Advanced Classification Techniques for Healthcare Analysis

Part of the Advances in Medical Technologies and Clinical Practice Book Series

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Description:
Medical and information communication technology professionals are working to develop robust classification techniques, especially in healthcare data/image analysis, to ensure quick diagnoses and treatments to patients. Without fast and immediate access to healthcare databases and information, medical professionals' success rates and treatment options become limited and fall to disastrous levels.

Advanced Classification Techniques for Healthcare Analysis provides emerging insight into classification techniques in delivering quality, accurate, and affordable healthcare, while also discussing the impact health data has on medical treatments. Featuring coverage on a broad range of topics such as early diagnosis, brain-computer interface, metaheuristic algorithms, clustering techniques, learning schemes, and mobile telemedicine, this book is ideal for medical professionals, healthcare administrators, engineers, researchers, academicians, and technology developers seeking current research on furthering information and communication technology that improves patient care.

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Topics Covered:

- Algorithm Classification
- Clustering Techniques
- Data Processing
- Decision Support System
- Deep Learning
- Health Data
- Healthcare Analysis
- Image Extraction
- Learning Schemes
- Medical Informatics
- Mobile Telemedicine
- Performance Analysis

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