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Outline

1. Introduction
   1. Introduce topic: Blockchain and Cryptocurrency
   2. Introduce Paragraphs
2. First Paragraph: What is Blockchain?
   1. Brief history
   2. How does it work?
   3. Main applications
   4. Public vs Private blockchains
   5. “Smart Contracts”
   6. Security
   7. What industries can/will use it.
3. Second Paragraph: What is Cryptocurrency?
   1. Brief history
   2. How does it work?
   3. Main Applications
   4. Different types of coins and their uses
   5. Mining
   6. Using
   7. Investing/Purchasing
   8. Differences Between Coins
   9. Common Misconceptions
4. Third Paragraph: How do Cryptocurrency and Blockchain work together?
   1. Banking vs Blockchain
   2. Smart Contracts
   3. How is Blockchain used by Cryptocurrency
   4. Why is Blockchain the bedrock for cryptocurrency.
   5. Decentralization
   6. Cost Reduction
   7. Privacy
5. Fourth Paragraph: Problems to overcome both Cryptocurrency and Blockchain
   1. Cryptocurrency exchanges
   2. Finding a balance between privacy and functionality
   3. Laws and SEC
   4. Instability of price
   5. Price manipulation
   6. Mass adoption?
   7. Scams and Fake Coins
   8. Price of Transaction
6. Fifth Paragraph: Future of Cryptocurrency and Blockchain/Why is it important technology to pay attention to.
   1. Speculation
   2. Will there be mass adoption of cryptocurrency?
   3. Blockchain future uses
   4. Blockchain and banking
   5. Is decentralization the future for social networking and other platforms?

Works Cited

Ashford, Kate. “What Is Cryptocurrency?” *Forbes*, Forbes Magazine, 2 Feb. 2021, www.forbes.com/advisor/investing/what-is-cryptocurrency/.

General article on what cryptocurrency is. The author also speaks about how crypto currency works and how it is obtained. A brief explanation of crypto mining and other interesting information about cryptocurrency.

Conway, Luke. “Blockchain Explained.” *Investopedia*, Investopedia, 18 Nov. 2020, [www.investopedia.com/terms/b/blockchain.asp](http://www.investopedia.com/terms/b/blockchain.asp).

Conway speaks about what generally blockchain technology is. The storage structure of a blockchain network. How the blockchain ledger works and how it will benefit decentralization. He goes on to talk about the security of blockchain. Also, the connection between bitcoin and blockchain.

Copeland, Tim. “7 Biggest Problems the Crypto Industry Needs to Overcome.” *Decrypt*, Decrypt, 31 May 2019, decrypt.co/7267/seven-biggest-problems-crypto-industry.

Copeland talks about which in his opinion are the seven biggest issues with the current state of cryptocurrency. He goes over the issues that crypto has faced and is currently facing. Things such as legislation and the lack of good security on crypto exchanges.

Cowen, Tyler. *Bloomberg.com*, Bloomberg, 7 Feb. 2021, www.bloomberg.com/opinion/articles/2021-02-07/everything-will-soon-be-on-the-blockchain-whatever-that-means.

In this article Cowen speculates on the future of technology and blockchain. And, how a lot of the major things modern people use today will soon be hosted on the blockchain network. Not only financial applications but social networks and file sharing websites.

James Royal, Ph.D. “What Is Cryptocurrency? Beginners Guide to Digital Cash.” *NerdWallet*, 19 Feb. 2021, [www.nerdwallet.com/article/investing/cryptocurrency-7-things-to-know#:~:text=A%20cryptocurrency%20(or%20%E2%80%9Ccrypto%E2%80%9D,at%20times%20driving%20prices%20skyward](http://www.nerdwallet.com/article/investing/cryptocurrency-7-things-to-know#:~:text=A%20cryptocurrency%20(or%20%E2%80%9Ccrypto%E2%80%9D,at%20times%20driving%20prices%20skyward).

James covers basic information about cryptocurrency. What it is and the investment potential that they have. The laws around cryptocurrency and how to safely obtain and use it. Also, the reason that they are popular and have so many fans and people that believe it.

Mearian, Lucas. “What Is Blockchain? The Complete Guide.” *Computerworld*, Computerworld, 29 Jan. 2019, [www.computerworld.com/article/3191077/what-is-blockchain-the-complete-guide.html?page=2](http://www.computerworld.com/article/3191077/what-is-blockchain-the-complete-guide.html?page=2).

Mearien goes over the industries that will be affected and improved by blockchain technology. The way blockchain will be used for mobile payments. How blockchain will affect the healthcare industry and speculation on whether blockchain is all just hype.

Reiff, Nathan. “Forget Bitcoin: Blockchain Is the Future.” *Investopedia*, Investopedia, 28 Aug. 2020, [www.investopedia.com/tech/forget-bitcoin-blockchain-future/](http://www.investopedia.com/tech/forget-bitcoin-blockchain-future/).

Reiff argues that Bitcoin is not the thing to pay attention to and blockchain is the important technology out of the two that will be used in the future. He talks about how it can be used for identity management, supply chain and smart contracts.

“Stanford Online.” *What Does the Future Hold for Cryptocurrency? | Stanford Online*, online.stanford.edu/future-for-cryptocurrency.

Argument against cryptocurrency and why it is not the answer to fixing our world-wide banking system. Also talking about Libra Facebook’s cryptocurrency coin that has been a failure so far.