

Review of: "An Intelligent Analytics for People Detection Using Deep Learning"

Chuen-Horng Lin¹

¹ National Taichung University of Science and Technology

Potential competing interests: No potential competing interests to declare.

This study focuses on personnel detection and then discusses various functionalities related to personnel behavior using MATLAB with three different deep learning algorithms: CNN, You Only Look Once (YOLO), and Faster Region CNN. The content of the discussion is rough and general and can only be regarded as a brief and immature report. This report lacks novelty and creativity. Therefore, the value and significance of this research are relatively low, making it challenging to attract widespread attention and interest from the academic community. Hence, I do not recommend accepting this paper for publication for the following reasons:

1. This study only discusses existing methods and systems, which lack originality and fail to address significant research challenges. To enhance the academic contribution of the research, it is recommended that future project developments explore more forward-looking and challenging research directions.
2. The paper lacks novelty and significant contributions. To meet the quality required for publication, the authors should emphasize novel ideas in the algorithms.
3. The writing of the paper needs improvement; the current version is difficult to understand and is not yet ready for publication, making it challenging to assess accurately.
4. The paper requires professional rewriting to meet the standards of "Qeios."
5. In the "1. Introduction" section, the authors should follow the "introduction formula" to achieve a more structured and clear introduction. The six ordered components are as follows:
 - a. General Background: Introduce the broader scientific field to which the project belongs, emphasizing the current understanding of the system.
 - b. Specific Background: Focus on the subfield covered by the paper, once again emphasizing our understanding of this subfield.
 - c. Knowledge Gap: Clarify what is unknown, primarily focusing on the issues driving the work forward. Logically, this problem should arise from the background information.
 - d. Literature Review: Review relevant literature to orient the reader.
 - e. Brief Summary of Methods and Results: Brief overview of the methods and main results.
 - f. Contribution Description: Describe the paper's main contributions clearly, concisely, and easily understandable within 350 words.
6. The paper's writing style and organizational structure do not meet the level and standards required for journal publication.

7. The authors should carefully check the accuracy and completeness of all references, especially conference proceedings, ensuring that the location, dates, publisher name, and location are verified.
8. Language and grammar need improvement. The authors should seek assistance from a native English speaker or a professional editor to revise the manuscript.
9. The authors must comprehensively address these issues and make the necessary revisions to improve the quality and potential acceptability of the paper.