

Week4: Image mining1

1. Install Opencv, python, jupyter notebook (or install winpython)
2. Learn to load an image, display, and save it back
3. Histogram
4. Otsu's thresholding
5. Binary image
6. Connected Component labelling (CCL)
7. CCL analysis: Image centroid



Note: use the **test_img.jpg** provided in the folder as an example

If you do not have python or opencv installed in your computer, try:

1, Download winpython

<https://github.com/winpython/winpython/releases/download/5.3.20221233/Winpython64-3.11.1.0.exe>

2, Install opencv

Pip install opencv-python

3, Run jupyter notebook

