

# A Survey Paper on How Blockchain Can be used as an Alternative for Generic/Traditional Database

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**Abstract:** *Blockchain is a technology that has been popularized as the introduction to cryptocurrency. But Blockchain is first and foremost a database or a collection of records. If used correctly it can be one of the most secure data storing technology (database). It can be a very reliable and secure storage technology as compared to traditional technologies such as SQL and MongoDB. SQL stores data in tabular format and MongoDB uses JSON format which is a name/value format whereas Blockchain is stored in blocks that are connected using a hash. So the data in one block is not connected to the second block and hence if one block has been tampered with, the other blocks cannot be found. In this paper, we will go into detail about these major and minor differences about these databases when compared to Blockchain.*

**Keywords:** Blockchain, SQL, JSON, MongoDB, Cryptocurrency

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