

Cryptocurrency

What new investors need to know



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What we'll learn today

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History of Money



1000 BC – 400 AD

China has been using bronze knives and spades as money since around 1000 BC.

All modern coins are descended from the Lydian coins, which appear to have been invented about the 7th century BC in Asia Minor.

400–1450

Sterling silver coins were minted for currency.

First paper money introduced in China in 11th century.

Sher Shah Suri (1540–1545), introduced a silver coin called a rupiya

Bills of exchange were popular as European trade expanded at the end of the Middle Ages.

1450–1971

London's goldsmiths became forerunners of British banking and important developers of credit-based money.

First bank notes were issued by the Europeans.

Demand deposits in bank accounts that are available for withdrawal at the depositor's discretion

1971–present

Payment cards became dominant, Digital currency came into existence with the development of computer technology.

Bitcoin was introduced & blockchain came into the existence & became the first widely used decentralized cryptocurrency.

What is Cryptocurrency?



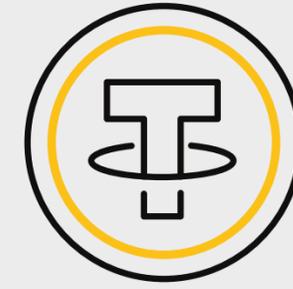
Cryptocurrencies are online payment systems that are denominated in virtual "tokens", a cryptocurrency is a type of digital asset that is based on a network that spans a huge number of computers which are represented by ledger entries on the system's internal ledger which is also called blockchain.

The term "cryptocurrency" comes from the encryption techniques used to keep the network safe.

Most Common Types of Cryptocurrency



BITCOIN



TETHER



LITECOIN



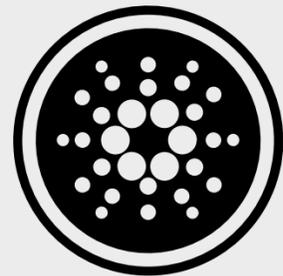
STELLER



DOGECOIN



POLKADOT



CARDANO



ETHERUEM



BINANCE



WHAT IS BLOCKCHAIN?

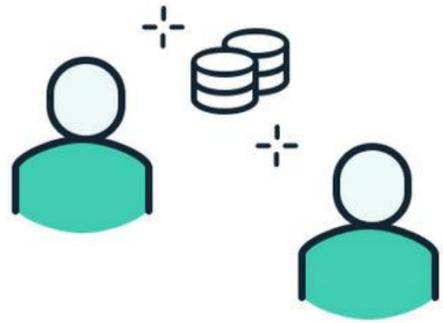
Blockchain is a method of storing data in such a way that it is difficult or impossible to alter, hack or cheat it.

A blockchain is a digital log of transactions that is duplicated and distributed across the network of computer systems. Each block in the chain contains multiple transactions. Each time a new transaction takes place on the blockchain, a record of that transaction is added to the ledger of each participant.

Blockchain is a sort of distributed ledger technology in which transactions are recorded using a hash, which is an immutable cryptographic signature.



