NYCU Deep Learning

2023 Summer
高宗霖

July 4, 2023

Outline

- Basic rules

- LAB requirements

- Paper & Final Project

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Basic rules

- There are 6 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 CNN	LAB3 CNN	LAB4 RNN+VAE	LAB5 RL	LAB6 Diffusion
Announce	**7/11 (T567)**	**7/18 (T567)**	7/27 (Rabc)	8/3 (Rabc)	8/10 (Rabc)	8/15 (Tabc)
DEMO	**7/18 (T567)**	7/27 (Rabc)	8/3 ((Rabc)	8/15 (Tabc)		

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_311554005_高宗霖.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 8/24. (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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Group

- Deadline: 7/25

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

- Form: will release in the future

- Slack:

  https://nycudlp-2023-summer.slack.com/join/shared_invite/zt-1yhpaudxf-94ME3xJQrRI8vOkJ7lKSdg?fbclid=I

  wAR02o2DzNSqpyiyL2vdrxQ-DdQl74mSZh_bxZ-tXFXC9AsdT5v-qyfLs1vs#/shared-invite/email

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. (August)

  - 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.

Final Project

- Workload Ratio

- **DO NOT BE the freerider!!!**

- Scores will be based on your effort

  - Group 1 take **100** in their final project

Workload Ratio   Student 1 : Student 2 : Student 3 = **1 : 1: 1**

Student 1 : 100

Student 2 : 100

Student 3 : 100

Final Project

- Workload Ratio

- **DO NOT BE the freerider!!!**

- Scores will be based on your effort

  - Group 1 take **100** in their final project

Workload Ratio   Student 1 : Student 2 : Student 3 = **2 : 1: 1**

Student 1 : 100

Student 2 : 50

Student 3 : 50

Final Project

- Workload Ratio

● **DO NOT BE the freerider!!!**

● Scores will be based on your effort

   ● Group 1 take **100** in their final project

Workload Ratio   Student 1 : Student 2 : Student 3 = **4: 2: 1**

Student 1 : 100

Student 2 : 50

Student 3 : 25