files generated by Yahboom, corresponding to the three motherboards.

best_traffic&crossline.pt is a trained model that includes traffic signs and sidewalks. The model in the autopilot source code does not detect sidewalks.

If you need to detect sidewalks during autopilot, you need to generate yolov5s.engine and libmyplugins.so files and modify the yaml file according to the tutorial.

The pictures in traffic_pic are pictures of each traffic sign and sidewalk. If you need to retrain the model, you can train based on the pictures here.