

A Study on Blockchain Technology

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Abstract: *The newest and most innovative technology in the current economy is the blockchain. In essence, a blockchain is a publicly accessible database that keeps track of all completed digital transactions and events that are shared amongst involved parties. In a commercial network, it offers provenance, immutability, and finality for the transfer of value. Real-time value exchange is made possible, cutting expenses and errors. based on a network consensus model, in which cryptography provides the confidence between the parties to a transaction. The purpose of this study is to provide a brief explanation of blockchain technology, its possibilities, and its limitations from the standpoint of upcoming security research on commercial transactions.*

Keywords: *Blockchain*