Review Form 3

Journal Name:	**Asian Journal of Research in Computer Science**
Manuscript Number:	**Ms_AJRCOS_130096**
Title of the Manuscript:	**Cyber Espionage in the Age of Artificial Intelligence: A Comparative Study of State-Sponsored Campaign**
Type of the Article	

General guidelines for the 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.
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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 significant contributions to the scientific community by exploring the transformative role of artificial intelligence (AI) in state-sponsored cyber espionage, a rapidly evolving and highly relevant field. By analyzing both offensive and defensive applications of AI, it provides a comprehensive understanding of how AI enhances cyberattack capabilities while simultaneously offering innovative solutions for defense. The study's use of data-driven approaches, such as network graph analysis and ensemble classification models, presents a valuable framework for future research in AI and cybersecurity. Moreover, its exploration of the geopolitical, ethical, and legal implications of AI in cyber espionage underscores the need for international cooperation and regulatory frameworks, providing a critical foundation for the responsible integration of AI technologies in global cybersecurity strategies.	
Is the title of the article suitable? **(If not please suggest an alternative title)**	The title "Cyber Espionage in the Age of Artificial Intelligence: A Comparative Study of State-Sponsored Campaigns" is quite suitable.	

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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.	Yes, the abstract of the article is comprehensive. It effectively summarizes the key aspects of the research and provides a clear overview of the study's objectives, methodology, findings, and implications. Here's why: 1. **Clear Research Focus**: The abstract begins by identifying the primary focus of the study—AI's role in state-sponsored cyber espionage, particularly in both offensive and defensive operations. It also references the datasets used, adding credibility to the methodology. 2. **Methodology**: The abstract briefly mentions the research methods employed, such as network graph analysis, multi-criteria decision analysis (MCDA), ensemble classification models, and Difference-in-Differences (DiD) analysis. This inclusion helps readers understand the analytical framework behind the study.	
Is the manuscript scientifically, correct? Please write here.	The manuscript appears to be scientifically sound based on the information provided. **Strengths:** **Clear Methodology**: The use of well-established methodologies like network graph analysis, multi-criteria decision analysis (MCDA), ensemble classification models, and Difference-in-Differences (DiD) analysis adds scientific credibility. These methods are commonly used in cybersecurity research and are appropriate for analyzing data related to state-sponsored cyber espionage and AI applications. **Data-Driven Insights**: The manuscript incorporates relevant datasets, such as the MITRE ATT&CK Framework, FireEye APT Groups Database, and UNSW-NB15 Intrusion Detection Dataset, which are commonly used in cybersecurity studies. Their application supports the findings and enhances the manuscript's scientific foundation. **Relevant Literature**: The manuscript draws on a range of credible sources, from government and corporate reports to academic papers. It cites key works that establish AI's impact on both offensive and defensive cyber operations, adding depth and context to the research.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references provided here are relatively recent (mainly from 2023 and 2024), which is important for topics involving emerging technologies like AI, cybersecurity, and digital warfare.	
Is the language/English quality of the article suitable for scholarly communications?	Yes	
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?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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