

Student Information

Name: 吳孟維

Student ID: 113062565

GitHub ID: wumengwei0213

Kaggle name: WMW1234

Kaggle private scoreboard snapshot:

Instructions

DM2024 ISA5810 Lab2 Homework

Late Submission

Overview	Data	Code	Models	Discussion	Leaderboard	Rules	Team	Submissi
137	—	Akira Hoi-Man CHENG				0.22067	5	5d
138	—	WalterLai0602				0.20259	1	4d
139	▲ 1	王玟婷的資料				0.19546	5	15d
140	▼ 1	12345				0.19450	4	8d
141	▲ 1	Yvonne Huang				0.19162	3	5d
142	▼ 1	Rilakkuma-dabbie				0.18820	1	4d
143	—	WMW1234				0.18362	1	4d



- First: **This part is worth 30% of your grade.** Do the **take home exercises** in the [DM2024-Lab2-master Repo](#). You may need to copy some cells from the Lab notebook to this notebook.
- Second: **This part is worth 30% of your grade.** Participate in the in-class [Kaggle Competition](#) regarding Emotion Recognition on Twitter by this link: <https://www.kaggle.com/competitions/dm-2024-isa-5810-lab-2-homework>. The scoring will be given according to your place in the Private Leaderboard ranking:
 - Bottom 40%:** Get 20% of the 30% available for this section.
 - Top 41% - 100%:** Get $(0.6N + 1 - x) / (0.6N) * 10 + 20$ points, where N is the total number of participants, and x is your rank. (ie. If there are 100 participants and you rank 3rd your score will be $(0.6 * 100 + 1 - 3) / (0.6 * 100) * 10 + 20 = 29.67\%$ out of 30%.)
Submit your last submission **BEFORE the deadline (Nov. 26th, 11:59 pm, Tuesday)**. Make sure to take a screenshot of your position at the end of the competition and store it as ""pic0.png"" under the **img** folder of this repository and rerun the cell **Student Information**.
- Third: **This part is worth 30% of your grade.** A report of your work developing the model for the competition (You can use code and comment on it). This report should include what your preprocessing steps, the feature engineering steps and an explanation of your model.
You can also mention different things you tried and insights you gained. ver1 是參考 <https://www.kaggle.com/code/shtrausslearning/twitter-emotion-classification> 但是我一直沒有成功跑起來，所以後來 ver2 就先用 random forest 繳交。
- Fourth: **This part is worth 10% of your grade.** It's hard for us to follow if your code is messy :(, so please **tidy up your notebook**.

Upload your files to your repository then submit the link to it on the corresponding e-learn assignment.

Make sure to commit and save your changes to your repository **BEFORE the deadline (Nov. 26th, 11:59 pm, Tuesday)**.

In [2]: ### Begin Assignment Here