Abstract

Everybody rely on recommendations in everyday life from other people either orally or by reviews printed in newspapers or websites. Recommender systems are a subfamily of information filtering systems that explore to predict the 'rating' or 'preference' that user would give to an item. These systems are best known for their use in e-commerce websites where they use input about a customer's interest to generate a list of recommended items. Many recommender systems explicitly rate to represent customer's interest by using only the items that the customers purchase, but can also use other attributes, including items viewed, subject interests and demographic data. They direct users towards those items that meet their needs by reducing unwanted information spaces. To perform recommendation a number of techniques have been proposed, including content-based, collaborative, and hybrid techniques. To improve performance and to outweigh the drawbacks of individual recommendation techniques, these techniques are sometimes combined to form hybrid recommenders. This paper is categorized into seven sections. Section-I presents the introduction related to the recommendation systems used in the social networks and on-line Web systems, section-II critically analyzed the related literature work
about collaborative recommendation, content-based recommendation, and hybrid recommendation, section-III describes the business aspects of recommender systems, section-IV describes various ways of displaying recommendations to a customer, section-V investigates the various recommendations techniques and their limitations and section-VI provides the conclusion of the recommender systems. In this paper the efforts are made to review and discover the techniques to investigate the proper usage of recommender systems in the e-commerce applications.

References

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Index Terms

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