

Peer Review

Review of: "Integrating Quantum Computing with AI: A Perspective on Time-Series Forecasting"

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1. Abstract could be re-written like below "This manuscript explores how quantum computing principles can enhance AI-driven time series forecasting, with a focus on quantum reservoir computing and quantum neural networks. We investigate how quantum algorithms can improve the accuracy and efficiency of temporal data processing. Additionally, we examine the theoretical treatment of time in quantum mechanics—where it is primarily considered a parameter—and its implications for AI-driven modeling of temporal dynamics. We also address the current limitations of quantum hardware and the ethical concerns surrounding enhanced predictive capabilities, particularly regarding privacy and security. Finally, we highlight future research directions, emphasizing the interdisciplinary nature of this rapidly evolving field."
2. The introduction section must be further elaborated by explaining about AI and Quantum computing.
3. Add the most recent works from the last 2 years in the Background and Potential section and cite the relevant papers.

Declarations

Potential competing interests: No potential competing interests to declare.