

Review Form3

Book Name:	Science and Technology: Developments and Applications
Manuscript Number:	Ms_BPR_3879
Title of the Manuscript:	Performance Analysis of Priority Based Memory Balancing Techniques in IoT using Machine Learning
Type of the Article	Book chapter

PART 1: Comments

	Reviewer's comment	Author's Feedback(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimumof 3-4 sentences may be required for this part.	There is a lot of great potential embedded in this research work. It clearly emphasised the application of marchine learning for memory management in IoT devices. There is also a distinctive approach to memory allocation and optimisation in the IoT infrastructures.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes. The title is suitable indeed.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The content of the abstract requires that we are able to read the outcomes of the results of memory allocation or optimisation of IoT infrasructres or devices using machine learning which is currently absent. In addition, all the ACRONYS written under the KEYWORDS must be well-defined. In other words, there should be no ACRONYS under the keywords of the abstract.	
Is the manuscript scientifically, correct? Please write here.	Yes. It is expected that the methods/methodologies/machine learning simulation employed are well documented in the body of the research work. It is expected that clear description of results obtained are written under the section dedicated for RESULTS Section 2 should read "RECENT RELATED WORKS" Section 3 and 4 should be combined together to form SECTION 3. Section 3 should now read "THEORETICAL FRAMEWORKS ON MACHINE LEARNING AND MEMORY MANAGEMENT" Section 5 an 6 should be combined together to form SECTION 4. Section 4 should read "METHODS OF MEMORY MANAGEMENT USING MACHINE LEARNING" The machine learning models and simulation technique must be sufficiently analysed and presented. Section 6 shoud be changed to 5 Section 5 now should read "COMPARATIVE RESULTS ANALYSIS OF MEMORY MANGEMENT" Results of the machine learning must be clearly explained and analysed under this section. Section 7 should be changed to 6. Section 6 shoul now read "DISCUSSIONS ON MEMORY MANAGEMENT USING MACHINE LEARNING" The performance evaluation analysis has to be included in this section. Section 7 should read "CONCLUSION" In other words, the conclusions must be developed anew for the manuscript.	

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Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	Yes. My observation shows that there is only one recent work of year 2020 currently on this list. In addition, references used in the section of “RECENT RELATED WORKS” must be included. More recent related works has to be included to make this sections more robust.	
Is the language/English quality of the article suitable for scholarly communications?	Yes.	
Optional/General comments	There is need for the author to comply with the observations highlighted and do the needful.	

PART 2:

	<u>Reviewer’s comment</u>	<u>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)</u>
<u>Are there ethical issues in this manuscript?</u>	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	

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