Fairness and Transparency in Ranking

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1   Abstract

Ranking in Information Retrieval (IR) has been traditionally evaluated from the perspective of the relevance of search engine results to people searching for information, i.e., the extent to which the system provides "the right information, to the right people, in the right way, at the right time." However, people in current IR systems are not only the ones issuing search queries, but increasingly they are also the ones being searched. This raises several new problems in IR that have been addressed in recent research, particularly with respect to fairness/non-discrimination, accountability, and transparency.

The talk is based on the paper "Fairness and Transparency in Ranking" published in ACM SIGIR Forum 52(2), p. 64–71, January 2019[1].

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[1] Available at http://sigir.org/wp-content/uploads/2019/01/p064.pdf.