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Blockchain: Basics, Applications, Benefits, and Opportunities

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Abstract: Blockchain has played a major role in financial, sales, medical, cryptocurrency, gaming, and other areas or fields. blockchain comes into focus mainly due to the bitcoin cryptocurrency. and now blockchain has been used in the development of various applications to help make records such as files, audio, video, paintings, gaming nfts secured and provide greater transparency, improved traceability, efficiency, and speed, and reduced cost. in this paper, we will be looking at what blockchain is, what is blockchain consists of, its structure, framework, and how blockchain works in a distributed network environment.

Keywords: Nonce, Hash Value, Consensus, Crypto

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