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REVIEWER'S REPORT

Manuscript No.: IJAR-59653

Title: Integration of Enterprise Resource Planning and Advanced Data Analytics for Cost Optimization and Supply Chain Performance Improvement in Saudi Cement Manufacturing.

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 Name: DR. PRITI GUPTA

Detailed Reviewer's Report

Include a more critical comparison of the selected studies rather than primarily describing their individual contributions.

The authors mention 30 peer-reviewed publications. However, the databases searched, exact search strings, search dates and screening procedures are not sufficiently described. Provide these details to improve reproducibility.

Include a literature selection flowchart showing the number of records identified, screened, excluded and finally selected.

The proposed ERP–operations–analytics architecture is interesting. Improve the explanation of interactions among the four layers and clarify how information flows between them.

Figure 1

Improve the visual quality and readability of the proposed architecture. Include more details about the role of ERP, data governance, analytics and execution.

Table 3

The illustrative cost calculations should be explained more clearly. Provide the assumptions and calculation procedure used to obtain the reported 7.7% reduction.

Table 4

The payback analysis is useful but entirely hypothetical. Clearly explain the selection of investment, operating cost and annual production assumptions.

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Figures and Tables

Ensure consistent formatting, readable labels, appropriate captions and proper referencing of all figures and tables.

References

Verify the accuracy and completeness of all references, DOI details and citation formatting. Ensure consistency between in-text citations and the reference list.