

Environment:

```
conda create --name MAL python=3.10
```

```
pip install -U scikit-learn
```

```
nvcc --version
```

```
conda install pytorch==1.12.1 torchvision==0.13.1 torchaudio==0.12.1 cudatoolkit=11.6 -c
```

```
pytorch -c conda-forge
```

```
pip install pandas==1.3.5
```

```
pip install ImageHash
```

```
pip install matplotlib
```

```
pip install opencv-python
```

Code Execution Instruction:

1. prepare data
2. prepare folder structure
3. change file and folder route (main.py & network.py)
4. execution and debug