

Review Form 3

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_130153
Title of the Manuscript:	Investigating the Feasibility and Risks of Leveraging Artificial Intelligence and Open Source Intelligence to Manage Predictive Cyber Threat Models
Type of the Article	

PART 1: Comments

	Reviewer’s comment	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.	This manuscript offers valuable insights into integrating AI and OSINT for predictive threat modeling in cybersecurity. It highlights the effectiveness of AI-driven models in identifying threats while addressing challenges like data bias and adversarial manipulation. The research contributes to enhancing AI reliability and provides practical solutions for improving cybersecurity, making it a significant addition to the field.	Thanks for the comments.
Is the title of the article suitable? (If not please suggest an alternative title)	The title of the article is generally suitable as it reflects the core focus of the manuscript. However, a slight revision for clarity and specificity might be considered, such as adding a reference to the application of AI and OSINT in cybersecurity. A suggested alternative could be: "Leveraging AI and OSINT for Predictive Cybersecurity Threat Modeling."	Thanks noted.
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 provides a good summary of the manuscript's aims and methods. It succinctly outlines the objectives and results but could benefit from more clarity on the ethical considerations and implications of the findings. Adding a brief mention of the limitations or potential risks of the AI and OSINT integration would make the abstract more comprehensive.	
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically correct and adheres to sound methodology. The analysis of OSINT data through AI models is well-documented and supported by appropriate statistical tools, such as logistic regression and multivariate analysis. The results align with current trends in cybersecurity research, making it a valuable contribution.	Thanks for the comments.
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are generally sufficient and relevant, with recent sources that support the methodology and findings. However, some areas could benefit from additional references, particularly concerning ethical issues in AI-driven cybersecurity models and the integration of adversarial defenses in predictive models.	Thanks for the comments.
Is the language/English quality of the article suitable for scholarly communications?	The language and English quality of the manuscript are overall clear and well-structured. However, there are some areas where sentence flow could be improved, and certain technical terms could benefit from further clarification. Minor revisions in phrasing could enhance readability without altering the scientific content	
Optional/General comments	It presents a solid foundation but requires significant improvements in areas like clarity, methodology, and handling of ethical implications. After these revisions are made, it has the potential to be suitable for publication.	Thanks for the comments.

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