**Installation on Windows**

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| Description | Code |
| Create Environment | python3.10 -m venv .env |
| Approve script running | Set-ExecutionPolicy RemoteSigned -Scope CurrentUser |
| Activate Environment | .env\Scripts\Activate.ps1 |
| Upgrade PIP | .env\Scripts\python.exe -m pip install --upgrade pip |
| Install Requirements | pip install -r .\requirements.txt |
| Remove Torch | pip uninstall torch, torchvision, torchaudio |
| Install CUDA | pip3 install torch torchvision torchaudio --index-url https://download.pytorch.org/whl/cu124 |
| Initialize environment | python .\Initialize.py |
| Run first time | python yolov5/detect.py --weights yolov5/yolov5s.pt --img 640 --conf 0.25 --source yolov5/data/images |
| Train | python yolov5/train.py --data grapes-detection-3/data.yaml --weights yolov5/yolov5s.pt --device 0 --epochs 200 --batch-size 2 --workers 2 |
| Test | python .\yolov5\detect.py --source .\Test\ --weights .\yolov5\runs\train\exp\weights\best.pt --conf-thres 0.2 --save-txt --line-thickness 4 |