Teachers

- **Instructor:** Dr. YAU Chun Yip 邱俊業
  - Email: cyyau@sta.cuhk.edu.hk
  - Office: Lady Shaw Building (LSB) 110
  - Office Hour: Mon 16:30-18:30

- **Tutor:** Mr. Lai Chun Hei
  - Email: s1155002282@sta.cuhk.edu.hk
  - Office: Lady Shaw G24

- **Tutor:** Ms. Bian Ning
  - Email: s1155053875@sta.cuhk.edu.hk
  - Office: Lady Shaw 130
Prerequisites:

- Background in mathematics and statistics
- Or you are familiar with
  - Normal, t, F, chi-square distributions
  - Matrix operations
    - multiplication, inverse, trace
  - Multivariate calculus
    - Differentiate an multivariable function, i.e. gradient
- Program: R
  - Download: [http://cran.r-project.org/bin/windows/base/](http://cran.r-project.org/bin/windows/base/)
  - tutorial: [http://r-statistics.net/r-tutorial.html](http://r-statistics.net/r-tutorial.html)
Lecture Slide:
- Class Website
  - www.sta.cuhk.edu.hk/cyyau
- Cover all you need to know, basically no need to buy book

Textbook:
- Most of the materials of the Lecture slide follows from this book

Reference book:
  - Good book, easy to read and understand
  - More advanced Math
  - More advanced Math in a concise way
Other Materials in the class website

- **Regular assignments**
  - About 4-5 assignments in total.
  - (Assignment Dropbox @ LSB 1/F)
  - Discuss the result of your analyses. Never turn in raw computer outputs or spread sheet files.
  - LATE assignment will NOT be graded.

- **Exercises**
  - Posted every week with solutions
  - What for?
    - Consolidating the concept
    - Help to do assignments
    - Training for Midterm/Final
  - No need to hand in, work hard yourself!

- **Further exercises**
  - [www.sta.cuhk.edu.hk/cyyau/statmc](http://www.sta.cuhk.edu.hk/cyyau/statmc)
Grading

- Regular assignments (20%)
- Mid term exam (30%) 16/10 Thursday
- Final exam (50%)