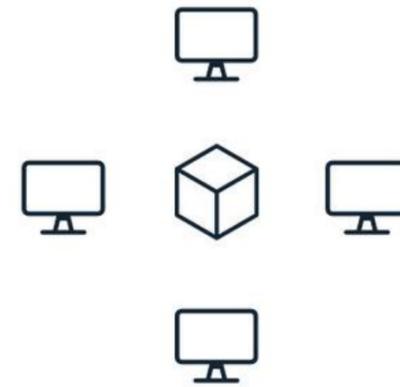
Transaction Execution in Blockchain



Alice wants to send money to Bob



Transaction is represented online as a block



The block is broadcasted to all the network



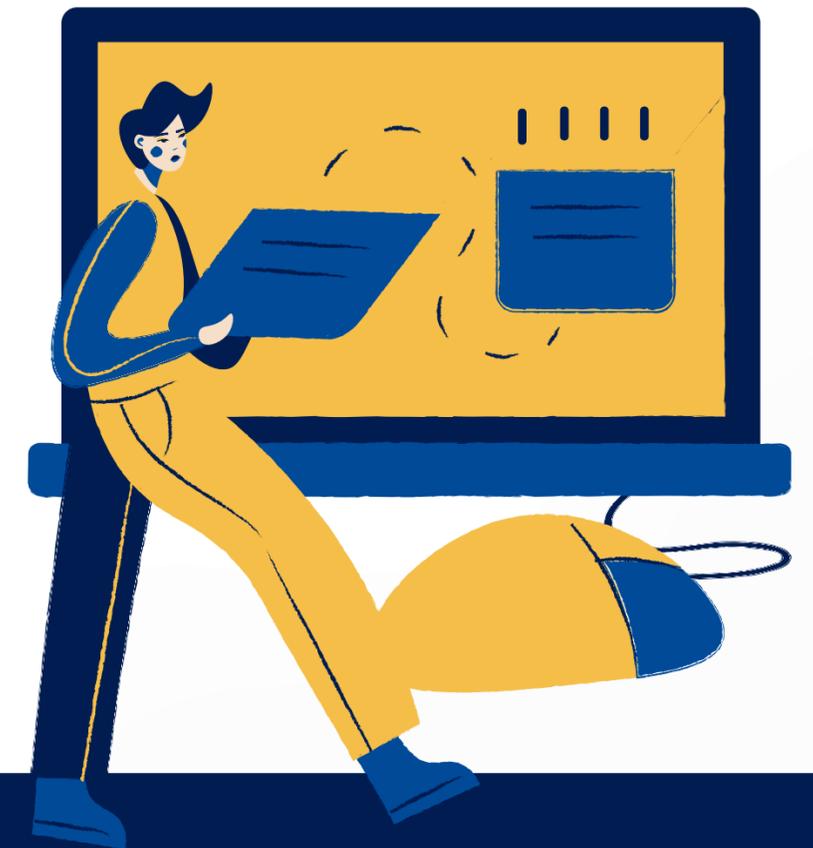
The network approves the transaction



The block is added to the existing blockchain



The transaction is complete



CRYPTOCURRENCY TAKING OVER THE TRADITIONAL MARKET

When it comes to investing, People prefer to do so in a way that allows them to earn the most money in the shortest amount of time with the least amount of risk.

In practically every forum where the financial market is addressed, terms like Blockchain, AI, and cryptocurrencies are trending.

Financial experts predict that by 2024, the compound annual growth rate would be over 12%.

This is when people began to question the role of tradition, as well as its future.

Despite the fact that humans have been using traditional currencies for ages, the widespread adoption of cryptocurrencies will help them to attain the credibility of a leading technology.



Cryptocurrency



The new age currency

- Some blockchains can provide global users with privacy, security, and access 24 hours a day, seven days a week.
- Cryptocurrencies can reduce transaction fees and make transactions more cost-effective.
- Cryptocurrencies could be useful tools for making the transition to a new digital economy that is global, trust less, and open.
- In the Internet of Things (IoT) environment, some cryptocurrencies allow millions of smart devices to conduct transparent and frictionless financial transactions without the need for human interaction.
- Some cryptocurrencies, like Bitcoin, are extremely open, making it simple for law enforcement agencies such as the IRS and the FBI to trace illicit behavior.
- When bitcoin is transferred, the so-called "journey rule" under federal anti-money laundering legislation requires financial institutions to send information about the source and beneficiary, which decreases the anonymity of crypto transactions.

How people are using this technology?

The big question?

01

For making payments in exchange for goods and services

02

For investment purposes and asset gathering

03

For day trading and making profits in short-mid-long terms

04

Taking care of the unbanked

05

Ethereum is used as a decentralized network for smart contracts and applications

06

IOTA is used as a protocol for connecting IoT services and resources

07

Fraudulent transactions and theft of crypto can be tracked and traced for security purposes

08

The world of blockchain is creating a lot of new employment opportunities for people

09

People are even mining cryptocurrencies with their private computer systems and generating passive income from home

