Abstract

Twitter is a most popular microblogging site. It provides us with real-time data. This article provides a survey of techniques for retrieving information from the Twitter stream. These techniques aim to find real-world and most relevant information with respect to the query. To retrieve the most relevant information, the query expansion techniques are used. Twitter data contain a large amount of information. Information rank retrieval techniques find important data and assign a final score to that information with respect to the user's interest profile.

References

1. Xiang Zhu, Jiuming Huang, Sheng Zhu, Ming Chen, Chenlu Zhang, Li Zhenzhen, Huang Dongchuan, Zhao Chengliang, Aiping Li, Yan Jia. NUDTSNA at TREC 2015 Microblog Track: A Live Retrieval System Framework for Social Network based on Semantic Expansion and Quality Model.
4. Runwei Qiang, Feifan Fan, Chao Lv, Jianwu Yang. Knowledge-based Query Expansion in Real-Time Microblog Search
9. Cher Han Lau, YueFeng Li, Dian Tjondronegoro, Microblog retrieval using topical features & query expansion, Queensland University of Technology
10. Ashish Kankaria, Query Expansion techniques, Indian Institute of Technology Bombay, Mumbai
11. Donald Metzler, Congxing Cai, Eduard Hovy, Structured Event Retrieval over Microblog Archives, University of Southern California.
12. Jimmy Lin, 1 Miles Efron 2, Yulu Wang, 3, Garrick Sherman 2, and Ellen Voorhees, Over view of the TREC-2015 Microblog Track, 1 University of Waterloo, 2 University of Illinois, Urbana-Champaign, 3 University of Maryland, College Park, 4 NIST
14. Iadh- Ounis 1, Craig Macdonald 1, Jimmy Lin 2 , 3, Ian Soboroff 4 * Over view of the TREC-2011 Microblog Track, 1 University of Glasgow, Glasgow, UK 2 Twitter, San Francisco, CA, USA 2 University of Maryland, College Park, MD, USA 4 NIST, Gaithersburg, MD, USA.
15. Krysta M. Svore, Christopher J. C. Burges A Machine Learning Approach for Improved BM25 Retrieval, Microsoft Research One Microsoft Way Redmond, WA 98052
16. Ben He and Iadh Ounis, Term Frequency Normalisation Tuning for BM25 and DFR Models, Department of Computing Science United Kingdom.
18. Book of Information Retrieval by Christopher D.Manning, Prabhakar Raghavan and Hinrich Schütze

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Keywords

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