



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_10707
Title of the Manuscript:	Efficient Frequent Pattern Mining using Auto-Associative Memory Neural Network
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	The authors should consider presenting: – a comparison of performances over larger databases and with more fast algorithms, as for instance the LCM algorithm and some other ones from the FIMI and the fastest – a comparison regarding the interest of their approach for the quality of the patterns to discover, as the literature papers agree to consider that support and confidence are not relevant quality measures.	We have modified the manuscript as per the comments. Comparison of proposed algorithm is done with LCM and CT-PRO algorithms with larger datasets like accident dataset from FIMI repository. Comparison for the quality of patterns to discover is done.
Minor REVISION comments	The authors should consider presenting why another algorithm is necessary, as efforts have been made in the last decade and are now over. In this discussion, the authors should motivate why they do not consider approaches for closed pattern mining.	There are still some challenging research issues like reducing search space, handling huge data sets that need to be solved before frequent pattern mining can claim a cornerstone approach in data mining applications.
Optional/General comments	The paper is well written but lacks motivation and comparisons with current challenges as for instance Big Data with complex, stream, voluminous data.	The proposed work is further extended as a part of our research on distributed Hadoop MapReduce framework as per the need of Big Data analysis and is not the scope of this paper.