

Journal Name:	Asian Journal of Mathematics and Computer Research
Manuscript Number:	Ms_AJOMCOR_12537
Title of the Manuscript:	DESIGNING A SECURE AI-POWERED INTRUSION DETECTION SYSTEM FOR INTERNET OF THINGS (IOT) NETWORKS USING MACHINE LEARNING
Type of the Article	

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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 a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>This demonstrates the potential of machine learning approaches to proactively identify and mitigate cyber risks by thoroughly examining AI-powered intrusion detection systems. Both researchers and practitioners can benefit from the classification of machine learning techniques and the discussion of their drawbacks. Furthermore, the focus on resource-efficient implementation is especially pertinent to IoT devices that have limited resources. The scientific community benefits greatly from this assessment since it offers a strong basis for future study and advancement in this crucial field of cybersecurity.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>		
<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>	<p>The abstract is subtle for this article</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Need to check the in-text citation spacings and also need to check the format</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may</p>	<p>This article offers a thorough analysis of AI-powered intrusion detection systems for Internet of Things environments, showcasing a solid scientific basis. It successfully tackles the serious security issues brought on by the quick spread of IoT devices and emphasizes how machine learning approaches may improve detection precision and flexibility. The review offers a comprehensive description of the state-of-the-art at the moment, is well-structured, and references pertinent</p>	

be required for this part.	literature. The manuscript's technical validity is further reinforced by the examination of sophisticated methods like feature selection and ensemble learning as well as the discussion of resource limitations. All things considered, this review offers practitioners and researchers working on IoT network security useful insights.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Need to make sure that the references can not go past 5 years	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Need to check spacings and formatting	
Optional/General comments		

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>	

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