

Review Form2

Book Name:	Science and Technology - Recent Updates and Future Prospects
Manuscript Number:	Ms_BPR_2135
Title of the Manuscript:	IMPROVING A STUDENT'S ACADEMIC PERFORMANCE: THE APPLICATION OF MACHINE LEARNING AND BIG DATA ANALYTICS
Type of the Article	Book chapter

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 minimumof 3-4 sentences may be required for this part.	The manuscript explores the application of machine learning and big data analytics to enhance student performance in South Africa's higher education context. This is significant as it addresses critical issues such as personalized support and resource constraints. While the manuscript provides a comprehensive theoretical framework and data analysis approach, it lacks practical implementation or real-world application examples within South African higher education institutions.	
Is the title of the article suitable? (If not please suggest an alternative title)	Enhancing Student Performance in South African Higher Education through Machine Learning and Big Data Analytics: A Theoretical Framework Can mention theoretical framework in title to help reader understand paper has only theoretical aspects.	
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 comprehensive and well-structured. It clearly outlines the research objectives, methodology, and the potential impact on South African higher education. But, there are no key findings or insights to give a complete overview of the study.	
Are subsections and structure of the manuscript appropriate?	No	
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 minimumof 3-4 sentences may be required for this part.	Its just a theoretical paper where in data analysis of open source dataset is rewritten.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :-	NO, use recent references from good scopus indexed journals.Suggested additions could include recent articles from journals like "Journal of Educational Data Mining", "Computers & Education" and JEELR	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The language and English quality of the article are generally suitable for scholarly communication. Minor grammatical corrections and stylistic improvements could enhance readability.	
Optional/General comments	Case studies or practical examples of the proposed framework's implementation in South African universities could provide more depth and practical insights.	

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>	

Reviewer Details:

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