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Disciplina	006.3
Soggetti	Computational intelligence Medical informatics Artificial intelligence - Data processing Quantitative research Big data Internet of things Computational Intelligence Health Informatics Data Science Data Analysis and Big Data Big Data Internet of Things Informàtica mèdica Bioinformàtica Llibres electrònics
Lingua di pubblicazione	Inglese
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Nota di contenuto	1. A Value of Data Science in the Medical Informatics: An Overview -- 2. Data science in Medical Informatics: Challenges and Opportunities -- 3. Eminent Role of Machine Learning in the Healthcare Data Management -- 4. Potential and Adoption of Data Science in the Healthcare Analytics -- 5. Emerging Advancement of Data Science in the Healthcare Informatics.
Sommario/riassunto	This book highlights a timely and accurate insight at the endeavour of

the bioinformatics and genomics clinicians from industry and academia to address the societal needs. The contents of the book unearth the lacuna between the medication and treatment in the current preventive medicinal and pharmaceutical system. It contains chapters prepared by experts in life sciences along with data scientists for examining the circumstances of health care system for the next decade. It also highlights the automated processes for analyzing data in clinical trial research, specifically for drug development. Additionally, the data science solutions provided in this book help pharmaceutical companies to improve on what had historically been manual, costly and laborious process for cross-referencing research in clinical trials on drug development, while laying the groundwork for use with a full range of other drugs for the conditions ranging from tuberculosis, to diabetes, to heart attacks and many others.
