

about the different types of security attacks and how to ensure that security is not compromised. This cybersecurity book starts by defining the modern security and regulatory landscape, helping you understand the challenges related to human behavior and how attacks take place. You'll then see how to build effective cybersecurity awareness and modern information security programs. Once you've learned about the challenges in securing a modern enterprise, the book will take you through solutions or alternative approaches to overcome those issues and explain the importance of technologies such as cloud access security brokers, identity and access management solutions, and endpoint security platforms. As you advance, you'll discover how automation plays an important role in solving some key challenges and controlling long-term costs while building a maturing program. Toward the end, you'll also find tips and tricks to keep yourself and your loved ones safe from an increasingly dangerous digital world. By the end of this book, you'll have gained a holistic understanding of cybersecurity and how it evolves to meet the challenges of today and tomorrow. What you will learn

Understand the macro-implications of cyber attacks
Identify malicious users and prevent harm to your organization
Find out how ransomware attacks take place
Work with emerging techniques for improving security profiles
Explore identity and access management and endpoint security
Get to grips with building advanced automation models
Build effective training programs to protect against hacking techniques
Discover best practices to help you and your family stay safe online
Who this book is for
This book is for security practitioners, including analysts, engineers, and security leaders, who want to better understand cybersecurity challenges. It is also for beginners who want to get a holistic view of information security to prepare for a career in the cybersecurity field. Business leaders looking to learn about cyber threats and how they can protect their organizations from harm will find this book especially useful. Whether you're a beginner or a seasoned cybersecurity professional, this book has something new for everyone.

E-Learning and Digital Education in the Twenty-First Century
Humanize
The Cybersecurity Playbook for Modern Enterprises
Sharing Clinical Trial Data
Cultural Landscapes of Post-socialist Cities