

Review Form 3

Journal Name:	Asian Journal of Advanced Research and Reports
Manuscript Number:	Ms_AJARR_130010
Title of the Manuscript:	Understanding the Impact of Algorithmic Trading on Indian Financial Markets: A Quantitative Analysis
Type of the Article	Research Article

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 minimum of 3-4 sentences may be required for this part.	The manuscript examines the impact of algorithmic trading on Indian financial markets, a subject of growing importance due to its profound implications for market efficiency, liquidity, and stability. It offers valuable quantitative insights into the dual nature of algorithmic trading—its advantages in improving market operations and its potential risks, such as volatility and flash crashes. The findings can inform regulatory strategies and inspire further research into balancing innovation and market integrity. The study bridges a critical gap in the literature by providing a focused analysis of algorithmic trading in an emerging market context, making it highly relevant to academics, policymakers, and practitioners.	The present research is useful for the different stakeholder, researcher, policy maker parishioner, students and academic world. The reviewer comments valuable and add in the papers.
Is the title of the article suitable? (If not please suggest an alternative title)	The title accurately reflects the content of the manuscript. However, for greater precision, consider revising the title to: "The Impact of Algorithmic Trading on Indian Financial Markets: A Comprehensive Quantitative and Regulatory Analysis."	Not need of change the title because it reflects and justifying the objective of the paper.
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 well-structured but could benefit from a brief mention of the study’s methodology and key quantitative findings. For instance, include specific metrics, such as the growth in algorithmic trading volumes or improvements in liquidity indicators like the bid-ask spread.	Using a mixed-methods approach, the study combines quantitative analysis of historical trading data from the Bombay Stock Exchange (BSE) and National Stock Exchange (NSE) with qualitative insights from regulatory filings and industry reports. The study employed the time series analysis, event studies and regression analysis techniques for analyzed the Market volatility (standard deviation of returns), liquidity (bid-ask spread), and trading volumes.
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically sound and provides a robust analysis of the topic. However, it could benefit from a deeper discussion of the causality between algorithmic trading and market volatility during flash crashes, supported by statistical evidence.	Add the data
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are sufficient and include several recent studies.	Add the most recently reference
Is the language/English quality of the article suitable for scholarly communications?	The language is clear and suitable for scholarly communication. However, some sentences in the "Regulatory Landscape" section could be refined for greater clarity and conciseness.	Changed the regulatory landscape section
Optional/General comments	No ethical issues have been identified in this manuscript. The study is based on publicly available data, and no sensitive or personal data are involved. No competing interest issues are apparent. The manuscript appears to be an independent and unbiased analysis. No plagiarism concerns have been raised. The manuscript appears original, with appropriate citations and references.	Thank you.

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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?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	