

Book Title

Concepts of Artificial Intelligence and its application in modern healthcare systems



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ABOUT THE BOOK

This book focuses on the application of Artificial intelligence in healthcare. Artificial intelligence (AI) has the potential to detect significant interactions in a dataset and also it is widely used in several clinical conditions to expect the result, track and diagnose. Artificial intelligence (AI) is being used or trialed for a variety of healthcare and research purposes, including detection of disease, management of chronic conditions, delivery of health services and drug discovery. This book will present the application of Artificial intelligence (AI) in modern health care system and the challenges of this system in detail. Different types of Artificial intelligence devices are described with the help of working mechanism discussion and additionally with computing intelligence system.

TOPICS OF INTEREST

- Wearable Technology using AI
- AI expert systems in healthcare
- AI from investors perspective in healthcare solutions
- Tackling COVID-19 with AI
- Automation using AI in healthcare
- AI in safety of Patients
- Non-invasive techniques for illness diagnose using AI
- Issues in AI for healthcare applications
- Enabling healthcare 4.0 for pandemics
- AI in medicine, pharmacy, pathology
- AI in elderly assistance
- Hospital management
- Assistance to elderly, handicapped
- Critical disease prediction, medical imaging

SUBMISSION DEADLINES

- Abstract and full chapter submission (extended):
31st July 2022