

1.

Coding:

You have seen several supervised/unsupervised learning methods. Among them, K-Means is a quite useful tool. Implement it with Python / C++.

2.

Reading:

We were not talking about the solution of SVM. If you have interests in that, especially in Lagrange Multiplier (LM), try to find out your own solution. If you are too busy to do that, never mind, you'll revisit LM in PCA study.

You have to grab this knowledge in this course. Good Luck! LOL~

3.

Preparation:

Have you ever forgotten our target for a very single moment? Our dream is to do CV by leveraging the advantages of CNN. So, here are some questions for you:

- a. Have you installed PyTorch with Anaconda?
- b. Have you installed Caffe successfully?
- c. Have you had an environment to run C++ code with Caffe? [If you believe you are not going to live with C++ & Caffe, then forget about this.]
- d. Have you found out where is your interests lying in?
- e. From week 6, we are going to dive into the realm of deep learning authentically. And real projects are coming from week 7. You have 2 weeks!