Abstract

In recent years, E-commerce, web service and web information system have been used explosively. Massive explosion of the world-wide-web and the emergence of e-commerce have encouraged designers to develop recommendation systems. Web users demonstrate a variety of navigational patterns by clicking series of web pages. These patterns can be understood by mining user logs using WUM. One of the widely used applications of Web Usage Mining is Online Recommendation and prediction. Generally, all the recommendation systems follow a framework for generating efficient recommendations. Various recommendation systems use different approaches based on the sources of information they utilize. The accessible sources are user information (demographics), the product information (keywords, genres) and the user-item ratings. This paper gives introductive information about recommendation system, their techniques, and algorithms and also describes some existing works.

**Index Terms**

Computer Science

Information Sciences

**Keywords**

Recommendation System, Knowledge based systems, Web Usage Mining.