

Review Form 3

Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	Ms_JERR_131361
Title of the Manuscript:	Advanced Data Analytics for Real-Time Performance Engineering
Type of the Article	

PART 1: Comments

	Reviewer's comment Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.	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 is valuable to the scientific community as it explores real-time data analytics for system optimization and decision-making. It bridges theory and practice, highlighting AI, edge computing, and streaming data. With multi-industry applications, it encourages further research in big data, automation, and real-time monitoring.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is suitable but could be more specific. A better alternative: "Real-Time Data Analytics for Performance Optimization"	
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.	The abstract is comprehensive but could be more precise by briefly mentioning key technologies (e.g., AI, streaming platforms) and specific industry applications (e.g., finance, healthcare). It effectively highlights real-time monitoring and optimization but could benefit from a mention of challenges (e.g., scalability, security). Removing general phrases and focusing on core contributions would improve clarity.	
Is the manuscript scientifically, correct? Please write here.	Yes, the manuscript is scientifically correct, with accurate discussions on real-time analytics and technologies. However, lacking empirical validation, it would benefit from data-driven case studies.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	The references are mostly relevant, but some are dated (pre-2016) and could be updated with recent advancements in AI-driven analytics and edge computing. Adding newer studies on real-time big data processing, cloud scalability, and security challenges would strengthen the manuscript. Consider including recent IEEE, ACM, or Springer papers on real-time analytics, streaming architectures, and AI-driven optimization.	
Is the language/English quality of the article suitable for scholarly communications?	The language is generally clear and suitable for scholarly communication, but some sections could be more concise and refined for better readability. Minor grammatical improvements and clearer phrasing would enhance clarity and professionalism.	
Optional/General comments	The manuscript is scientifically relevant and well-structured, but it lacks empirical validation, has some outdated references, and needs refinements in clarity and conciseness. Strengthening data-driven evidence, updating sources, and addressing scalability and security challenges would significantly improve its impact.	

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)	

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