

# Cryptocurrency

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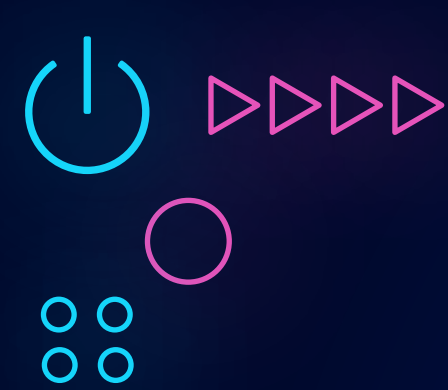


Image of Bitcoin

# Entry Ticket

What comes to your mind when you think of cryptocurrency and have you ever interacted with it before? (Turn and talk with a partner)



# Intro to Cryptocurrency



Satoshi Nakamoto on a coin



Cryptocurrency coins

**Definition:** a digital currency designed to work as a medium of exchange through a computer network that is not reliant on any central authority, such as a government or bank, to uphold or maintain it.

**Origin:** The first cryptocurrency was created by Satoshi Nakamoto, the pseudonym for an anonymous computer programmer or group of programmers, on January 3, 2009, when Bitcoin software was made available to the public.

**Why do people buy cryptocurrency?**

People invest in cryptocurrencies for the same reason anyone invests in anything. They hope its value will rise, netting them a profit. If demand for Bitcoin grows, for example, the interplay of supply and demand could push up its value.

**Fun fact!** Cryptocurrencies get their name from the cryptographic techniques that let people spend them securely without the need for a central government or bank.



# Popular Cryptocurrencies



## Bitcoin

A form of payment that isn't controlled or distributed by a central bank.



## Ethereum

Uses the same underlying technology as Bitcoin, but instead of strictly peer-to-peer payments, the cryptocurrency is used to pay for transactions on the Ethereum network.



## Altcoin (Dogecoin)

Altcoins is broadly defined as any cryptocurrency other than Bitcoin. A type of Altcoin is Dogecoin considered both the first "meme coin", and more specifically the first "dog coin".





# SOME STATS ABOUT CRYPTO

90%

Of people use  
Bitcoin as  
cryptocurrency.

50%

Of people use  
Ethereum as  
cryptocurrency.

45%

Of people use  
Dogecoin as  
cryptocurrency.

# Future of Cryptocurrency

## Advantages



- **Potential for High Returns:** Many early investors in cryptocurrencies like Bitcoin and Ethereum have witnessed staggering profits. However, it's important to note that cryptocurrency investments have inherent risks and should be approached cautiously.
- **Decentralization and Security:** One of the critical advantages of cryptocurrency is its decentralized nature. Transactions occur directly between individuals, eliminating the need for intermediaries such as banks. Additionally, blockchain technology ensures transparency and security, making it very difficult for people to tamper with transaction records.
- **Accessibility and Inclusivity:** Cryptocurrencies offer financial inclusion to individuals who may not have access to traditional banking services. With an internet connection, anyone can participate in cryptocurrency transactions.
- **Diversification of Investment Portfolio:** Investing in cryptocurrencies can provide diversification for an investment portfolio. Traditional investment avenues like stocks and bonds may have limited exposure to the cryptocurrency market. By including cryptocurrencies in a well-balanced portfolio, investors can mitigate risks and tap into the opportunities offered by this emerging asset class.



# Future of Cryptocurrency Disadvantages

- **Market Volatility:** Cryptocurrency markets are highly volatile and subject to significant short-term price fluctuations. While this volatility can present profit opportunities, it also carries substantial risks. Investors must be prepared for sudden price swings and potential losses.
- **Regulatory Uncertainty:** The regulatory landscape surrounding cryptocurrencies is still evolving in many jurisdictions. Uncertainty regarding regulations can impact the value and adoption of cryptocurrencies, creating an element of risk for investors.
- **Cybersecurity Risks:** Cryptocurrencies operate in a digital environment and are susceptible to cybersecurity threats. Hacking attempts, scams, and phishing attacks can result in the loss of funds. Investors must exercise caution and adopt robust security measures to protect their cryptocurrency holdings.
- **Limited Acceptance:** Despite the growing acceptance of cryptocurrencies, their mainstream adoption remains limited compared to traditional currencies. The limited acceptance can affect liquidity and pose challenges when converting cryptocurrencies into fiat currencies.





# TIMELINE OF CRYPTOCURRENCY

2009 >>>> 2013 >>>> 2015 >>>> 2018 >>>> 2021

The first  
cryptocurrency,  
Bitcoin was  
created by  
Satoshi  
Nakamoto

Another cryptocurrency,  
Dogecoin, was released  
by software engineers  
Billy Markus and  
Jackson Palmer, who  
decided to create a  
payment system as a  
joke, making fun of the  
wild speculation in  
cryptocurrencies at the  
time.

Ethereum, a  
cryptocurrency,  
is developed by  
Vitalik Buterin  
and Gavin Wood

In May 2018  
technology company  
Circle launched a  
cryptocurrency  
pegged to the US  
dollar called the  
USD Coin (USDC).

A bitcoin ETF is  
created which is an  
exchange-traded fund  
consisting of bitcoin  
and related assets  
that allows investors  
and traders to  
speculate on the  
value without  
directly holding  
bitcoin.



# Activity time!



Is it true or is it false?	True	False
Cryptocurrency is reliant on a central authority such as a government or bank		✗
Bitcoin is a type of cryptocurrency	✓	
50% of people use Ethereum as cryptocurrency	✓	
Cryptocurrencies does not offer financial inclusion to individuals		✗



# Exit Ticket

What type of Cryptocurrency did Billy Markus and Jackson Palmer create in 2013?

**Answer:** Dogecoin!



Billy Markus and Jackson Palmer

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# THANK YOU!

Do you have any questions?

