

# 資料分析與學習基石

*(Fundamental of Data Analytics and Learning)*

## Homework 1 – First visit in Kaggle data

*Hung-Yu Kao (高宏宇)*

*Intelligent Knowledge Management Lab*



*Master Program of Artificial Intelligence*

*Institute of Medical Informatics,*

*Dept. of Computer Science and Information Engineering*

*National Cheng Kung University, Tainan, Taiwan*



# Goal

- Survey a dataset in Kaggle
  - Study the data
    - What information is released?
    - What information you can find and mine from it?
    - Any kind of integration between datasets? (if you survey multiple datasets)
  - Study the code
    - Notebook (Kernel) survey
    - Comparison
    - Why? How?



# Report & Schedule

- Dataset description: 資料集與資料欄位描述
- Data analysis
  - 現有分析方法與產出
  - 資料分析價值與可能產出
- Scoring
  - 基本資料集描述, 資料特性描述 (35%)
  - Notebook方法介紹與比較 (35%)
  - Your insight (20%)
  - 資料特殊性 (10%)
- Schedule
  - Report Due: 3/9 23:59pm

