

Review Form 3

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_122969
Title of the Manuscript:	Stock price predictions using the N-BEATS deep learning architecture
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 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 use of artificial intelligence in modelling economic phenomena/processes adds value to research results. The assessed manuscript aims to evaluate the efficiency of using different AI tools in forecasting time series. For empirical research, the closing prices of S&P 500 stocks for the period January 1, 2018 to April 30, 2023 are used. These data are processed with a specific deep learning architecture (N-BEATS). The aim is to make the most accurate forecast of stock prices. The topic addressed is topical, being of interest to both researchers and practitioners.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title of the article is appropriate.	
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 abstract is appropriate. After an introduction to the topic, the authors point out the objective of the research, the tools used and the results obtained. Details on the practical implications of the research are also provided.	
Are subsections and structure of the manuscript appropriate?	Overall, the manuscript is well organized.	
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 manuscript is scientifically sound. The literature review relates to the results of recent studies. The results of empirical research are relevant and highlight the advantages of using the proposed technique.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	References are relevant and sufficient.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	<p>The manuscript is well-organized, documented, and argued in terms of research methodology. The manuscript suffers a slight imbalance between the IT aspects (which are predominant) and the financial aspects (which are less explained). The authors must verify the correctness of the use of the expression "potato price". "This partitioning strategy enables a comprehensive analysis of potato price dynamics, ensuring robust model performance evaluation across both subsets."</p> <p>Authors must point out which is the unit of measurement for S&P stock quotations (only "Rs." appears in the paper). The authors must provide more details on how to make practical use of research results (e.g.: the situation of investors who do not have access to these predictive tools should be taken into account). Authors must present the limits of research and future research directions.</p>	

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
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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