

# NYCU Deep Learning

2024 Summer

曾昱仁

Jul. 2, 2024

# Outline

- Basic rules
- LAB requirements
- Paper presentation & final project

# Outline

- Basic rules
- LAB requirements
- Paper presentation & final project

# 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)
  - For lab questions, ask the TA responsible for the lab
  - Please clarify your problem

# Outline

- Basic rules
- LAB requirements
- Paper presentation & final project

# LAB Machines



# LAB timetable

	LAB1 Back-Propagation	LAB2 CNN	LAB3 CNN	LAB4 VAE	LAB5 MaskGIT	LAB6 Generative Models
Announce	7/9 (Tabc)	7/16 (Tabc)	7/23 (Tabc)	7/30 (Tabc)	8/6 (Tabc)	8/13 (Tabc)
DEMO	7/16 (Tabc)	7/23 (Tabc)	7/30 (Tabc)	TBD	TBD	No demo

# LAB requirements

- Upload your work to new E3
  - Contain code (.py) and report (.pdf)
  - Please follow the specifications of each lab
  - Do not send it to TA
  - Do not upload your model weights and dataset unless specified otherwise



# 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 8/29 (score \* 0.8)
- Please follow the rules, or you will get punished
- Please do your assignment as early as possible

# Outline

- Basic rules
- LAB requirements
- Paper presentation & final project

# Group

- Group deadline: 7/21
- Three people in one group, if you have any issue, please contact TA.
- Form: <https://forms.gle/Smhf3tVmvFKHLxG96>
- You can find your team member in the [forum](#)
- Randomly assign group if you hasn't decided it before deadline
  - No adjustment about the random group will be accept

# Final project proposal

- Date: 8/1
- Project Proposal: motivation, input & output
  - Make sure that you have the dataset
- Do not plan to naively use the open-source code
- We will announce the google docs/drive link to let you fill in/upload
  - Paper presentation topic (deadline: 7/28)
  - PPT slide (deadline: a day before your proposal)

# Final project proposal

- Share the main idea of the paper for paper presentation first, and it's suggested that the topic is related to your final project
- Propose your project idea, which should contain some novelty or extra implementation
- Project proposal should be **at most 8 minutes** + 2 minutes Q&A

# Paper presentation

- Date: 8/20, 8/22
- The papers should be published to the top conference (e.g. CVPR, NIPS, ACL, AAAI, ICCV, ECCV, ICLR etc.) in recent years (< 3 years)
- Paper presentation should be at most 15 minutes + 5 minutes Q&A
- We will announce the google drive link to let you upload
  - PPT slide (deadline: a day before your proposal)

# Final Project

- Project Presentation: Details of your project
  - Date: 8/29
  - Prepare your poster for exhibition (in person, A1 size)
- Project score
  - Proposal score + Poster score (affect by workload ratio)
  - 60% of base score + 40% of contribution score

# 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 :  $100 * 0.6 + 100 * 0.4 * 1 = 100$

Student 2 :  $100 * 0.6 + 100 * 0.4 * 1 = 100$

Student 3 :  $100 * 0.6 + 100 * 0.4 * 1 = 100$



# 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 :  $100 * 0.6 + 100 * 0.4 * 1 = 100$

Student 2 :  $100 * 0.6 + 100 * 0.4 * \mathbf{0.5} = 80$

Student 3 :  $100 * 0.6 + 100 * 0.4 * \mathbf{0.5} = 80$

# 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 :  $100 * 0.6 + 100 * 0.4 * 1 = 100$

Student 2 :  $100 * 0.6 + 100 * 0.4 * \mathbf{0.5} = 80$

Student 3 :  $100 * 0.6 + 100 * 0.4 * \mathbf{0.25} = 70$

# Materials Request

For those who could not be added in the e3, please complete the form

