Outline

• Projects
• Schedule
• Scoring
• Policy
• Report
• Github
• Bonus
Projects

• Cyber Security Attack Defender
• Outbrain Click Prediction
• Transfer Learning on Stack Exchange Tags
## Schedule

<table>
<thead>
<tr>
<th>DATE</th>
<th>TODO</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/25</td>
<td>Final Project Releases</td>
</tr>
<tr>
<td>12/02 21:00:00</td>
<td>Team Makeup (Stage One)</td>
</tr>
<tr>
<td></td>
<td>Release Simple Baseline</td>
</tr>
<tr>
<td>12/09</td>
<td>停修截止</td>
</tr>
<tr>
<td>12/16 21:00:00</td>
<td>Beyond Simple Baseline (Stage Two)</td>
</tr>
<tr>
<td></td>
<td>Release Strong Baseline</td>
</tr>
<tr>
<td>12/23</td>
<td>Keep on moving moving.</td>
</tr>
<tr>
<td>12/30 21:00:00</td>
<td>Beyond Strong Baseline (Stage Three)</td>
</tr>
<tr>
<td>01/06 21:00:00</td>
<td>Top 10% Teams are Chosen</td>
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<tr>
<td>01/13</td>
<td>Top 10% Teams Presentation</td>
</tr>
<tr>
<td>01/18 (Wed) 21:00:00</td>
<td>Kaggle Ranking Deadline</td>
</tr>
<tr>
<td>01/20 21:00:00</td>
<td>Github (Report, src) Deadline</td>
</tr>
</tbody>
</table>
Scoring (65/60)

- Report: 30
- Team Makeup before **Stage One**: 5
- Beyond Simple Baseline before **Stage Two**: 4
- Beyond Strong Baseline before **Stage Three**: 4
- Beyond Simple Baseline before Kaggle Rank Deadline: 4
- Beyond Strong Baseline before Kaggle Rank Deadline: 4
- Ranking: 4
- Github: 5
- 組內互評: 5
Scoring details

- Team makeup (5%)
  - 填好組隊表單（2~4人）
  - 在Kaggle的比賽上Merge成一隊（包含所有的組員）
  - Before Stage one 12/02 21:00:00

- 如果你“Beyond Simple Baseline before Stage Two”代表你也會“Beyond Simple Baseline before Kaggle Rank Deadline”所以你會得到4+4分。同理Strong baseline。

- 可同時進行多個題目，但助教只會依照最後繳交報告的一個題目評分。
  - 如果在題目A“Beyond Simple Baseline before Stage Two”但是你最後繳交的報告是題目B，則你不會拿到題目A的任何分數，一切以題目B為準。
  - 中途換題目會使你拿不到前面Stage的分數，建議大家盡早決定一個題目。
  - 組隊的分數要在kaggle中完成merge才算成功，因此每個比賽的組隊是獨立計分。

- 提醒：可以先在每一個題目都組隊完成，如果等到公布Simple baseline才組隊選擇題目會害你拿不到組隊的分數。
Scoring details (cont)

• Ranking (4%)
  • beyond 30% : 4
  • beyond 50% : 3
  • beyond 70% : 2
  • beyond sample submission : 1

• 所有的Kaggle分數都是依據Public set。 (beyond baseline, ranking判定)
Policy

• Kaggle Team Name: "NTU_隊長學號_隊伍名稱"
• Team merge before stage one
• Feel free to use any toolkit.
• Abide by the rules of the competition.
• No cheating.
• Team sheet: https://goo.gl/mSYNIs
Report -- Rules

• 12 號字
• 單行間距
• 至少 6 頁，至多 12 頁 (含圖表)
• 報告中不須附上 code
Report -- Contents

• 請清楚標示你選的題目 ( * 1/0)

• Team name, members and your work division (5)

• Preprocessing/Feature Engineering (5)

• Model Description (At least two different models) (5+5)

• Experiments and Discussion (5+5)
Github -- what it should contain?

- Team leader’s github account!
- Only master, no branch.
- Directory “final” should contain:
  - a directory “src” with the source codes you write
  - a PDF file “Report.pdf” which is your final project report

```
ML2016/final
|--
|--- /src
|    |-- codes
|    |__ ...
|--- Report.pdf
|___ any other files
```
BONUS a.k.a 大天使的祝福

- If you are the top 10% team in the kaggle competition, you are welcomed to give a presentation on 2017/01/13
- Presentation time: 12 minutes
- Bonus score for presentation: 2 point
- The presentation would be voted. The top three presentation teams can get additional bonus score:
  1st -> 3
  2nd -> 2
  3rd -> 1
Deadline

- Stage ONE deadline: 2016/12/02 21:00:00
- Stage TWO deadline: 2016/12/16 21:00:00
- Stage THREE deadline: 2016/12/30 21:00:00
- Kaggle deadline: 2017/01/18 三 21:00:00
- Github deadline: 2017/01/20 五 21:00:00

Kaggle score会依照每一個stage及此投影影片所公布的時間為準，不需理會Kaggle上設定了截止期限。

Late: https://goo.gl/mufC6C (70% discount per day. At most 48 hours late)