



Towards Decentralized Recommender Systems

By Cai-Nicolas Ziegler

VDM Verlag. Paperback. Book Condition: New. Paperback. 160 pages. Dimensions: 8.9in. x 5.9in. x 0.5in. Automated recommender systems make product suggestions that are tailored to the individual needs of the user and represent powerful means to combat information glut. However, their practical applicability has been largely confined to scenarios where information relevant for recommendation making is kept in one single, authoritative node. Recently, novel distributed infrastructures are emerging, e. g. , peer-to-peer networks and the Semantic Web, which could likewise benefit from recommender system services, leading to a paradigm shift towards decentralized recommender systems. In this book, we investigate the challenges that decentralized recommenders bring up and propose techniques to cope with those issues. The spectrum ranges from the use of product classification taxonomies, alleviating the sparsity problem, to trust propagation mechanisms designed to address the scalability issue. Empirical investigations on the correlation of interpersonal trust and interest similarity provide the component glue that melds these results. The book is geared towards academic readers and practitioners alike, with a focus on both implementable algorithms as well as new socio-psychological insights. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Paperback.



READ ONLINE
[6.66 MB]

Reviews

Good eBook and useful one. It is amongst the most remarkable ebook i actually have study. You can expect to like the way the article writer publish this pdf.

-- Prof. Armand Senger DVM

Absolutely essential go through book. It can be rally fascinating throug studying period of time. You wont truly feel monotony at at any time of your respective time (that's what catalogues are for concerning in the event you question me).

-- Roberto Leannon