

CS5128701: Practice of Social Media Analytics (社群媒體資料分析實務)

NTUST CSIE
Yi-Ling Chen (陳怡伶)

Course Materials

- Reference Books
 - Network Science, by A.-L. Barabasi, Cambridge University Press, 2016
 - Social Network Data Analytics, edited by C. C. Aggarwal, Springer, 2011
- Selected papers from journals and conferences
- Slides
 - Will be available on the Moodle website

Topics

- Introduction to social networks
- Models of social networks
- Ranking on networks
- Link prediction
- Community detection
- Influence maximization
- Visualization of social networks

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Correspondence

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- TAs
 - (to be announced)

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Tentative Grading Policy

- Programming Assignments: 60%
- Final Project: 40%
- Class Participation: extra 5% bonus
- Final grades will be adjusted based on overall scores

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Course Requirements

- Programming experience!
- Programming experience!!
- Programming experience!!!

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Class Schedule

- Classes

- F2, F3, F4 → Prerecorded videos
- (Still need to come to Webex for final project presentations.)

- Office hours

- F3, F4
- Online via Webex
<https://ctld.webex.com/meet/yiling>
- (Let's try a few weeks first. May switch back to TR-214 according to your feedbacks.)

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Q & A

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