About the Course

Kuan-Yu Chen (陳冠宇)

2017/09/14 @ TR-509, NTUST

Syllabus

Week	Syllabus	Homework
1	Course Overview & Introduction	
2	Vector Space Modeling – 1	Homework-1
3	Vector Space Modeling – 2 and Term Weighting Methods	
4	Indexing, Search, Evaluation, and Benchmark Corpus	Homework-2
5	Probabilistic IR Models	
6	Language Modeling Approaches – 1	Homework-3
7	Language Modeling Approaches – 2	
8	Midterm Exam	
9	Advanced Modeling Approaches	
10	Relevance Feedback and Query Expansion – 1	Homework-4
11	Relevance Feedback and Query Expansion – 2	
12	Neural Modeling for IR – 1	Homework-5
13	Neural Modeling for IR – 2	
14	Final Exam	
15	Clustering and Special Issues in (Web) IR	
16	Fundamental of Extractive Summarization	
17	Fundamental of Recommendation System	
18	Paper Presentations	

Tentative Grading

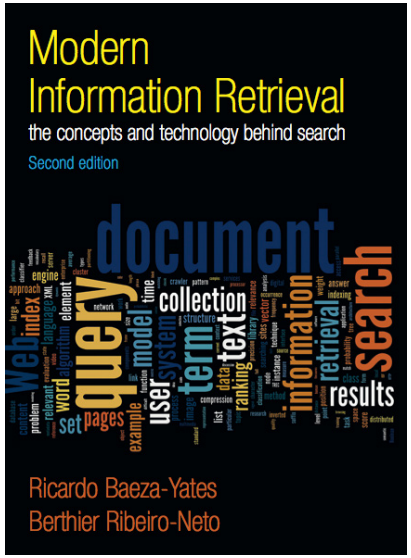
- Homework: 50%
  - Programming with C/C++/Python(Keras/TensorFlow)/Matlab
- Presentation: 20%
- Midterm: 15%
- Final: 15%

- Instructor: 陳冠宇
  - E1-222-4, Wednesday 9:00~16:00
  - kychen@mail.ntust.edu.tw
  - (02) 2737-6377
  - http://faculty.csie.ntust.edu.tw/~kychen/courses/2017_IR_Fall/2017_IR.html

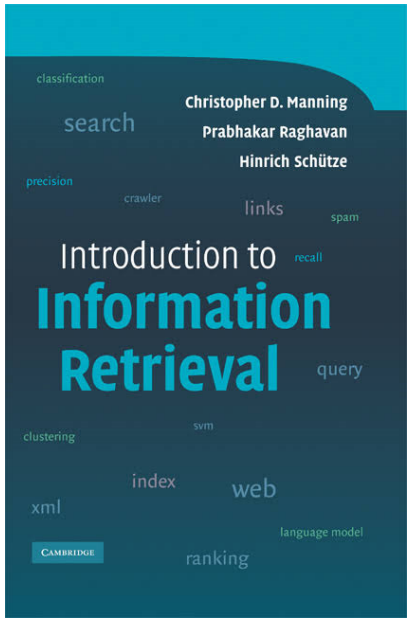
- TA: 湯京祐 (RB308-3)

References

- R. Baeza-Yates and B. Ribeiro-Neto, Modern Information Retrieval: The Concepts and Technology behind Search (2nd Edition), ACM Press, 2011



- C. D. Manning, P. Raghavan and H. Schütze, Introduction to Information Retrieval, Cambridge University Press, 2008



Questions?

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