Abstract

Regular pattern mining on Incremental Databases is a novel approach in Data Mining Research. Recently closed item set mining has gained lot of consideration in mining process. In this paper we propose a new mining method called CRPMID (Closed-regular Pattern Mining on Incremental Databases) with sliding window technique using Vertical Data format. This method generates complete set of closed-regular patterns with support and regularity threshold values. Our Experimental results show that CRPMID method is efficient in both memory usage and execution time.
References

- Chang and Lee. SWFI-Mining frequent item sets in online data streams with a transaction sliding windows model.
- J. Pei, J. Han, and R. Mao. 2000. CLOSET Mining frequent closed item sets for Association Rules. In Proceedings of International Conference on Data Mining and Knowledge Discovery.

Index Terms

Computer Science
Datamining

Keywords
Closed Patterns  Regular Patterns  Vertical Data  Sliding Window  Incremental Databases