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Mining web usage using FRS (Conference Paper)

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Abstract

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Web Usage Mining (WUM) is the application of data mining methods in extracting potentially useful information from web usage data. Its application includes improving website design, personalised service, target marketing etc. Among the outstanding research issues in WUM include inefficiency in mining large weblogs, extracted patterns that are not representative of actual user behavior, and mining results which are too general, uninteresting and lack insights. This paper attempts to address the above problems using a method of mining that captures user traversing activities more effectively based on the notion of regularity. A mining algorithm is introduced using the approach of vertical database. The experiments suggest that the method is efficient, scalable, and able to address confusion caused by large number of extracted patterns. © 2018 IEEE.

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Topic: Websites | Data mining | session identification

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Author keywords

Data mining Machine learning Sequential pattern Web mining Web usage mining

Indexed keywords

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