1. Record Nr. UNINA9911007185403321 Autore Rashid Mamoon Titolo Medical Imaging Informatics: Machine Learning, Deep Learning and Big **Data Analytics** Pubbl/distr/stampa Stevenage:,: Institution of Engineering & Technology,, 2023 ©2024 **ISBN** 1-83724-416-2 1-5231-6311-9 1-83953-744-2 Edizione [1st ed.] Descrizione fisica 1 online resource (383 pages) Collana Healthcare Technologies Series Altri autori (Persone) GoyalVishal BashirAli Kashif HakakSaqib Disciplina 616.07540285 Soggetti Machine learning Deep learning (Machine learning) Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Contents -- About the editors -- Section 1: Medical image analysis Nota di contenuto using artificial intelligence -- 1. Intervention of medical images for disease prediction | Neha Singh, Shilpi Birla and Neeraj Kumar Shukla -- 2. Breast cancer detection in pathological imaging using deep learning methods | Bharati Ainapure and Reshma Pise -- 3. Detection

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Medical Imaging Informatics is an edited book that discusses how medical images can be processed using machine learning techniques and big data analysis methods. These tools help physicians to gain a full overview of a patient's data, which in turn assists with diagnosis, prognosis or intervention.