Goel / Yadav

Internet of Things enabled Machine Learning for Biomedical Application

The text begins by highlighting the benefits of the internet of things enabled machine learning in the healthcare sector, examines the diagnosis of diseases using machine learning algorithms, and examines security and privacy issues in the healthcare systems using the internet of things. The text elaborates on image processing implementation for medical images to detect and classify diseases based on magnetic resonance imaging and ultrasound images. This book: ·   Covers the procedure to recognize emotions using image processing and the internet of things-enabled machine learning. · Highlights security and privacy issues in the healthcare system using the internet of things.   ·   Discusses classification and implementation techniques of image segmentation. ·   Explains different algorithms of machine learning for image processing in a comprehensive manner.   ·   Provides computational intelligence on the internet of things for future biomedical applications including lung cancer. It is primarily written for graduate students, and academic researchers in the fields of electrical engineering, electronics and communications engineering, computer science and engineering, and biomedical engineering.

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