Record Nr. UNINA9910584483603321 Internet of things based smart healthcare: intelligent and secure Titolo solutions applying machine learning techniques / / Suparna Biswas [and three others] editors Singapore:,: Springer,, [2022] Pubbl/distr/stampa ©2022 **ISBN** 981-19-1408-7 Descrizione fisica 1 online resource (394 pages) Smart computing and intelligence Collana 004.678 Disciplina Soggetti Internet of things Medical innovations Medicine - Data processing Internet de les coses Processament de dades Medicina Llibres electrònics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. Intro -- Contents -- IoT Based Smart Healthcare -- Wearable Sensors Nota di contenuto and Machine Intelligence for Smart Healthcare -- 1 Introduction -- 2 Presents Healthcare Issues and Challenges for Remote Patients -- 3 The Possibilities of IoT as an Alternate to Conventional Healthcare System -- 4 IoT-Enabled Healthcare System -- 4.1 General Architecture -- 4.2 Proposed Architecture for the Healthcare System -- 4.3 Proposed Model -- 4.4 Component Description -- 4.5 Working Procedure of Healthcare Model -- 5 The Need and Importance of Machine Learning in Smart Healthcare -- 6 Conclusion -- References -- Architecture for Smart Healthcare: Cloud Versus Edge -- 1 Introduction -- 2 Role of Cloud Computing in Smart Healthcare Architecture -- 2.1 Properties of Cloud Computing -- 2.2 Utilities of Cloud Computing -- 2.3 Deployment Models of Cloud Computing --2.4 Different Architectures of Cloud Computing Used in Smart

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