

# AMA563

Principles of Data Science

# General Information

- 3 Assignments (20 points,)
- 1 mini project (30 pints): Teamwork, no larger than 4
- Final (50 points)

# General Information

- Grade-cut-of: A-/A/A+ 85; B-/B/B+ 70; C-/C/C+ 55; D/D+ 45
- Lecture notes, solution for assignments and tutorials will be afforded
- Choose any programming language as you like: R, Python, Matlab, C++, Java, C.....
- Dissertation: please visit [my personal web](#) to explore more
- Industry, take more course  
Academia, contact with potential supervisor early
- Any question?

# Project

Content: interesting dataset (Kaggle...) -> data analysis -> show result

Report: 2,000-3,000 words,

including data introduction,

problem of interest,

methodology,

results,

discussion,

at least 4 figures,

and contributions of each member. (do not copy paste, all the uploaded documents will be auto-check by the system)

# Project

- Key word: Brain connectivity data analysis
- 40 repeat the existing work
- 50 add new dataset, method, in existing work
- 70+ new findings, new method, new study, innovation
- Where can be data from? Kaggle, online, other labs in PolyU, others.....
- Use Latex to write report
- Ask GhatGPT to help you
- The presentation will begin on 10<sup>th</sup> week (by random order)