Abstract

A recommendation system is a software program which endeavours to limit determinations for clients in light of their communicated inclinations, past behaviour, or other information which can be mined about the client or different clients with similar interests. This paper proposes a new personalized recommendation model or personalized academic knowledge sharing system based on domain knowledge to emphasize the importance of domain knowledge in recommendation process. We explore user profiling within recommender systems, working on the problem of recommending academic users or employees to share his/her knowledge. We propose a one of a kind semantic based matching approach to portray the similarity of academic employees to share and improve his/her knowledge. This system recommends the persons who have deep knowledge of the domain and research interest appropriately as compare to other state of art system. We used here text mining for extract the research interest.
1. Xing Xie, "Potential Friend Recommendation in Online Social Network", IEEE, 2010
2. Lu Zhen, Hai-Tao Song, Jun-Tao He, "Recommender systems for personal knowledge management in collaborative environments", ELSEVIER, 2012

Index Terms

Computer Science
Artificial Intelligence
Keywords

Academic knowledge sharing system, Recommendation System, Semantic based Matching Approach, Text Mining