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| Book Name: | [Language, Literature and Education: Research Updates](https://www.bookpi.org/bookstore/product/language-literature-and-education-research-updates-vol-1/) |
| Manuscript Number: | **Ms\_BPR\_4909** |
| Title of the Manuscript: | **A Computational Approach to Special Education: Evaluating the Impact of AI-Based Personalized Learning Systems on Academic Achievement and Developmental Milestones in Students with Disabilities** |
| Type of the Article | **BOOK CHAPTER** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | 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 chosen topic represents a field with strong social relevance. Educational institutions using AI-based personalized learning platforms deliver customized support to disabled children enabling them to achieve academic possibilities alongside important educational growth goals. The study presents the capability to transform special education practices which would lead to better academic results for students who previously failed in conventional education methods.** |  |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **The title is suitable and effectively addresses the research carried out by the author** |  |
| 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 , but it is mentioned that paired t test is used, which is not used in the analysis. Instead Machine Learning Methods**  **Predict Learning Progress (Regression)**  **Classify Student Outcomes (Classification)**  **Are used……. So this needs to be incorporated in the abstract** |  |
| **Is the manuscript scientifically, correct? Please write here.** | **Yes the manuscript is scientifically correct. Statistically tested - Average Learning Progress**, **Average Engagement Level**, **Average Feedback Quality. Followed by machine learning models. This makes the analysis robust and apt.** |  |
| **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 recent but it is suggested that ne standard methods of referenceing is followed. Either MLA or Havard. First 16 references are in a different format as compared to the next few references.** |  |
| Is the language/English quality of the article suitable for scholarly communications? | **Yes, the English quality is good and suitable.** |  |
| Optional/General comments | **Overall the paper is a good attempt in addressing the research question as specified. The purpose of this study is to explore the effectiveness of AI interventions in special education by analyzing the impact of these systems on the academic progress of students with disabilities. As specified in the introduction , Paired t test is not shown in the results and discussion. Kindly remove it** |  |

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| **PART 2:** | | |
|  | Reviewer’s comment | Author’s comment *(if agreed with the 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?** | *(If yes, Kindly please write down the ethical issues here in detail)*  No |  |

**Reviewer details:**

**Manjunath S, Patel Institute of Science and Management, India**