ABSTRACT

Recommender Systems (RSs) are software tools and techniques providing suggestions for items to be of use to a user. In this introductory chapter, we focus on devising a personal recommendation system that will address the needs of users. The literature proposes various types of social recommender systems in the social bookmarking domain, and these might be of different types (e.g., web pages). Recommendations for travel packages, which are not always social, were developed in order to improve personalization. This brief attempts to provide an introduction to recommender systems for TEL settings, as well as to highlight their particularities compared to recommender systems in other domains.

INTRODUCTION

P. Kantor, editors, Recommender Systems Handbook. This brief attempts to provide an introduction to recommender systems for TEL settings, as well as to highlight their particularities compared to recommender systems in other domains.
The modern recommendation system which will not only guide users to understand the system's functionality and acceptance but also to evaluate user acceptance of a recommender system in the real world. The evaluation of the implemented solution and reporting are crucial aspects of the development process.

Collaborative filtering-based recommender systems are among the most widely used systems. They make recommendations based on the preferences of similar users or items. The course covers learning methods for the recommender core, approaches for the design and implementation of recommender systems, and which contains an introduction to Customer Relationship Management and to Recommendation Engines.

Popular journey planning systems, like Google Maps and Yahoo!, rely on recommender systems to provide personalized recommendations to users. Nowadays, recommender systems are known to be effective tools to improve user experience and satisfaction.