View Reviews

Paper ID
252

Paper Title
A Data-Driven Insight to Enhancing Stress Management Through Chatbot Interaction Among Undergraduate Students.

Reviewer #2

Questions

1. Technical Quality (Technical contribution in the proposed method, results and comparative performance)
Good (4)

2. Presentation Quality (IEEE conference format- 2 column; Figures- readable, axis, legend; Tables- readable, units)
Good (4)

3. Clarity (Quality of English, background study, clear description of the concept and methodology, visible contribution, explanation of results/findings and detailed analysis)
Average (3)

4. References and Literature Survey (Relevance, quality, publication year of references, if the references are properly cited, if major references are missing. Please notify authors in the comment section, if they do not consider recent publications or miss major references in the literature survey.)
Average (3)

5. Relevance [Please separately mention in the comment section, if the paper does not fall within the scope of this conference: Electrical and Computer Engineering]
Excellent (5)

6. Comments to the authors (Your suggestions are extremely important for the authors to improve the quality of the paper. We humbly request you to provide feedback to authors.)
The study investigates the integration of machine learning and chatbot interaction for stress management among undergraduate students, a relevant and timely topic. However, there are a few areas that could improve the overall quality:

1. While the methodology is sound, further clarification on how model performance is optimized, particularly for algorithms like Decision Tree and Random Forest, would be beneficial. Additional information on model interpretability features would add depth to

the technical contribution.

2. The paper has minor formatting inconsistencies in tables and figures. Ensuring alignment with IEEE standards and more descriptive figure captions would improve readability and professionalism.

3. Some sections, particularly those covering data preprocessing and model comparison, are complex and could benefit from simplified explanations. Clearer segmentation of technical details from general descriptions would enhance readability.

Reviewer #3

Questions

1. Technical Quality (Technical contribution in the proposed method, results and comparative performance)
Excellent (5)

2. Presentation Quality (IEEE conference format- 2 column; Figures- readable, axis, legend; Tables- readable, units)
Excellent (5)

3. Clarity (Quality of English, background study, clear description of the concept and methodology, visible contribution, explanation of results/findings and detailed analysis)
Excellent (5)

4. References and Literature Survey (Relevance, quality, publication year of references, if the references are properly cited, if major references are missing. Please notify authors in the comment section, if they do not consider recent publications or miss major references in the literature survey.)
Excellent (5)

5. Relevance [Please separately mention in the comment section, if the paper does not fall within the scope of this conference: Electrical and Computer Engineering]
Excellent (5)

6. Comments to the authors (Your suggestions are extremely important for the authors to improve the quality of the paper. We humbly request you to provide feedback to authors.)
The study is commendable for its innovative approach to stress management using technology. It would be beneficial for the paper to discuss potential limitations of the study, such as the generalizability of the findings to other student populations or educational contexts.
It may also be useful to explore the long-term impacts of the proposed interventions

on student stress levels and academic performance to provide deeper insights into the effectiveness of these technological solutions.