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Applications of artificial intelligence of Things (AloT): An overview

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Abstract

Conventional monitoring systems have been revolutionized with the advancements in capabilities of IoT and AI in terms of data collection and decision making respectively. This is coined as AloT (Artificial Intelligence of Things). This paper conducts study on various applications of AloT in diverse domains, underlining the developments in technology, challenges, and future possibilities. The focused application areas are industrial automation, crowd monitoring, disaster management, military, agriculture, waste management, health care, smart grid, and transportation. The detailed review is conducted in the paper depicting the role of AloT in transforming conventional systems to autonomous and intelligent systems.