Abstract

Frequent pattern mining plays a major role in mining of web log files. Web usage mining is one of the web mining process that involves application of mining techniques to web server logs to extract the behavior of users. A web usage mining consists of three important phases: data preprocessing, patterns discovery and pattern analysis. In data preprocessing phase the unwanted data are removed and that are structured into necessary format for mining. It enables the user to translate the unprocessed data which is from server log files into useful data. The appropriate analysis of a web server log proves that the websites efficiently from the administrative and users’ prospective. Preprocessing results also more useful for the next phases of web usage mining.

References

Frequent Pattern Mining of Web Log Files Working Principles

4. Christian Borgelt,”Implementation of FP Growth”, osdm publications,
11. Khattak M, KhanA. M., sungyoung lee*, andyoung-koo lee, Analyzing Association Rule Mining and Clustering on sales day Data with XLMiner and Weka
13. Jiawei Han, Ian Pei, Yiwen Tin, Runying Mao, “Mining Frequent Pattern without Candidate Generation: A Frequent Pattern Tree Approach”, Volume-8.
14. Jian Pei, Jiawei Han, Behzad Mortazavi-asl, Hua Zhu, “Mining Access Pattern Efficient from Web Logs”

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