

# Blockchain: Study, Application and Future

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**Abstract:** Blockchain is the central technology which is used to create the cryptocurrencies, like bitcoin. From the invention of steam engine, electricity, and information technology, blockchain technology has been applied in many areas such as finance, judiciary, and commerce. The report is focused on its potential applications and explored how blockchain technology can be used to solve some problems. This report first introduced the feature, technologies and advantages of blockchain technology following by exploring some of the current block chain applications. Some innovative applications of using blockchain technology were proposed, and the benefits and challenges of using blockchain technology also discussed. This report explains the concept, need of Block chain. It attempts to highlights role of Blockchain in shaping the future of banking, financial institutions and in other sectors.

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