

Review of: "AI-Powered Object Detection to The Seamless Integration of Renewable Energy Into Electric Vehicles"

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Potential competing interests: No potential competing interests to declare.

The authors introduced a significant advancement: merging AI-driven object detection with the smooth integration of renewable energy into electric vehicles. This marks a crucial stride toward a sustainable and intelligent transportation environment. By combining the strengths of artificial intelligence, particularly object detection algorithms, with the use of renewable energy in EVs, this integration brings multifaceted advantages. AI-powered object detection, supported by advanced platforms such as TensorFlow, elevates the operational efficiency and safety standards of electric vehicles. These systems empower vehicles to sense and react to their surroundings, thereby ensuring improved navigation, collision prevention, and adaptive driving behaviors.