

Review Form 3

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_126182
Title of the Manuscript:	Real-Time Data Governance and Compliance in Cloud-Native Robotics Systems
Type of the Article	Research

Review Form 3

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 manuscript addresses a crucial and emerging area in the intersection of robotics, cloud computing, and data governance, providing valuable insights into the challenges of real-time data compliance and cybersecurity. Its focus on cloud-native robotics systems and the analysis of real-time data governance gaps and regulatory compliance is highly relevant, especially as industries continue to adopt autonomous systems that rely on dynamic, data-driven decision-making. By identifying both the technical and regulatory challenges in maintaining data integrity, low latency, and regulatory adherence, the study contributes to a deeper understanding of the operational and legal complexities in this field. The clear methodological approach and comprehensive discussion of cybersecurity vulnerabilities make this work an important reference for researchers and practitioners aiming to enhance the reliability and safety of cloud-based robotics systems.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Y</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>Y Suggestions: Clarification on Datasets: Briefly mention the datasets used (e.g., Amazon AWS Open Data Registry, GDPR Enforcement Tracker) to give readers context on the data sources. Highlighting Significance: Add a sentence emphasizing the potential impact of the findings on future cloud-native robotics governance frameworks, underscoring the manuscript's relevance. Further Detailing Results: Provide a more specific summary of the findings regarding penalty increases for GDPR violations, as this financial insight could be relevant to practitioners.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Y</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 be required for this part.</p>	<p>The manuscript demonstrates scientific rigor through its clear research design, use of established statistical methods, and well-structured approach to analyzing real-time data governance challenges in cloud-native robotics systems. The authors employ a quantitative methodology, leveraging credible data sources (such as Amazon AWS and GDPR Enforcement Tracker) to perform analyses on latency, error rates, and compliance costs, which strengthens the technical soundness of the findings. Regression analysis and correlation metrics provide quantifiable insights into factors affecting data governance and regulatory adherence, offering a statistically validated understanding of the impact of GDPR violations. Additionally, the manuscript addresses both internal operational metrics and external cybersecurity risks, presenting a holistic view that aligns with contemporary research standards in data governance and cloud-based systems.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Y</p>	

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Minor REVISION comments	Y	
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments		

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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