Abstract

Pattern mining from the web log data leads to discovery of usage patterns of the user who navigate the web. Patterns which appear frequently in the web log data are item-sets and sequences. In this paper, a novel algorithm Intelligent Generalized Sequential pattern (IGSP) is designed which shows better results than the Generalized Sequential Pattern (GSP) algorithm. Experiment is conducted with respect to running time and number of patterns discovered from the log data and results has shown that IGSP outperforms the well-known algorithms (GSP) algorithm.

References

- Kosala and Blockeel, "Web mining research: A survey," SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery and Data Mining, ACM, Vol. 2, 2000
Index Terms

Computer Science    Data Mining

Keywords

Web Usage Mining  Sequential Patterns  Web Log