

Dear Reviewers and Editor

We have made improvements to our manuscript according to the instructions and suggestions from reviewers and editor. With respect to which parts we have revised and added, the writing is as presented in the following table:

No	Reviewer 1: Suggestions/comments	Response	Page position and fix it
1	This is well written and organized paper. It is scientifically sound and contains sufficient interest to merit publication.	We really appreciate your recognition of our work.	-
2	In the Introduction part, strong points of this proposed method should be further stated and organization of this whole paper is supposed to be provided in the end.	<p>Thanks to reviewer 1 for helpful comments about our work. We have added our articles as follows:</p> <ul style="list-style-type: none"> - The strength of the method proposed in this study is the combination of partitioning and vertical TID-List techniques to improve the performance of the a priori algorithm, which is the novelty of this research. - The sequence of the next writing structure of this manuscript is as follows: the second sub-section discusses related works of previous research results. The third sub-section describes the materials and methods of this study. Meanwhile the fourth sub-section focuses on explaining the results and discussion; which is then closed with the conclusion sub-section. 	<p>In page 2, in section 1 of the Introduction in paragraphs six and seven:</p> <p>.... Moreover, recently most database systems have included the ability to support parallelization[30][12], and there are also recent studies that have started to form the SQL-based Apriori framework [31][32]. The strength of the method proposed in this study is the combination of partitioning and vertical TID-List techniques to improve the performance of the a priori algorithm, which is the novelty of this research.</p> <p>This research aims to integrate the TID-List Vertical approach and data partitioning to find the frequency of itemsets in the Apriori algorithm so that the runtime scan of the dataset can be faster and produce optimal and consistent results rules. The sequence of the next writing structure of this manuscript is as follows: the second sub-section discusses related works of previous research results. The third sub-section describes the materials and methods of this study. Meanwhile, the fourth sub-section focuses on explaining the results and discussion, which is then closed with the conclusion sub-section.</p>
3	“ MapReduce Dan Hadoop ” Typo.	Thank you very much to reviewer 1 for the corrections made and we have fixed them. MapReduce and Hadoop.	In page 4, first paragraph sub number 2.4 : ETDPC-Apriori Based MapReduce and Hadoop.

4	The presentation of figures is not professional. In figures, letters are too small. Enlarge or Redraw figures. e.g. See figure 3.1, 4.1, 4.2, etc.	Thanks to reviewer 1 for helpful comments about our work. We have revised/added our articles. has been corrected from page 3 to page 14, figure, tables, grammar, vocabulary, font sizes, and equations	Has been corrected from page 3 to page 14, figure, tables, grammar, vocabulary, font sizes, and equations
Reviewer 2: Suggestions/comments			
1	Overall, the authors have made a good attempt. However, the reviewer fails to understand the relationship with the conventional techniques. No article is quoted in the comparison part. What's the relationship between the research survey and the comparison target? I cannot understand the meaning of the research survey.	Thanks to reviewer 2 for helpful comments about our work, I was fundamentally wrong, not adding a description of the two methods developed from Xiaomei Yu 2014[34] and Sen Zhang 2015[35].	In page 7, First paragraph: The method proposed by Agrawal and Srikant[11] is still a pure and classical Apriori algorithm where there is no pre-processing, data partitioning approach, and TID-List Vertical so that it purely searches for the frequency of itemset from transaction data. Bi-ECLAT in this study improves the performance of the éclat algorithm with a lattice and prefix-based theory approach to split the original database into a smaller form size so as to speed up the process of scanning datasets by Xiaomei Yu[34]. The FRESTM approach used is a subtree combined with a new candidate generation technique, namely frequent restrictedly embedded subtree miner (FRESTM) by Sen Zhang[35]. Furthermore, the method used by Sudhakar Singh[36] is a method in the form of the MapReduce and Hadoop frameworks released by Google to process big data, which is increasing day by day. Because there are many collections and bases of Apriori algorithms in the framework, the researcher chose the ETDPC-Apriori algorithm to improve its performance. In this framework, data partitioning is applied to large data.....
2	English presentation should be further polished. There are many editing problems (spacing problems) in English.	Thanks to reviewer 2 for helpful comments about our work, We have used professional tools to check for errors, grammar, language structure, and typos in our manuscript. Starting from the first page to the last page.	The English of our manuscript has undergone extensive English editing by checking for grammatical errors, language structure and typographical errors in our manuscript. Starting from the first page to the last page. Note: Improvements to the grammar and language structure of our article manuscripts can be seen in the comments included in the manuscript files.
3	The presentation of this paper does not meet international standards. The authors	Thanks to reviewer 2 for helpful comments about our work, We have corrected it from the first page to the last page, which consists of	We have corrected it from the first page to the last page, which consists of figure, tables, equations, fonts, spacing, grammar,

