University of Regina

Department of Computer Sciences

Winter 2019

CS 824 - Information Retrieval

Assignment 1

Questions 4 & 5

Submitted to Dr. Yiyu Yao

By

Chao Zhang

Regina, February 3, 2019

4. Find a list of 40 papers on IR. (Note that you cannot use more than 5 papers from the same research group.)

[1] Baeza-Yates, R., & Ribeiro, B. D. A. N. (2011). Modern information retrieval. New York: ACM Press; Harlow, England: Addison-Wesley,.

[2] Korfhage, R. R. (2008). Information storage and retrieval.

[3] Ponte, J. M., & Croft, W. B. (1998, August). A language modeling approach to information retrieval. In Proceedings of the 21st annual international ACM SIGIR conference on Research and development in information retrieval (pp. 275-281). ACM.

[4] Chor, B., Goldreich, O., Kushilevitz, E., & Sudan, M. (1995, October). Private information retrieval. In Foundations of Computer Science, 1995. Proceedings., 36th Annual Symposium on (pp. 41-50). IEEE.

[5] Croft, W. B., Metzler, D., & Strohman, T. (2010). Search engines: Information retrieval in practice (Vol. 283). Reading: Addison-Wesley.

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[8] Salton, G., Fox, E. A., & Wu, H. (1982). Extended Boolean information retrieval. Cornell University.

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[10] Lewis, D. D. (1998, April). Naive (Bayes) at forty: The independence assumption in information retrieval. In European conference on machine learning (pp. 4-15). Springer, Berlin, Heidelberg.

[11] Gupta, A., & Jain, R. (1997). Visual information retrieval. Communications of the ACM, 40(5), 70-79.

[12] Jones, K. S. (Ed.). (1997). Readings in information retrieval. Morgan Kaufmann.

[13] Liu, T. Y. (2009). Learning to rank for information retrieval. Foundations and Trends® in Information Retrieval, 3(3), 225-331.

[14] Ingwersen, P. (1992). Information retrieval interaction (Vol. 246). London: Taylor Graham.

[15] Hotho, A., Jäschke, R., Schmitz, C., & Stumme, G. (2006, June). Information retrieval in folksonomies: Search and ranking. In European Semantic Web conference (pp. 411-426). Springer, Berlin, Heidelberg.

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[17] Berger, A., & Lafferty, J. (2017, August). Information retrieval as statistical translation. In ACM SIGIR Forum (Vol. 51, No. 2, pp. 219-226). ACM.

[18] Maron, M. E., & Kuhns, J. L. (1960). On relevance, probabilistic indexing and information retrieval. Journal of the ACM (JACM), 7(3), 216-244.

[19] Berry, M. W., Drmac, Z., & Jessup, E. R. (1999). Matrices, vector spaces, and information retrieval. SIAM review, 41(2), 335-362.

[20] Meadow, C. T., Boyce, B. R., & Kraft, D. H. (1992). Text information retrieval systems (Vol. 20). San Diego, CA: Academic Press.

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[33] Downie, J. S. (2003). Music information retrieval. Annual review of information science and technology, 37(1), 295-340.

[34] Jansen, B. J., Spink, A., Bateman, J., & Saracevic, T. (1998, April). Real life information retrieval: A study of user queries on the web. In Acm sigir forum (Vol. 32, No. 1, pp. 5-17). ACM.

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[38] Typke, R., Wiering, F., & Veltkamp, R. C. (2005, September). A survey of music information retrieval systems. In Proc. 6th International Conference on Music Information Retrieval (pp. 153-160). Queen Mary, University of London.

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[40] Gudivada, V. N., Raghavan, V. V., Grosky, W. I., & Kasanagottu, R. (1997). Information retrieval on the world wide web. IEEE Internet Computing, 1(5), 58-68.

4. Give three criteria to classify the papers. And classify the papers accordingly.

(1) Classification by years

a. Before 1990

[8] Salton, G., Fox, E. A., & Wu, H. (1982). Extended Boolean information retrieval. Cornell University.

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b. Between 1990 and 2000 (included 1990)

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d. After 2010

[1] Baeza-Yates, R., & Ribeiro, B. D. A. N. (2011). Modern information retrieval. New York: ACM Press; Harlow, England: Addison-Wesley,.

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(2) Classification by research organizations and associations

a. ACM

[3] Ponte, J. M., & Croft, W. B. (1998, August). A language modeling approach to information retrieval. In Proceedings of the 21st annual international ACM SIGIR conference on Research and development in information retrieval (pp. 275-281). ACM.

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b. IEEE

[4] Chor, B., Goldreich, O., Kushilevitz, E., & Sudan, M. (1995, October). Private information retrieval. In Foundations of Computer Science, 1995. Proceedings., 36th Annual Symposium on (pp. 41-50). IEEE.

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c. Springer

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d. Individual researchers

[1] Baeza-Yates, R., & Ribeiro, B. D. A. N. (2011). Modern information retrieval. New York: ACM Press; Harlow, England: Addison-Wesley,.

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(3) Classification by types of research fields

a. Language

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b. Music

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c. ***Computer science & Math & Statistics***

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