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## An Analysis of Cryptocurrency, Bitcoin and the Future

## Mr. Shubham Kadoo<sup>1</sup> and Ms. Khushboo Sodi<sup>2</sup>

Student, M.Sc. I.T., I. C. S. College, Khed, Ratnagiri, Maharashtra, India<sup>1</sup> Asst. Prof., Department of I.T., I. C. S. College, Khed, Ratnagiri, Maharashtra, India<sup>2</sup>

Abstract: A technology that was developed eight years ago is cryptocurrency, which is an encrypted, peer-to-peer network for facilitating digital barter. The first and most widely used cryptocurrency, Bitcoin, is paving the way as a disruptive technology for decades-old financial payment systems that have remained unchanged. Although cryptocurrencies are unlikely to replace conventional fiat currency, they have the potential to alter how Internet-connected global markets interact with one another, removing barriers to exchange rates and standard national currencies. The market in which a technology aims to improve is almost entirely responsible for its success. Technology advances at a rapid rate. By creating a fee-free trading system, cryptocurrencies may revolutionize digital trade markets. A SWOT analysis of Bitcoin is provided, which sheds light on some of the most recent happenings and trends that may have an impact on whether or not Bitcoin contributes to a paradigm shift in the economic system.

Keywords: Cryptocurrency, Bitcoin, Encrypted, Currency, Bitpay, Exchange Rates

## REFERENCES

- [1]. Bearman,J.(2015,May).TheUntoldStoryofSilkRoad,Pt.1.RetrievedfromWired.comWebsite:https://www.wired.com/2015/04/silk-road-1/
- [2]. Bitcoin:ANewGlobalEconomy.(2015,August4).RetrievedJuly2016,fromBitPay,Inc.Website:https://blog.bitpa-y.com/bitcoin-a-new-global-economy/
- [3]. Bovaird, C. (2016, June 24). Bitcoin Rollercoaster Rides Brexit As Ether Price Holds Amid DAO Debacle.RetrievedJune2016,fromCoinDeskWebsite:http://www.coindesk.com/bitcoin-brexit-ether-price-rollercoaster/
- [4]. Desjardins, J. (2016, January 5). It's Official: Bitcoin was the Top Performing Currency of 2015. Retrieved fromTheMoneyProjectWebsite:http://money.visualcapitalist.com/its-official-bitcoin-was-the-top-performing-currency-of-2015/
- [5]. Gerber, R. (2015, January 29). Why Apple Pay And Dollars Are Killing Bitcoin. Retrieved from Forbes InvestingWebsite:http://www.forbes.com/sites/greatspeculations/2015/01/29/why-apple-pay-and-dollars-are-killing-bitcoin/#23ac58a0b4b6
- [6]. Hileman, G. (2016, January 28). State of Bitcoin and Blockchain 2016: Blockchain Hits Critical Mass. Retrieved from Coin desk Website: http://www.coindesk.com/state-of-bitcoin-blockchain-2016/
- [7]. Hofman, A.(2014,March6). The Dawn of the National Currency–An Exploration of Country-Based Cryptocurrencies. Retrieved from Bitcoin Magazine Website: https://bitcoinmagazine.com/articles/dawn-national-currency-exploration-country-based-cryptocurrencies-1394146138
- [8]. Kar,I.(2016,June30). Everythingyouneedtoknowaboutthebitcoin,,halving "event. Retrieved from Quartzwebsite: http://qz.com/681996/everything-you-need-to-know-about-the-bitcoin-halving-event/
- [9]. Kasiyanto, S. (2016). Bitcoin's potential forgoing mainstream. Journal Of Payments Strategy & Systems, 10(1), 28-39.
- [10]. Kelly,B.(2014). The Bitcoin Big Bang: How Alternative Currencies Are About to Change the World.
- [11]. King, R. S. (2013, December 17). By reading this article, you"re mining bitcoins. Retrieved from Quartz. Com Website: http://qz.com/154877/by-reading-this-page-you-are-mining-bitcoins/
- [12]. Magro, P. (2016, July 16). What Greece can learn from bitcoin adoption in Latin America. Retrieved July 2016, from International Business Times Website: http://www.ibtimes.co.uk/what-greece-can-learn-bitcoin-adoption-latin-america-1511183

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