



REVIEW ARTICLE

**COMPREHENSIVE FRAMEWORK FOR PATTERN
ANALYSIS THROUGH WEB LOGS USING WEB
MINING: A REVIEW**

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Abstract— *Web server log repositories are great source of knowledge, which keeps the record of web usage patterns of different web users. The Web usage pattern analysis is the process of identifying browsing patterns by analyzing the user's navigational behavior. World Wide Web is a large amount of data provider and a very large source of information. Users are increasing day by day for accessing web sites. For effective and efficient handling, web mining coupled with suggestion techniques provides personalized contents at the disposal of users. Web Mining is an area of Data Mining dealing with the extraction of interesting knowledge from the Web. Here we are presenting a personalization process based on Web usage mining. This paper reviews the process of discovering useful patterns from the web server log file. In this a host of Web usage mining activities required for this process, including the pre-processing and integration of data from multiple sources, and common pattern discovery techniques that are applied to the integrated usage data.*

Key Terms: - *Log Repositories; Web usage pattern; Web server log; Web Mining; Web Personalization, Web-Usage Mining; Data Mining; Personalization and Pattern Discovery*

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