Abstract

In the present word web is huge storage of information and it will keep increasing with growing of internet technologies. But the human being capability to read, access and understand content does not increase with that tread. Hence it becomes complex to website owners to present proper information to the users. This led to provide personalized web services to users. One of the well-known approaches in providing web personalization is Web Usage Mining. In this paper, our motive of web usage mining is to discover users’ access patterns of web pages automatically and quickly from the huge server access log records, such as frequently visited hyperlinks, frequently accessed web pages and users grouping. Also, we proposed a new method for discovering users’ access patterns and recommend it to the user.

References

2. Platform for Privacy Preferences (P3P) Project http://www.w3c.org/P3P/
profiles using relational competitive fuzzy clustering.
on web usage mining.
5. Berendt B, August 2001 ,Understanding web usage at different levels of abstraction:
Coarsening and visualizing sequences.
personalization.
7. Bhushan Shankar Suryavanshi, Nematollaah Shiri and Sudhir P. Mudur, 2005,
Incremental Relational Fuzzy Subtractive Clustering for Dynamic Web Usage Profiling.
8. Karen H. L. TsoSutter, Leandro Balby Marinho and Lars Schmidt-Thieme, 2008,
9. Michael Chau and Hsinchun Chen, A machine learning approach to web page filtering
pp.482-494.
10. Rana Forsati, Mohammad Reza Meybodi and Afsoon Rahbar, An Efficient Algorithm
11. Samira Khonsha and Mohammad Hadi Sadreddini, New hybrid web personalization
12. Ya-min WANG, Xue-ling HAN and Xiao-wei LIU, "E-commerce Recommendation
System Based on CBR and Web Log Mining," In Proc. of IEEE 18th International Conference
13. Ilham Esslimani, Armelle Brun and Anne Boyer, "Densifying a behavioral recommender
system by social networks link prediction methods," Springer, Social Network Analysis and
2011, pp 767-777.
Intelligent Recommendation Technique for Web Personalization," In Proc. of Annual IEEE India
16. Tamas Jambor, Jun Wang and Neal Lathia, "Using Control Theory for Stable and
17. Dimitrios Pierrakos, Georgios Paliouras and Yannis Ioannidis, "OurDMOZ: A System for
Personalizing the Web," In Proc. of 6th International Workshop on Personalized Access, Profile
18. Ronaldo Lima Rocha Campos, Rafaela Lunardi Comarella and Ricardo Azambuja
Silveira, "Multiagent Based Recommendation System Model for Indexing and Retrieving
Learning Objects," Springer, Communications in Computer and Information Science Vol.365,
2013, pp.328-339.
A Novel Approach for Web Personalization


Index Terms

Computer Science

Information Sciences

Keywords
Web Usage mining; Web Intelligence; Web Personalization; F-P Growth Tree; Markov Model