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[iJEP] Editor Decision

1 message

Prof. (Ass.) Sébastien Jacques via Online-Journals.org <noreply@journals.publicknowledgeproject.org> Tue, Jul 2, 2024 at 10:42 PM
Reply-To: "Prof. (Ass.) Sébastien Jacques" <sebastien.jacques657@gmail.com>
To: Pratya Nuankaew <pratya.nu@up.ac.th>, "Wongpanya S. Nuankaew" <wongpanya.nu@up.ac.th>

iJEP ID 50245

02-July-2024

Dear coauthors,

Thank you for choosing the iJEP Journal as the international forum to communicate your scientific research on engineering pedagogy entitled "Hybrid Learning Model to Facilitate University Students' Learning Using Text Mining Analytics " (iJEP ID 50245).

Following the expertise of your manuscript, the decision that has been taken is: **Major Revisions Required**.

In preparing your resubmission, please take into consideration the following advice and comments from our reviewers.

Please also include a table indicating how you responded point by point to each of the Editor's and reviewers' questions listed below.

Looking forward to receiving your resubmission in the near future.

Stay fit and healthy!

Kind regards,

Associate Professor Sébastien Jacques

Editor - iJEP journal

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Reviewer A:

This study investigates hybrid learning modes in the post-covid -19 period and explores learning styles. For achieving the above, the authors have created prediction models with promising results.

The article is very interesting, the level of English language is overall understanding. This article fits in the scope of IJEP Journal.

Some comments are addressed to the authors for improving the quality of their manuscript:

The literature review section is based on 23 articles, all of them quite recent and relevant to the investigated topic. Nevertheless, the authors are suggested to elaborate further on their literature review section, especially on the pandemic period, as most of the "lessons learned" have been retrieved from the exclusive online teaching period. Some relevant articles may be found below

1. Kanetaki, C. Stergiou, G. Bekas, C. Troussas, and C. Sgouropoulou, "The impact of different learning approaches based on MS Teams and Moodle on students' performance in an on-line mechanical CAD module," *Glob. J. Eng. Educ.*, vol. Volume 23, no. Number 3, pp. 185–190, Oct. 2021, doi: 10.5281/zenodo.5599478.

[2] Z. Kanetaki, C. Stergiou, G. Bekas, C. Troussas, and C. Sgouropoulou, "Creating a Metamodel for Predicting Learners' Satisfaction by Utilizing an Educational Information System During COVID-19 Pandemic," *Nov. Intell. Digit. Syst.*, pp. 127–136, 2021, doi: 10.3233/FAIA210085.

[3] Z. Kanetaki, C. Stergiou, G. Bekas, S. Jacques, C. Troussas, C. Sgouropoulou, and A. Ouahabi, “Acquiring, Analyzing and Interpreting Knowledge Data for Sustainable Engineering Education: An Experimental Study Using YouTube,” *Electronics*, 11(14), 2210, 2022, doi: 10.3390/electronics11142210.

[4] Z. Kanetaki, C. Stergiou, C. Troussas, and C. Sgouropoulou, “Developing Novel Learning Spaces Through Social Media Channels for Sustainable CAD Engineering Education,” in *Novel & Intelligent Digital Systems: Proceedings of the 2nd International Conference (NiDS 2022)*, A. Krouska, C. Troussas, and J. Caro, Eds., in Lecture Notes in Networks and Systems. Cham: Springer International Publishing, 2022, pp. 359–371. doi: 10.1007/978-3-031-17601-2_35.

Most publications cited are gathered in the “literature review” section. The remaining text lacks of scientifical background that could be provided by finding citations in all chapters. For example, “students’ satisfaction” is a standalone topic, widely investigated, that needs literature review.

Post Covid-19 period should be investigated as well, several authors have investigated hybrid learning modes and created prediction models

The methodology is well explained, statistical tests have been applied in order to solidify the results of this study. The results have been discussed

I understand that +/-3.95% represents one of the limitations of this study. Would the authors consider following up on this process in order to limit the +/-3.95% as future work projects? Future work may also be explained more in detail in the conclusion section.

Overall, this paper is good but some points need to be furtherly elaborated in order to point out the significance of this manuscript

Recommendation: **Major Revisions Required**

Reviewer C:

To improve this contribution here are some critiques and suggestions:

1) Clarity and Structure

- The article lacks clear structuring, particularly in the introduction and literature review sections. Transitions between sections are not smooth.
- There are repetitions, especially regarding the research objectives.

-->Revise the organization of sections to ensure a logical progression of ideas. For example, after the introduction, have a distinct section for research objectives followed by a more critical literature review.

2) Language and Grammar

- There are grammatical errors and awkward sentences that make the reading difficult.

-->Review and correct grammatical and syntactical errors. Use shorter, clearer sentences to improve readability.

3) Depth of Analysis

- The results section could benefit from a deeper analysis. Conclusions are presented in a general manner without detailed discussion on the implications and limitations of the findings.
- **-->Add subsections in the results section to discuss different dimensions of the study (e.g., effectiveness of models, differences between learning styles).**

4) Literature Review

- The literature review is too descriptive and lacks critical analysis. It would be beneficial to compare the results of previous studies with your own findings to highlight the specific contributions of your study.
- **-->Compare and contrast previous studies with your results. Discuss similarities and differences and what they mean for your field of research.**

5) Discussions and Conclusions

- Develop a separate discussion section where you interpret the results, discuss practical and theoretical implications, and suggest directions for future research.
- Conclude with concrete recommendations for educators and academic institutions on implementing text mining prediction models.

Recommendation: **Major Revisions Required**

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