

NYCU Deep Learning

2023 Spring

謝宏笙

February 21, 2023

Outline

Basic rules

LAB requirements

Machine allocation

Paper & Final Project

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Basic rules

There are 7 labs with demo

Explain your code and answer some questions.

Plagiarism is prohibited.

If you have any problems, please contact TA with email.

Use new E3 email system.

Send emails to all TAs. (except the lab questions)

Clarify your problem.

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LAB timetable

	LAB1 Back- Propagation	LAB2 2048 TD	LAB3 CNN	LAB4 CNN	LAB5 RNN+VAE	LAB6 Deep RL	LAB7 GAN
Announce	3/ 14	3/ 21 (上課前30分鐘)	3/ 28 (上課前30分鐘)	4/ 11	4/ 25	5/ 2 (上課前30分鐘)	5/ 9
DEMO	* 3/ 21	4/ 11	4/ 11	4/ 25	5/ 16		

LAB requirements

Upload your work to new E3

code (.py) and report. (.pdf)

Zip all files in one file and name it like DL_LAB1_yourstudentID_name.zip

E.g. DL_LAB1_310551109_謝宏笙.zip

Do not send it to TA.

Do not upload your model weight.

LAB requirements

Lab score

Lab report score + Lab demo score.

The criterion details will be listed in each lab specification.

Delayed report

Hand in before 6/ 6. (score * 0.8)

Again, no cheating!

Please follow the rules, or you will get punished.

Please do your assignment as early as possible.

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We will provide a gtx1060 for those who don't have powerful gpu.

Please fill up the following google form if you need a machine.



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Group

Deadline: 3/ 30

Three people in one group, if you have any issue, please contact TA.

Form: <https://forms.gle/mLmxiMBLF9T5qAhX7>

Slack: https://join.slack.com/t/slack-1be8860/shared_invite/zt-1p8c2km1u-LNP5ka4a6EGNAWfbzO2Jew

Paper presentation

It's suggested that the papers' topics are related to your final project

You can choose the papers you want to read, or you can choose from the papers we provide to you.

The papers should be published to the top conference (e.g. CVPR, NIPS, ACL, AAAI, ICCV, ECCV, ICLR etc.) in recent years (**< 3 years** is better).
Paper presentation should be **at most 15 minutes** + 10 minutes Q&A.

Final Project

Project Proposal: Motivation, input & output.

Make sure that you have the dataset.

Project Presentation: Details of your project. (June)

Poster. (in person)

We will announce the google docs/ drive link to let you fill in/ upload.

Your project and paper presentation topic.

Your ppt slides and video.