

Artificial intelligence for global counter-terrorism

Type de contenu : Texte

Type de médiation : sans médiation

Type de support : Volume

Titre(s) : Artificial intelligence for global counter-terrorism : utilizing deep learning and innovative strategies / Christian Kaunert, Bhupinder Singh, Rhishikesh Dave,... [et al.], editors

Auteur(s) : Kaunert, Christian (1977-....)

Autre(s) auteur(s) : Singh, Bhupinder (19..-....) politiste
Dave, Rhishikesh (19..-....)
Lukose, Sally (19..-....)
Raghav, Anjali (1995-....)

Publication : Cham : Springer

Date de copyright : C 2025

Description matérielle : 1 volume (VIII-235 pages) : illustrations, graphiques ; 24 cm

Collection : Contributions to security and defence studies

ISBN : 978-3-0319-9234-6
3-031-99234-2

EAN : 9783031992346 relié

Appartient à la collection : Contributions to security and defence studies (Print) 2948-2283

Classification décimale Dewey : 327.117

Note sur la responsabilité : Autres contributeurs : Sally Lukose, Anjali Raghav (coéditeurs scientifiques)

Note sur les bibliographies et les index : Bibliographie en fin de chapitres

Note sur le contenu : Chapter 1. Artificial Intelligence and Drone Technology in Counterterrorism
Chapter 2. AI Applications in Global Counterterrorism Efforts: Challenges, Compliance and Regulatory Gaps
Chapter 3. Ethical Considerations in AI Driven Counterterrorism
Chapter 4. Evolving Role of Autonomous Systems in Counter-Terrorism
Chapter 5. Impact Assessment of Artificial Intelligence (AI) on Human Rights and Privacy: Curbing Global Digital Terrorism with Legal Measures
Chapter 6. Impact

of AI on Human Rights and Privacy in Counterterrorism: Legal and Ethical Perspectives Chapter 7. Legal Implications of Using AI in Security Operations Chapter 8. Leveraging AI and Cybersecurity for Proactive Counterterrorism: Strategies, Risks and Future Trends Chapter 9. The Algorithmic Panopticon: Artificial Intelligence, Mass Surveillance and the Death of Privacy Chapter 10. The Role of AI in Enhancing Predictive Policing to Prevent Terrorism Chapter 11. Exploring Facial Recognition Technology in Counterterrorism: AI in Surveillance and Monitoring Chapter 12. AI-Driven Predictive Analytics for Threat Assessment

Résumé ou extrait : The emergence of global terrorism has led to new, innovative artificial intelligence (AI) and deep learning techniques for effective counterterrorism. This book explores the transformative role of AI and deep learning in combating global terrorism, providing a comprehensive analysis of how these technologies can safeguard nations and societies. It presents strategies for utilizing AI and deep learning in intelligence gathering, predictive analysis, surveillance, and threat detection. The book examines the use of machine learning algorithms to analyze vast amounts of data, identifying patterns and trends to anticipate potential terrorist activities. It highlights how AI-powered systems enhance counterterrorism operations, real-time responses, and decision-making processes. Offering technical insights and practical applications, this book will appeal to students, researchers, and scholars of security studies, international relations, law, and political science, as well as to policymakers, and security professionals interested in a forward-thinking approach to combating terrorism in an interconnected world.

Sujet - Nom commun : Lutte anti-terroriste -- Innovation
Intelligence artificielle