

# Cryptocurrency: An Overview of its History, Technology and Future Prospects

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**Abstract:** *Cryptocurrency has emerged as a novel form of digital currency that operates independently of traditional financial institutions. This research paper provides an overview of the history and technology behind cryptocurrencies, including the development of Bitcoin, the first and the most well-known cryptocurrency. We explore the decentralized nature of cryptocurrencies, their advantages and disadvantages, and the underlying blockchain technology that enables their secure operation. Additionally, we examine current and prospects for cryptocurrencies.*

**Keywords:** Cryptocurrency, Blockchain, Mining, Decentralized

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