	should improve the figure and table presentation.	figure, tables, equations, fonts, spacing, grammar, language structure, and typos in our manuscript. Starting from the first page to the last page.	language structure, and typos in our manuscript. Starting from the first page to the last page.
Editor's Feedback/Comments			
1	Please do not use sub-number of figures, such as “Figure 2.1”. The figure number should be set to Figure 1, 2, 3, ... The equation number is also the same.	Thank very much to the editors for helpful comments on our work. We have corrected it from the first page to the last page, which consists of figure, tables, equations, fonts, spacing, grammar, language structure, and typos in our manuscript. Starting from the first page to the last page.	We have corrected it from the first page to the last page, which consists of figure, tables, equations, fonts, spacing, grammar, language structure, and typos in our manuscript. Starting from the first page to the last page.
2	Please add one blank line around all equations.	Thank very much to the editors for helpful comments on our work. we've added one blank line around all the equations.	We have added one blank line around all the equations.
3	Please unify the font size of all tables to 10pt.	Thank very much to the editors for helpful comments on our work. we've unify the font size of all tables to 10pt from table 1 to table 5	We have unify the font size of all tables to 10pt from table 1 to table 5
4	Please improve the reference format. This is very important for indexing service. If you did not follow the following format, your paper will be rejected automatically. *Do not use “et al.” in author names. e.g. [1] R. Ruskone, S. Airault, and O. Jamet, “Vehicle Detection on Aerial Images”, International Journal of Intelligent Engineering and Systems, Vol.1, No.1, pp.123-456, 2009. (In the case of Journal Papers)	Thank very much to the editors for helpful comments on our work. we've fixed on the reference section.	We have fixed on the reference section.

	<p>[2] R. Ruskone, L. Guigues, S. Airault, and O. Jamet, “Vehicle Detection on Aerial Images”, In: Proc. of International Conf. On Pattern Recognition, Vienna, Austria, pp.900-904, 1996. (In the case of Conference Proceedings) *Note: e.g. In the case of the author name:"John Doe", express as "J. Doe". ("John" is the first name and "Doe" is the family name.)</p>		
5	<p>Please add “Conflicts of Interest” and “Author Contributions”. (see the IJES format.docx)</p> <p>Conflicts of Interest (Mandatory) Declare conflicts of interest or state “The authors declare no conflict of interest.” Authors must identify and declare any personal circumstances or interest that may be perceived as inappropriately influencing the representation or interpretation of reported research results.</p>	<p>Thank very much to the editors for helpful comments on our work. We have added “Conflict of Interest” to our manuscript as follows: The authors declare no conflict of interest.</p>	<p>In page 14, column 2 Conflicts of Interest The authors declare no conflict of interest.</p>
6	<p>Author Contributions (Mandatory) For research articles with several authors, a short paragraph specifying their individual contributions must be provided. The following statements should be used as follows: “conceptualization, XXX and YYY; methodology, XXX; software, XXX; validation, XXX, YYY, and ZZZ; formal analysis, XXX; investigation, XXX; resources, XXX; data curation, XXX; writing—original draft preparation,</p>	<p>Thanks to the editors for helpful comments on our work. We have added “Author Contributions” to our manuscript as follows: All authors participated in completing this study and writing this article. The level of roles and tasks of research work is the basis for placing each correspondent/first author and second author.</p>	<p>In page 14, column 2 Author contributions All authors participated in completing this study and writing this article. The level of roles and tasks of research work is the basis for placing each correspondent/first author and second author.</p>

XXX; writing—review and editing, XXX; visualization, XXX; supervision, XXX; project administration, XXX; funding acquisition, YYY”, etc. Authorship must be limited to those who have contributed substantially to the work reported.		
---	--	--

Hopefully what we have done fulfills the wishes of the reviewers and editor of the International Journal of Intelligent Engineering and Systems. Thank you very much. God bless you.

Sincerely yours
Moch. Syahrir