

Review Form 3

Journal Name:	Asian Journal of Research in Computer Science
Manuscript Number:	Ms_AJRCOS_120764
Title of the Manuscript:	Advanced Battery Management: Forecasting Health, State of Charge & Maintenance Needs Using AI & ML Models (LSTM, Gradient Boosting, SVR, Random Forest)
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION 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 few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.	I liked the manuscript because it describes a series of processes for managing the properties of batteries used in electronic devices and electric cars. The analyses using computational methods, including machine learning methods, of the batteries of several manufacturers are provided, from which it can be seen the capacities of charge accumulation, the current generation, and temperature behaviour against time, beyond others, of several kinds of batteries. This makes the manuscript highly relevant to the battery manufacturing and studying scientific community.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes.	
Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.	Yes.	
Are subsections and structure of the manuscript appropriate?	Yes.	
Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.	I think this manuscript is scientifically robust and technically sound because its format is appropriate for scientific communication in a very applied branch. There are several enumerated sections and subsections and also a complete list of the several terms and abbreviations used in the manuscript is provided.	
Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. :	Yes. However, the format must be corrected to follow the style recommended in the Author's Guide of this journal. For example: 1. Hilly M, Adams ML, Nelson SC. A study of digit fusion in the mouse embryo. Clin Exp Allergy. 2002;32(4):489-98.	
Minor REVISION comments Is language/English quality of the article suitable for scholarly communications?	Yes.	
Optional/General comments	The manuscript may be considered for publication in this journal after a minor correction in the References format is done.	

PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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Reviewer Details:

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