

Bitcoin Network and Currency

Bitcoin is a peer-to-peer electronic cash system that eliminates the need for centralized intermediaries such as banks or governments. It uses blockchain technology to support transactions between users on a decentralized network.

- ✓ The issuing of currency is carried out collectively by the network.
- ✓ Bitcoin is open-source; its design is public and nobody owns or controls the network. Everyone can take part.
- ✓ Transactions are authenticated through Bitcoin's proof-of-work consensus mechanism, which rewards cryptocurrency miners for validating transactions.

Blockchain Technology

Blockchain technology eliminates the need for a trusted party to facilitate digital relationships and is the backbone of cryptocurrencies.

- ✓ In its simplest form, a blockchain is a distributed list of transactions that is constantly updated and reviewed.
- ✓ Also known as distributed ledger technology, it can be programmed to record and track anything of value across a network spread around multiple locations and entities.
- ✓ While often associated with cryptocurrencies, blockchain technology is not exclusive to the digital asset market. With its unique ability to add/store data, it can serve many other functions across various industries.

How does Bitcoin work on the blockchain?

