Pavan Kumar / Vairachilai / Potluri

Recommender Systems

Algorithms and Applications

Recommender systems use information filtering to predict user preferences. They are becoming a vital part of e-business and are used in a wide variety of industries, ranging from entertainment and social networking to information technology, tourism, education, agriculture, healthcare, manufacturing, and retail. Recommender Systems: Algorithms and Applications dives into the theoretical underpinnings of these systems and looks at how this theory is applied and implemented in actual systems. The book examines several classes of recommendation algorithms, including - Machine learning algorithms - Community detection algorithms - Filtering algorithms Various efficient and robust product recommender systems using machine learning algorithms are helpful in filtering and exploring unseen data by users for better prediction and extrapolation of decisions. These are providing a wider range of solutions to such challenges as imbalanced data set problems, cold-start problems, and long tail problems. This book also looks at fundamental ontological positions that form the foundations of recommender systems and explain why certain recommendations are predicted over others. Techniques and approaches for developing recommender systems are also investigated. These can help with implementing algorithms as systems and include - A latent-factor technique for model-based filtering systems - Collaborative filtering approaches - Content-based approaches Finally, this book examines actual systems for social networking, recommending consumer products, and predicting risk in software engineering projects.
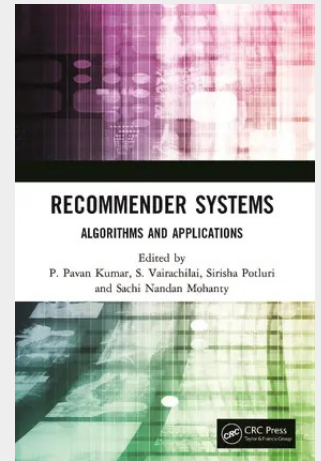
58,50 €
54,67 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9780367631871
Medium: Buch
ISBN: 978-0-367-63187-1
Verlag: Taylor & Francis Ltd (Sales)
Erscheinungstermin: 07.10.2024
Sprache(n): Englisch
Auflage: 1. Auflage 2024
Produktform: Kartoniert
Gewicht: 354 g
Seiten: 248
Format (B x H): 156 x 234 mm