



1st ed. 2019, XII, 367 p. 110 illus., 82 illus. in color.

Printed book

Hardcover

119,99 € | £109.99 | \$149.99

[1]128,39 € (D) | 131,99 € (A) | CHF 141,50

eBook

96,29 € | £87.50 | \$109.00

[2]96,29 € (D) | 96,29 € (A) | CHF 113,00

Available from your library or springer.com/shop

MyCopy [3]

Printed eBook for just

€ | \$ 24.99

springer.com/mycopy

[Error\[en_EN | Export.Bookseller. MediumType | SE\]](#)

Sergio Consoli, Diego Reforgiato Recupero, Milan Petković (Eds.)

Data Science for Healthcare

Methodologies and Applications

- Connects machine learning, big data analytics, statistics, pattern recognition, computer vision, and Semantic Web technologies to healthcare applications.
- Highlights the successful application of these technologies in various healthcare areas.
- Intended for data scientists involved in the healthcare or medical sector.

This book seeks to promote the exploitation of data science in healthcare systems. The focus is on advancing the automated analytical methods used to extract new knowledge from data for healthcare applications. To do so, the book draws on several interrelated disciplines, including machine learning, big data analytics, statistics, pattern recognition, computer vision, and Semantic Web technologies, and focuses on their direct application to healthcare. Building on three tutorial-like chapters on data science in healthcare, the following eleven chapters highlight success stories on the application of data science in healthcare, where data science and artificial intelligence technologies have proven to be very promising. This book is primarily intended for data scientists involved in the healthcare or medical sector. By reading this book, they will gain essential insights into the modern data science technologies needed to advance innovation for both healthcare businesses and patients. A basic grasp of data science is recommended in order to fully benefit from this book.

Order online at springer.com / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: customerservice@springernature.com. / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: customerservice@springernature.com.

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

