Review of: "How to Build an IoT System with AI Models to Predict Forest Fires in California"

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Potential competing interests: No potential competing interests to declare.

The paper outlines a robust IoT weather monitoring system with potential applications in forest fire prevention. However, the lack of integration or demonstration of AI models weakens its alignment with the title. Addressing these gaps, particularly in AI implementation and real-world deployment challenges, would greatly enhance the paper's contribution to the field.

Furthermore, the paper would benefit from the inclusion of more updated references to strengthen its relevance and reliability. Integrating recent studies and findings related to the topic will demonstrate the author's awareness of current developments in the field and ensure that the paper remains up-to-date.

https://www.researchgate.net/publication/331049288_Internet_of_things_utilization_for_ehealthcare_monitoring

These enhancements will contribute to the overall quality and impact of the paper, enhancing its value to the academic community and readers interested in the subject matter.

Suggestions for Improvement

1. Clearly articulate the role of AI in the system and its connection to forest fire prediction.
2. Provide a brief overview of the results or findings to set expectations.
3. Discuss the existing state of IoT and AI applications in forest fire prevention, identifying gaps this research addresses.
4. Provide a clearer outline of the paper's objectives and structure.
5. Address practical deployment challenges, such as power supply, ruggedness of components, and connectivity in remote areas.
6. Critically assess the system's limitations and propose specific improvements.
7. Highlight the practical implications of integrating AI for forest fire prediction.