

Homework 3

AIA_書璿



Homework內容

- Kaggle 網頁:
 - <https://www.kaggle.com/t/67226e486f784e16bee2ce84ad44c179>
 - 請先Join Competition
 - 請改Team Name為**自己的工號**

FUNGI Dataset

- **原資料集:FGVC-Fungi**
 - over 100,000 fungi images
 - 1,500 wild mushrooms species
 - 每個種類6到200多張照片
- **Source 資料集(Meta Train):**
 - 給予各位300種蘑菇
 - 每種蘑菇給10張照片
 - 自行切分support及query去meta train
- **Target資料集(Meta Test)**
 - 110種蘑菇
 - 每種蘑菇support給5張照片
- **任務**
 - 給予一張照片，以及110種蘑菇中的三種可能
 - 預測是三種中的哪一種
 - 共2200個不同的任務



Homework內容

- **Dataset位置:**

- kaggle網頁中有:

- <https://www.kaggle.com/t/67226e486f784e16bee2ce84ad44c179>

- I:\AIA Small Data\kaggle_fungi

- **Google Drive連結:**

- [圖片檔案](#)

- 問題:

- https://drive.google.com/file/d/1Q0_o_WtvTQhmczTH95VhuKWKofxdjK2v/view?usp=sharing

- <https://drive.google.com/file/d/1ta3TTJqGWZ8aIF9bmcOHtmfpRjQL4H-s/view?usp=sharing>

- **限制:**

- 請使用任一種今天實作課教的Metric Based方式來做:

- Prototypical, Relation Net ,...

繳交預測結果

- 1. Submit Prediction後，可看到Public Leader board
上自己工號即算有繳交到預測結果

OverviewDataCodeDiscussionLeaderboardRulesTeamMy SubmissionsSubmit Predictions...

>_ kaggle competitions submit -c auo-small-data-fungi-day1 -f submission.csv -m "Message"

Make a submission for [LittleWaysHuang](#)

You have 20 submissions remaining today. This resets a day from now (00:00 UTC).

Step 1
Upload submission file

File Format
Your submission should be in CSV format. You can upload this in a

Number of Predictions
We expect the solution file to have
This file should have a header row

Public LeaderboardPrivate Leaderboard

This leaderboard is calculated with approximately 50% of the test data.
The final results will be based on the other 50%, so the final standings may be different.

Raw DataRefresh

#	Team Name	Notebook	Team Members	Score ?	Entries	Last
	baseline2.csv			0.57090		
1	2008081			0.35454	7	1d
2	2106074			0.35000	8	3d
	baseline.csv			0.34090		

繳交程式碼

- 2. 請將程式碼簡化為一個.py檔後改附檔名為.txt，不要壓縮。
 - 上傳google form:
https://docs.google.com/forms/d/e/1FAIpQLSfyg_tYibpAD7VYqszVMLdqxS_qGhiVir3oiFcTfqShz9PC9Q/viewform?usp=sf_link
 - 填入姓名、工號、部門/單位代碼
 - 可使用 “jupyter nbconvert --to script 檔案名稱.ipynb” 指令將ipynb轉換成.py 程式碼。
 - 程式碼應包含：
 - 1. Data loader
 - 2. Model定義
 - 3. Meta訓練方式
 - 大小在1M以下，不包含訓練資料