Abstract

The recommender systems are new type of software tools designed to help users find their way through today’s online shops. Due to the increasing number of e-commerce websites, it is necessary to render effective recommendation to the users. Here we present an overview of current recommendation systems and then our proposed system that employs WordNet dictionary in clustering and content based filtration to provide tailored and friendly suggestions to the user. The proposed system is a user-centric approach that analyses the navigation path of the user and clusters the keyword extracted from WordNet to recommend user articles.

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**Index Terms**

Computer Science

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**Keywords**

Recommender systems, WordNet, Clustering, Advanced Kmeans