REVIEWER'S REPORT

Manuscript No.:   52993   Date: 28-07-2025

Title:

VERS UNE ALERTE SANITAIRE RAPIDE EN COTE D'IVOIRE : ARCHITECTURE MODULAIRE DHIS2-DBSCAN ET INTELLIGENCE ARTIFICIELLE APPLIQUEES AUX QUATRE ZONES ECO-CLIMATIQUES

Recommendation:

Accept as it is ……… … **Yes** ……….
Accept after minor revision…… ……
Accept after major revision ………………
Do not accept (*Reasons below*) ………

Rating	Excel.	Good	Fair	Poor
Originality			Yes	
Techn. Quality			Yes	
Clarity			Yes	
Significance			Yes	

Reviewer Name: Gulnawaz Gani

Reviewer's Comment for Publication.

This paper contributes an AI-enhanced epidemiological surveillance system tailored to the specific geographical and technological constraints of Côte d'Ivoire.

Detailed Reviewer's Report

- This paper proposes a commendable and highly relevant modular architecture for rapid health alerts in Côte d'Ivoire, effectively integrating existing infrastructure with advanced AI and spatio-temporal clustering.
- The detailed breakdown of challenges and proposed solutions, especially the contextualization for eco-climatic zones, is a significant strength.
- However, the paper could benefit from presenting preliminary results from the pilot phase to validate its effectiveness and address potential implementation hurdles beyond theoretical promises.
- Furthermore, while outlining ethical considerations, a more in-depth discussion on data privacy and security, particularly with sensitive health data, would enhance the paper's robustness.
- The explicit mention of future cholera outbreaks in 2025 as a past event is a clear anachronism, suggesting potential issues with the timeline or a hypothetical scenario presented as fact.