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

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Potential competing interests: No potential competing interests to declare.

1. There is a noticeable repetition of content within the literature review section. For instance, the challenges related to weather, occlusion, and lighting conditions are mentioned multiple times without adding new insights or depth to the discussion.

2. The paper does not introduce groundbreaking techniques in people detection using deep learning, as it primarily discusses those methods such as convolutional neural networks (CNNs), You Only Look Once (YOLO), and Faster Region CNNs, which have been extensively studied in existing literature.

3. The paper compares the performance of different deep learning models for people detection but does not provide a thorough evaluation framework. The criteria for determining which model best suits people's behaviour detection are not clearly defined.

4. The paper primarily focuses on surveillance, security, and autonomous vehicles as applications of people detection. It does not explore other potential applications, such as retail analytics and traffic management, in sufficient detail.

5. Although the paper mentions the use of multi-sensor fusion (MSF) to enhance people detection, it lacks a detailed discussion on how MSF can be effectively implemented and its potential benefits.

6. The paper briefly touches upon the importance of understanding human behavior for future advancements in autonomous vehicles but does not delve into the complexities or provide substantial methodologies for achieving this goal.

7. There is insufficient information regarding the contributions and support that Nasarawa State University provided in the acknowledgements section.