

Review Form 3

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_120464
Title of the Manuscript:	Interdisciplinary Applications of AI: Dermatology and Psychology
Type of the Article	

Review Form 3

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write few sentences regarding the importance this manuscript for scientific community. Why do you like (or dislike) this manuscript? Minimum 3-4 sentences may be required for this part.</p>	<p>This manuscript is a significant contribution to the scientific community, particularly for those interested in the convergence of artificial intelligence (AI) with healthcare disciplines such as dermatology and psychology. It provides a comprehensive overview of how AI can enhance diagnostic accuracy, optimize treatment plans, and even improve mental health interventions. The manuscript also highlights the potential for AI to foster holistic healthcare models by integrating insights from both physical and mental health, making it a valuable resource for developing future interdisciplinary healthcare solutions. I appreciate the manuscript's depth in exploring the practical applications of AI across two distinct yet increasingly interconnected fields. The use of AI to improve diagnostic accuracy and tailor treatment plans in dermatology, alongside its applications in mental health crisis management and therapy personalization, are well-articulated. However, the manuscript would benefit from a more critical examination of the limitations and ethical considerations of AI in these areas, such as data privacy issues and the potential for algorithmic bias.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title "Interdisciplinary Applications of AI: Dermatology and Psychology" is appropriate as it clearly reflects the manuscript's content, focusing on the intersection of AI with these two fields. It succinctly captures the essence of the paper and is likely to attract the intended academic audience.</p>	
<p>Is the abstract of the article comprehensive? Do you suggest addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>The abstract provides a robust summary of the manuscript's content, effectively outlining the key focus areas and implications of AI in dermatology and psychology. However, it could be enhanced by including a brief mention of the potential challenges or limitations associated with these applications, providing a more balanced view.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The manuscript is well-structured, with clear subsections that logically progress from a general introduction of AI in healthcare to specific applications in dermatology and psychology. This organization helps in understanding the breadth of AI's impact in these fields. The figures are well-placed and contribute effectively to illustrating key points.</p>	
<p>Please write few sentences regarding the scientific correctness of this manuscript. Why do think that this manuscript is scientifically robust and technically sound? Minimum 3-4 sentences may be required for this part.</p>	<p>The manuscript is scientifically robust, with a solid foundation in recent research and practical applications of AI. The references to specific algorithms and their uses in real-world settings lend credibility and technical soundness to the paper. The detailed discussion on the transformation of dermatological practices and mental health interventions through AI showcases a thorough understanding of the subject matter.</p>	
<p>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p>	<p>The references are extensive and recent, demonstrating a comprehensive survey of the existing literature. Additional references could include recent meta-analyses on the effectiveness of AI applications in healthcare, which would provide a broader context and support the claims made in the manuscript.</p>	

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<p>Minor REVISION comments</p> <p>Is language/English quality of the article suitable for scholarly communications?</p>	<p>The language and English quality of the article are suitable for scholarly communication. The technical terminology is appropriate for an academic audience, and the writing is clear and concise.</p>	
<p><u>Optional/General</u> comments</p>	<p>Minor Revision Comments:</p> <ol style="list-style-type: none">1. Consider adding a section or discussion on the ethical considerations and potential biases in AI applications within these fields.2. A few typographical errors need correction for better readability. <p>Overall, the manuscript is a commendable effort in bridging AI technology with practical healthcare applications. It effectively highlights both the transformative potential and the challenges of integrating AI into diverse medical fields.</p>	

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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

Name:	Ashish K. Saxena
Department, University & Country	US