



**SDI Review Form 1.6**

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|--------------------------|--------------------------------------------------------------------------------------------|
| Journal Name:            | <a href="#">Journal of Advances in Mathematics and Computer Science</a>                    |
| Manuscript Number:       | <b>Ms_JAMCS_39635</b>                                                                      |
| Title of the Manuscript: | <b>Improved FTWeightedHashT Apriori Algorithm on Big Data using Hadoop-MapReduce Model</b> |
| Type of the 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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

**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) |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Compulsory</u></b> REVISION comments | The authors presented an algorithm called FTWeightedHashT Apriority to improve the existing WeightedHashT algorithm [6] by using a Hadoop-MapReduce model. The authors claimed that they experimented with four datasets. But, Table 1 shows an execution time for each of the three algorithms—namely, HashTableTrie [5] and FTWeightedHashT[6] with their FTWeightedHashT. It is unclear which experimented dataset was reported. Besides the execution time, the authors did not compare other asecpts. Moreover, given the number of weighted frequent itemset mining algorithms that have been created, it is also unclear why the authors only compare with Refs. 5 &6. |                                                                                                                                                                               |
| <b><u>Minor</u></b> REVISION comments      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                               |
| <b><u>Optional/General</u></b> comments    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                               |

**Reviewer Details:**

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|----------------------------------|---------------------------------------|
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