**Setting up the environment**

Install Anaconda

In Anaconda type:  
Conda create -n \*NAME\* python=3.10

Y

Conda activate \*NAME\*

Pip install ultralytics

Download this file:  
<https://www.dllme.com/dll/files/libomp140_x86_64?sort=upload&arch=0x8664>

Unzip libomp140…. Dll into the same directory as fbgemm.dll  
(C:\Users\\*USER\*\anaconda3\envs\\*\*\*\*\*\Lib\site-packages\torch\lib)

where \*\*\*\*\* is the name of your environment

Copy this whole command, URL included, into anaconda and run:

**If you have a nVidia graphics card, do this next step, otherwise, skip it**

pip3 install --upgrade torch torchvision torchaudio --index-url <https://download.pytorch.org/whl/cu124>

pip install EasyDict

Install Git

Once Git is installed, close the Boat Tracking repo to create a working directory:

Git clone <https://github.com/AndreaM2001-ita/BoatTracking.git>

Go into the Boat Tracking folder (in anaconda) and then clone the Deep Sort repo:

Git clone <https://github.com/AarohiSingla/Tracking-and-counting-Using-YOLOv8-and-DeepSORT.git>

Once the deep sort repo is cloned, you’ll need to copy the Tracker.py file from the BoatTracking folder into deep\_sort/sort/

This will overwrite the existing one

That should do it…