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Blockchain Unlocked : A Complete Learning Guide

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Abstract: Blockchain technology has revolutionized digital transactions, data security, and decentralized applications. This review explores the fundamental aspects of blockchain, including its structure, consensus mechanisms, and real-world applications. Blockchain's decentralized and tamper-proof nature has made it a key technology in finance, healthcare, supply chain, and other industries. This paper provides insights into the benefits, challenges, and latest trends in blockchain adoption, making it a valuable resource for understanding its impact and future potential.

Keywords: Blockchain, Decentralization, Distributed Ledger, Cryptocurrency, Smart Contracts, Consensus Mechanism, Security, Transparency, Peer-to-Peer Network, Immutability

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