

Revolutionizing the Healthcare Sector with AI

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

Babita Singla (Chitkara Business School, Chitkara University, Punjab, India, India), Kumar Shalender (Chitkara Business School, Chitkara University, Punjab, India, India) and Katja Stamer (Professor DHBW Stuttgart Campus Horb, Germany)

Description:

The healthcare sector is at a critical juncture, facing the pressing need to integrate generative AI technologies responsibly. Despite the promising benefits, such as improved diagnostics, personalized treatments, and streamlined operations, the adoption of AI in healthcare poses significant challenges. These challenges include ethical dilemmas, regulatory complexities, and the need for governance frameworks to ensure the technology's responsible use.

Revolutionizing the Healthcare Sector with AI offers a comprehensive solution to these challenges. It provides a deep dive into the adoption, integration, scalability, and sustainability of generative AI in healthcare and a thorough analysis of governance, ethical, and regulatory issues. By offering insights from researchers, practitioners, patients, and policymakers, this book is a platform for responsible AI adoption in healthcare.

This book is not just a theoretical exploration but a practical guide for all stakeholders in the healthcare industry. It offers frameworks for integrating generative AI responsibly, ensuring that ethical considerations and regulatory requirements are met. By providing real-world case studies, educational initiatives, and future trend analyses, this book equips readers with the knowledge and tools needed to navigate the complexities of AI integration in healthcare, ultimately leading to improved patient outcomes and a more efficient healthcare system.

ISBN: 9798369337318

Pages: 350

Copyright: 2024

Release Date: May, 2024

Hardcover: \$425.00

E-Book: \$425.00

**Hardcover +
E-Book:** \$510.00

Topics Covered:

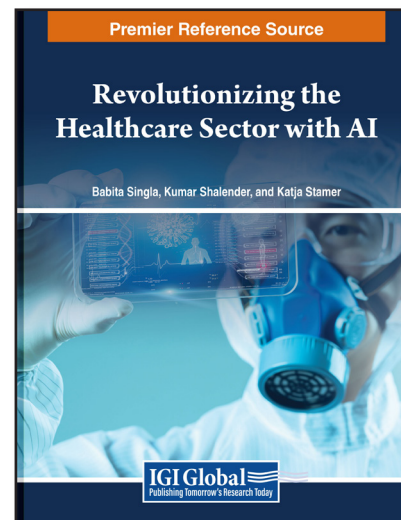
- Adoption and Governance Frameworks
- Building Trust and Transparency
- Case Studies
- Educational and Awareness Initiatives
- Ethical Principles and Considerations
- Future Trends and Innovations
- Global Perspective
- Introduction to Generative AI in Healthcare
- Investment Approach Towards Responsible AI
- Legal and Regulatory Landscape
- Recommendations for Policymakers
- Stakeholder Perspectives
- The Promise and Perils of Generative AI in Healthcare

Subject: Computer Science & Information Technology

Classification: Edited Reference

Readership Level: Advanced-Academic Level (Research Recommended)

Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners



Order Information

Phone: 717-533-8845 x100

Toll Free: 1-866-342-6657

Fax: 717-533-8661 or 717-533-7115

Online Bookstore: www.igi-global.com

Mailing Address: 701 East Chocolate Avenue, Hershey, PA 17033, USA