Shukla / Patel / Parashar

IoT in Healthcare Systems

Applications, Benefits, Challenges, and Case Studies

Implementing new information technologies into the healthcare sector can provide alternatives to managing patients' health records, systems, and improving the quality of care received. This book provides an overview of Internet of Things (IoT) technologies related to the healthcare field and covers the main advantages and disadvantages along with industry case studies. This edited volume covers required standardization and interoperability initiatives, various Artificial Intelligence and Machine Learning algorithms, and discusses how health technology can meet the challenge of improving quality of life regardless of social and financial status, gender, age, and location. The book presents real-time applications and case studies in the fields of engineering, computer science, IoT, and healthcare and provides many examples of successful IoT projects. The target audience for this edited volume includes researchers, practitioners, students, as well as key stakeholders involved in and working on healthcare engineering solutions.

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