

Big Data and Future of Block Chain Technology

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Abstract: *Block chain is a type of database, but it differs entirely from traditional databases in how it stores and manages information. Instead of storing data in rows, columns, tables and files as traditional databases do, blockchain stores data in blocks that are digitally chained together. Moreover, a blockchain is a decentralized database managed by computers belonging to a peer-to-peer network instead of a central computer like in traditional databases and it is an immutable and secure digital ledger that records transactions permanently and verifiably. Bitcoin and Ethereum are examples of such blockchains. Blockchain and Big Data are two most advanced technologies that have been significantly transforming various industries. Block chain & big data integration can increase security, data integrity, and privacy efficiently than the traditional systems.*

Keywords: Block chain, Big data, Cryptographic technique, Distributed Denial-of-Service (DDoS)

