Dependency

* python>=3.7
* pytorch>=1.6.0
* torchvision>=0.8.1
* munkres>=1.1.4
* numpy>=1.19.2
* opencv-python>=4.4.0.46
* pyyaml>=5.3.1
* scikit-learn>=0.23.2
* cudatoolkit>=11.0

**Training**

* You can simply use the following command to train:

**python train.py**

**Testing**

* You can simply use the following command to test:

**python cluster.py**