Effective Cleaning of Educational Website Usage Patterns and Predicting their Next Visit

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Abstract

Universities with web education rely on web usage analysis to obtain students behavior for education promotion. The Internet is an information gateway and as a medium for business and education industry. Finding hidden information from Web log data is called Web usage mining. The aim of discovering similar patterns in Web log data is to obtain information about the navigational behavior of the users. Web usage mining, from the data mining aspect, is the task of applying data mining techniques to discover usage patterns from Web data in order to understand and better serve the needs of users navigating on the Web. Web usage mining aim is to find out useful information from the educational weblogs. These useful data pattern are used to analyze behavior of user. The focus of this paper is to generate a cleaning algorithm and provide an overview how to use frequent pattern mining techniques for discovering different types of patterns in a Web log. In this paper we premeditated different pattern for web pages, general statics, activity statics, visitor's statics, browser used

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Effective Cleaning of Educational Website Usage Patterns and Predicting their Next Visit

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