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# A Review Paper on Blockchain

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**Abstract:** Blockchain being a number one technology within the 21st century is revolutionizing each sector of life. Services are being provided and upgraded using its salient features and fruitful characteristics. Businesses are being enhanced by using this technology. Countries are shifting towards digital currencies i.e., an initial application of the blockchain. It omits the necessity of central authority by its distributed a ledger functionality.

#### Keywords: Blockchain

#### REFERENCES

- [1]. Yang, X., Chen, Y., & Chen, X. (2019). "Effective Scheme against 51% Attack on Proof-of-Work Blockchain with History Weighted Information." 2019 IEEE International Conference on Blockchain (Blockchain).
- [2]. Yu, S., Lv, K., Shao, Z., Guo, Y., Zou, J., & Zhang, B. (2018). A High Performance Blockchain Platform for Intelligent Devices. 2018 1st IEEE International Conference on Hot Information-Centric Networking (HotICN).
- [3]. Zheng Z, Xie S, Dai H, et al. An Overview of Blockchain Technology: Architecture, Consensus, and Future Trends[C]. IEEE International Congress on Big Data. IEEE, 2017.
- [4]. Ribeiro, S. L., & de Paiva Barbosa, I. A. (2020). Risk Analysis Methodology to Blockchain-based Solutions. 2020 2nd Conference on Blockchain Research & Applications for Innovative Networks and Services (BRAINS)

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[5]. Salman, T., Jain, R., & Gupta, L. (2019). A Reputation Management Framework for Knowledge-Based and Probabilistic Blockchains. 2019 IEEE International Conference on Blockchain (Blockchain).