

### Review Form 3

Journal Name:	<b>Journal of Engineering Research and Reports</b>
Manuscript Number:	<b>Ms_JERR_120837</b>
Title of the Manuscript:	<b>Effectiveness of Machine Learning Algorithms in Predicting Financial Market Movements</b>
Type of the Article	

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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#### PART 1: Review Comments

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> (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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The submitted manuscripts provide the valuable ideas for the stock forecasting using machine learning approaches. The machine learning algorithm and mathematical models used will enhance the scientific community.	
Is the title of the article suitable? (If not please suggest an alternative title)	Good	
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.	Can still improve the technical content and include the evaluation metrics	
Are subsections and structure of the manuscript appropriate?	1. Literature survey is drafted well, 2. Improve the data pre-processing stages(detailed explanation) 4. stress on feature extraction process. 3. ML algorithms implementation details to be included and mention which attribute is essential for stock prediction. 4. Experimental analysis section to be improved.	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The article demonstrate the growing area (Stock forecasting), which 75% technically sounds good	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. -	Sufficient	
<b>Minor</b> REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes	
<b>Optional/General</b> comments	1. The manuscript is potential for acceptance with revision. 2. As the financial forecast depends on the different factors, take the technical measure to showcase. 3. It's the survey paper, comparing the ML algorithms.	

#### PART 2:

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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>	

#### Reviewer Details:

Name:	Revathi S
Department, University & Country	Reva University, India