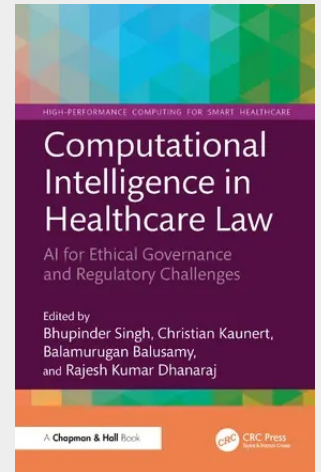


Computational Intelligence in Healthcare Law

AI for Ethical Governance and Regulatory Challenges

This book explores the intersection of legal frameworks, healthcare innovation, and computational intelligence, shedding light on how emerging technologies like artificial intelligence (AI) and machine learning (ML) are reshaping the medical landscape. It presents real-life challenges such as patient privacy, data security, and compliance issues in smart healthcare by delving into the associated ethical and regulatory implications. Comprising the concepts of predictive analytics, regulatory compliance algorithms, and legal decision-making processes, this book offers a roadmap for stakeholders to navigate the evolving landscape of healthcare innovation responsibly and ethically. Features: - Investigates how artificial intelligence supports legal decision-making processes in smart healthcare, addressing ethical and accountability concerns - Demonstrates the use of smart contracts and automation tools powered by computational intelligence to streamline legal processes and ensure compliance in smart healthcare initiatives - Focuses on managing healthcare data within legal frameworks, emphasizing the role of computational intelligence's in ensuring privacy and security - Examines how computational intelligence enables predictive analytics models to anticipate legal challenges and compliance issues in smart healthcare - Highlights the development and implementation of computational algorithms for navigating evolving legal frameworks in healthcare This reference book is a useful resource for scholars and researchers working on smart healthcare.



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