

### Review Form 3

Journal Name:	<a href="#">Journal of Scientific Research and Reports</a>
Manuscript Number:	Ms_JSRR_127894
Title of the Manuscript:	<b>Machine Learning and Deep Learning Algorithms for Aspect-Based Sentiment Analysis in Education</b>
Type of the Article	research article

#### **PART 1: Comments**

	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>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.</b>	This manuscript is important as it provides a detailed evaluation of Machine Learning and Deep Learning models for Aspect-Based Sentiment Analysis in education. Its findings, particularly highlighting BERT's superior performance, offer valuable insights for improving feedback analysis and targeted educational enhancements. This research contributes significantly to advancing sentiment analysis techniques and their applications in educational settings.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	The title is suitable, but it could be refined for clarity.  <b>Alternative title:</b> "Comparative Analysis of Machine Learning and Deep Learning Models for Aspect-Based Sentiment Analysis in Education."	
<b>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.</b>	The abstract is comprehensive, covering the key elements of the study, including the focus on Aspect-Based Sentiment Analysis (ABSA), the comparison of Machine Learning (ML) and Deep Learning (DL) models, and the emphasis on BERT's superior performance.	
<b>Is the manuscript scientifically, correct? Please write here.</b>	The manuscript appears scientifically correct, addressing ABSA in education using appropriate ML and DL models, including BERT. To confirm rigor, ensure details on the dataset, methodology, reproducibility, and statistical validation are well-documented. If these aspects are clear, the study is scientifically sound.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	The references provided are largely sufficient, covering foundational and recent works relevant to Aspect-Based Sentiment Analysis (ABSA), machine learning, and deep learning in educational contexts. However, include additional recent studies (2021–2024) that explore BERT and transfer learning in ABSA or similar domains, as this is a focus of the manuscript.	
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	The language quality is generally suitable for scholarly communication but could benefit from minor improvements in grammar, clarity, and consistency. A final round of proofreading would help refine sentence structure and ensure the text is clear and formal throughout.	
<b>Optional/General</b> comments	<b>No, there are no competing interest issues in this manuscript</b> <b>No, there are no ethical issues in this manuscript</b>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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