

REVIEWER'S REPORT

Manuscript No.: IJAR-59220

Title: AI-Assisted Hydrocarbon Leakage Detection and Incident Prevention in Saudi Arabia: Advancing Environmental Protection under Vision 2030

Recommendation:

Accept as it is

Accept after minor revision...√.....

Accept after major revision

Do not accept (*Reasons below*)

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

Reviewer's ID: JPR- DR PRITI GUPTA

Detailed Reviewer's Report

Table 1 formatting:

Table 1 is informative, but the final row continues onto the next page. The table should preferably be formatted to avoid splitting a row across pages.

Figures:

Figures 1 and 2 communicate the proposed architectures clearly, but their text and labels could be made larger and more visually consistent. Figure 1 presents the layered architecture, while Figure 2 presents the closed-loop incident-prevention cycle.

References:

Please perform a final check for:

- DOI accuracy
- Uniform reference formatting
- Consistency between in-text citations and reference list
- Journal volume/issue/page details

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Language and formatting:

The manuscript is generally readable, but a final proofreading is recommended for spacing, punctuation, heading formatting, and consistency.