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# Machine Learning Final Project Rules

MLTAs  
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# Outline

- Intro
- Schedule
- Grading
- Report
- Github
- Bonus

# Intro

- Three projects to choose from:
  - [Intent Retrieval from Online News](#)
  - Image Dehazing
  - RSNA Pneumonia Detection Challenge (DeepQ Challenge)
- **Total grade: 20%**

# Schedule

Date	Todo	Score
(4/25) 11:59:59 Thu.	Final Project Rules Announcement	
(5/2) 11:59:59 Thu.	Final Project Introduction	
(5/2) 23:59:59 Thu.	Team Up Deadline	
(5/30) 23:59:59 Thu.	Proposal/Topic Deadline	Proposal + 1%
	Early Simple Deadline	Early Simple +1%
(6/13) 23:59:59 Thu.	Early Strong Deadline	Early Strong +1%
(date TBA)	Final Presentation (top-3)	bonus +3%
(date TBA)	Final Project Ranking Final Project Github Deadline ( Report & Github )	Ranking (2%) Pass Simple +2% Pass Strong +2%

# Grading (Total 20%)

- Proposal: 1%
- Report : 10%
- Beyond Early Simple before (5/30 23:59:59) : 1%
- Beyond Early Strong before (6/13 23:59:59) : 1%
- Beyond Simple Baseline before (Final Date) : 2%
- Beyond Strong Baseline before (Final Date) : 2%
- Ranking: 2% (前5名: 2%, 前10名: 1%)
- Intra-group Peer Review: 1%
- note: all baselines in this page meant the public baseline

# Grading Details - Team Makeup

- Team Member Number : at most 4 people.
- Team-up Form: [\[link\]](#)
- Team name must start with 「NTU\_隊長學號\_」
  - e.g. NTU\_b04901118\_好想看復仇者聯盟qq
  - Team-up deadline 5/2 23:59:59
  - 之後於比賽平台上請一律使用team-up form中所填寫的隊名
  - 請務必以整組身份參加比賽, 若組隊遇到困難請洽助教

# Report (Total 10%)

- Introduction & Motivation : 0.5%
- Data Preprocessing/Feature Engineering : 1.5%
- Methods (At least two different methods) : 2.5%
- Experiment and Discussion : 4%
- Conclusion : 1%
- Reference : 0.5%

# Report (Total 10%)

- 檔名格式需為 report.pdf
- 請以中文撰寫
- 至少6頁, 至多12頁
- 若有引用網路上別人的任何work, 請一定要標明出處, 否則以作弊論



# Github

- Upload to team leader's github 'ML2019SPRING' repository only
- Directory name: **final**
- **Master-branch only**
- Github & Report Deadline: TBD
- Any Github problem please refer to : Git-Tutorials [\[link\]](#)
- Any Github branch/merge problem please refer to : [\[link\]](#)
- Any markdown syntax problem please refer to : [\[link\]](#)
- Any 3rd party cloud storage service upload/download problem please refer to : [\[link\]](#)

# Github

- Directory **/final** should at least contain: [\[link\]](#)
  - **/src** : where you put your codes
  - **report.pdf** : your report
  - **requirements.txt** : modules requirements
    - e.g. `pip freeze > requirements.txt`
  - **README.md** : your toolkit version and how to execute your codes
  - any other models/scripts/datasets/folders .....



- simple directory structure sample

hyes92121 / ML2019SPRING

Unwatch 1Star 0Fork 0

<> Code

Issues 0

Pull requests 0

Projects 0

Wiki

Insights

Settings

Branch: master ML2019SPRING / final /

Create new fileUpload filesFind fileHistory

hyes92121 add finalLatest commit a6f5f0b 2 minutes ago

..		
model	add final	2 minutes ago
src	add final	2 minutes ago
README.md	add final	2 minutes ago
report.pdf	add final	2 minutes ago
requirements.txt	add final	2 minutes ago
train.sh	add final	2 minutes ago

README.md

## Final

Sample project structure for NTU ML2019SPRING final project

# Bonus

- If you are top-3 teams in each of the task you are welcomed to give a presentation on (Date TBA)
- Presentation time: 10 min
- Bonus score: 3

Q&A

# proposal 要寫些什麼？如何上傳 proposal？

proposal 務必包含以下四點，其餘不限：

1. 隊名及隊員
2. 所選擇的題目
3. problem study: 與此次作業相關的 paper 閱讀，並寫出 paper 所提出的方法。(model架構、資料處理或是 training tips.....相關的 paper 皆可) 最後面請務必附上 reference。
4. proposed method: 簡要的寫出現在的模型架構及訓練方法，再提出之後預計使用的改進方法。

請同學將檔案存成 proposal.pdf 在 (proposal deadline) 之前上傳到隊長的 github, 路徑為 /final/proposal.pdf