Review of: "Generative Artificial Intelligence Using Machine Learning on Wireless Ad Hoc Networks"

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Potential competing interests: No potential competing interests to declare.

This article provides a thorough examination of Generative AI (GenAI) utilizing Machine Learning (ML) within ad-hoc networks. The strengths of the article are noteworthy:

1. **Timeliness and Relevance**: The article is highly relevant given the current focus on GenAI and effectively discusses its application in ML within ad-hoc networks.
2. **Clear Objectives**: The article defines its objectives clearly and maintains focus on these objectives throughout the discussion.
3. **Effective Use of Diagrams**: The diagrams are well-articulated and enhance the understanding of the content.
4. **Detailed Experiments**: The experimental section is comprehensive, providing detailed results and thorough explanations.
5. **Informative Tables**: The tables are well-placed and assist in interpreting the diagrams and data.
6. **Accurate Formulas**: Formulas are used correctly, aligning with the results presented.

However, there are areas where the article could be improved:

1. **Differentiation of Systems**: A clearer distinction between the proposed system and existing systems is needed to better highlight the novel contributions of the work.
2. **Dataset Specification**: The dataset should be explicitly stated, and incorporating additional datasets could enhance the robustness of the results.
3. **Up-to-Date References**: The references should be updated to include recent works from 2021 onwards to reflect the latest advancements in the field.
4. **Future Roadmap**: A separate section outlining the future roadmap would be beneficial, providing a more detailed exploration of potential directions for further research.
5. **Conclusion Revision**: The conclusion section requires revision to better summarize the findings and implications of the study.

Overall, this article shows significant merit and can be accepted with the recommended revisions.