

Blockchain-Based Solutions for Accessibility in Smart Cities

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Kumar Abhishek (National Institute of Technology, Patna, India), Chinmay Chakraborty (Birla Institute of Technology, Mesra, India)

Description:

In the evolving landscape of smart cities, the integration of technology and real-time data management presents a dual-edged challenge and opportunity for urban accessibility. The web of devices, from smartphones and connected cars to homes and citizens, forms the backbone of a smart city's infrastructure. As cities strive to become technologically enhanced hubs, the need for seamless accessibility becomes paramount. However, this ambitious transformation encounters hurdles such as traffic congestion, inefficient energy distribution, and concerns about air quality. Enter *Blockchain-Based Solutions for Accessibility in Smart Cities*, a groundbreaking exploration that addresses the issues hindering the optimal realization of smart city accessibility. This book delves into the emergence of blockchain technologies within smart city infrastructures and offers a compelling narrative on how blockchain-based solutions can be the catalyst for overcoming these challenges. At the core of the book is a singular objective: to revolutionize the management of smart city infrastructure and the ecosystem it supports.

Blockchain-Based Solutions for Accessibility in Smart Cities endeavors to unravel the potential of blockchain-based IoT applications, which not only facilitates superior decision-making through real-time data analysis but also safeguards the smart city ecosystem from potential threats. As smart city administrators grapple with technical obstacles, the book offers original research that explores the transformative uses of blockchain technology. By scrutinizing the intersection of blockchain and urban smart city accessibility, the goal is to provide a comprehensive guide that charts a course towards a secure, efficient, and technologically advanced future. This innovative book is crafted with a specific audience in mind – researchers, faculty, and students committed to shaping a secure ecosystem for smart city infrastructure. By merging concepts of security, smart city infrastructure, and blockchain, this multidisciplinary approach ensures that readers gain a nuanced understanding of the challenges at hand. Whether immersed in academia or eager to contribute to the evolution of smart cities, **Blockchain-Based Solutions for Accessibility in Smart Cities** is a valuable resource that empowers readers to navigate the complexities and unlock the full potential of blockchain in urban accessibility.

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