Abstract

The growth of World Wide Web is incredible as it can be seen in present days. Users find it very difficult to extract useful and relevant information from the huge amount of information. The
problems can be solved by Web Usage Mining which involves preprocessing, pattern discovery and pattern analysis. Preprocessing is an important process which converts raw web log data into transactions. Application of mining techniques to group user’s behavior for personalization is effectively done on transactions constructed from sessions. Sessionization is the identification of sessions and is defined as a set of pages visited by the same user within the duration of one particular visit to a web-site. In this research paper, a new technique for identifying sessions is being proposed for extraction of user patterns. The experimental results show that the proposed Session Identification technique is an effective one to construct sessions accurately.

Reference

- Jose M. Domenech1 and Javier Lorenzo,”A Tool for Web Usage Mining”, 8th International Conference on Intelligent Data Engineering and Automated Learning, 2007.

Index Terms

Computer Science
Information Retrieval

Key words

Data Cleaning
Log data
Personalization
Sessions

Weight
A Novel Technique for Sessions Identification in Web Usage Mining Preprocessing