

Review Form 3

Journal Name:	Asian Journal of Research in Computer Science
Manuscript Number:	Ms_AJRCOS_130099
Title of the Manuscript:	AI-Driven Open Source Intelligence in Cyber Defense: A Double-Edged Sword for National Security
Type of the Article	Original Research Article

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PART 1: 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>
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.	<p>Importance of the Manuscript:</p> <p>This manuscript is of immense importance to the scientific community. It provides a profound understanding of how AI-driven OSINT can enhance cyber defense capabilities while addressing the associated risks. The inclusion of relevant and timely case studies, such as the Colonial Pipeline ransomware attack and the Russia-Ukraine conflict, adds significant practical value. Moreover, the recommendations for ethical and regulatory frameworks are highly insightful and can drive future research and policy formulation in this domain.</p>	
Is the title of the article suitable? (If not please suggest an alternative title)	<p>Title Suitability:</p> <p>The title is well-constructed and effectively conveys the manuscript's core theme. It captures the dual-edged nature of AI-driven OSINT in the context of cyber defense, and no modifications are necessary.</p>	
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.	<p>Abstract Evaluation:</p> <p>The abstract is detailed and effectively summarizes the research objectives, methods, findings, and implications. The inclusion of specific statistical outcomes (e.g., "reducing detection time by -0.68 hours") enhances its impact. It could be further improved by briefly mentioning the practical applications of the findings.</p>	
Is the manuscript scientifically, correct? Please write here.	<p>Scientific Soundness:</p> <p>The manuscript demonstrates a high degree of scientific rigor. The methodologies employed, including multivariate regression, logistic regression, and K-means clustering, are appropriate and well-executed. The results are supported by robust data analysis, ensuring reliability and validity.</p>	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	<p>References Sufficiency and Recency:</p> <p>The manuscript includes a comprehensive and recent list of references. To further enhance the manuscript, the following references are suggested:</p> <ul style="list-style-type: none"> Berman, J. (2023). Ethical AI in Cybersecurity. Journal of AI and Law. Kwon, Y. (2024). AI Governance for Cybersecurity Applications. International Journal of Policy Studies. 	
Is the language/English quality of the article suitable for scholarly communications?	<p>Language/English Quality:</p> <p>The language is clear and concise, suitable for scholarly communication. Minor grammatical refinements and the use of simpler phrasing in certain sections can improve readability.</p>	
<u>Optional/General</u> comments	<p>Optional/General Comments:</p> <p>The manuscript is well-structured and logically organized. Figures and tables are highly relevant and enhance the clarity of the findings. Suggestions for improvement include:</p> <ul style="list-style-type: none"> Expanding the discussion on the limitations of predictive models in OSINT applications. Providing a comparative analysis of reactive and proactive AI systems in cyber defense. 	

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PART 2:

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

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