

Review Form 1.7

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_116951
Title of the Manuscript:	Bias and Fairness Issues in Artificial Intelligence-driven Cybersecurity
Type of the Article	Review

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalcjast.com/index.php/CJAST/editorial-policy>)

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PART 1: Review Comments

	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><u>Compulsory</u> REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The article discusses the profound impact of the internet on global society and the subsequent rise in cyber security concerns, particularly in the context of protecting sensitive information transmitted through cyberspace. It highlights the extensive reliance on cyberspace for various purposes such as banking, industrial control, and automated systems management, emphasizing the need for robust cybersecurity measures to safeguard against potential threats.</p> <p>yes</p> <p>Abstract should be more precise.</p> <p>No</p> <p>No</p> <p>The latest review paper is the missing of that article who worked on bias reduction and mitigation. Create a literature section and review the algorithm in it. And then create a table of comparative study of these techniques.</p>	
<p><u>Minor</u> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>yes</p>	
<p><u>Optional/General</u> comments</p>	<p>The article briefly touches upon the issue of bias in AI models but does not thoroughly explore the potential consequences of biased algorithms in cyber security applications. It would be beneficial to elaborate further on how bias can manifest in AI-driven cyber security systems, the real-world implications of biased decision-making, and strategies for effectively mitigating bias in AI models. Overall, while the article offers a broad overview of the intersection between cyber security and AI, it could benefit from a deeper examination of the technical, ethical, and societal limitations associated with implementing AI-driven cyber security solutions.</p>	

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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>	

Reviewer Details:

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