Special Issue

AI-Powered Solutions for Personalized Healthcare Monitoring with Wearables

Message from the Guest Editors

Artificial intelligence (AI) and wearable technology have transformed healthcare by making sophisticated personal health monitoring systems possible. Healthcare technology has shifted from conventional approaches to wearables with AI capabilities, marking a significant advancement in personalized care. However, further research and development are necessary to overcome current limitations and fully realize the benefits of such integrated health monitoring systems. These applications gather all parameters, which are then transmitted to the AI model for assessment. The prediction of cardiac illness based on the information gathered by the wearable device and its use is the main focus of this type of system's technique. If heart illness is detected or blood oxygen levels fall below a healthy threshold, the device records the information for medical learning. All people should have access to primary care, and lower-income families and individuals should also be able to afford to use a more complete healthcare system.

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