

Review Form 1.7

Journal Name:	Asian Journal of Research in Computer Science
Manuscript Number:	Ms_AJRCOS_116669
Title of the Manuscript:	Comparative Analysis of Machine Learning Algorithms for Liver Disease Prediction: SVM, Logistic Regression, and Decision Tree
Type of the Article	Research Paper

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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)
<p><u>Compulsory</u> REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The manuscript will help future researchers in analysing better algorithm for liver diseases</p> <p>Its optional, it would be better if authors skip name of algorithms in the title like Comparative Analysis of Machine Learning Algorithms for Liver Disease Prediction</p> <p>The authors are suggested to first introduce the topic and then write about other details in the article.</p> <p>Some sections need improvement</p> <p>Need to improve, suggestions given below</p> <p>The references should be related to theme of the paper so that they will contribute in improving the quality of paper.</p> <p>1.The format of references does not match with the instructions given. References must be listed at the end of the manuscript and numbered in the order that they appear in the text. Every reference referred in the text must also present in the reference list and vice versa. In the text, citations should be indicated by the reference number in brackets [3].</p> <p>2. The authors should mention architectural details of the algorithm used for prediction of liver disease apart from their general working. As what parameter they have used while implementing their algorithm. For example- Type of kernel used, regularisation and other parameter in case of SVM or any other algorithm used.</p> <p>3. In literature review, only related paper should be taken into consideration as there are certain articles which seem to be unrelated to research domain.</p> <p>4. The authors should mention proper citation as from where in Kaggle they have taken their dataset.</p> <p>5. The authors should compare their work with others researchers work which are recent, same dataset or same domain to have better understanding.</p> <p>6. The authors should mention limitations of their work in more concise manner</p> <p>7. It would be better for readers if results, comparative analysis are shown in the form of tables/charts/graphs.</p> <p>8. It seems same lines are repeated in Results, Discussion and Comparative analysis section</p>	

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Minor REVISION comments		
1. Is language/English quality of the article suitable for scholarly communications?	YES	
Optional/General comments		

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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