

Bitcoin, Blockchain, The Collapse of FTX and what's next in the crypto space





Workshop Topics

1

Introduction (5min)

Presentation of the speaker, introduction and preview of the main topics that will be covered.

2

Bitcoin, The King (15min)

Creation and the development of Bitcoin. Blockchain technology concept and its role in the Bitcoin network.

3

The Fall of FTX (20min)

Greed, incompetence, over-leveraged lending and what we can learn from it.

4

Blockchain Technology In The Future (10min)

Use case scenario & benefits, adaptation in finance, healthcare, and supply chain management.



Disclaimer



"Please note that the information provided in this workshop is for educational and informational purposes only and is not intended as financial or investment advice. The views and opinions expressed during the workshop are solely those of the speaker and do not necessarily reflect the official policy or position of any organization. Participants should conduct their own research and due diligence before making any financial decisions."



Marko Majic

CEO & Founder of Cosmos89

"Bitcoin is to traditional financial assets as the internet was to the postal system - a revolutionary technology that challenges the status quo and opens up new possibilities for how we store and transfer value."





Workshop Objectives



Our main objectives for this workshop are:

- Provide an in-depth understanding of Bitcoin and the potential it has for our future
- The failure of FTX, the comparison to the internet bubble of 2000 and what we can learn from it
- And the future of the cryptocurrency & blockchain industry



Workshop Goal

Our main goal for this workshop is...

... to empower you, the participants, with the knowledge and resources to educate yourself and your students on the importance of Bitcoin and other cryptocurrencies in the current and future economy.

Additionally, the participants will be able to recognize the potential risks and pitfalls in the cryptocurrency market, such as the fall of FTX, and understand how to mitigate them.





Our Financial System In A Nutshell

"The root problem with conventional currency is all the trust that's required to make it work. The central bank must be trusted not to debase the currency, but the history of fiat currencies is full of breaches of that trust."





Bitcoin, become a sovereign citizen

02





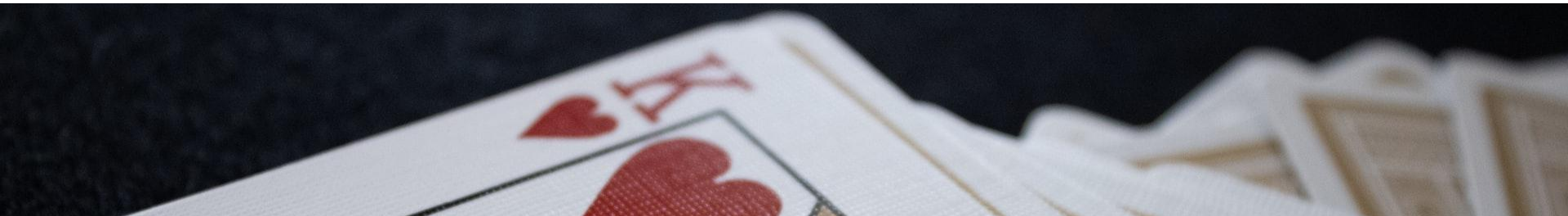
Bitcoin, The King

What is Bitcoin?

Bitcoin, created in 2009 by Satoshi Nakamoto, is a decentralized digital currency that is based on a peer-to-peer network. This means that there is no central authority controlling the currency, and transactions are made directly between users without the need for intermediaries.

Key Benefits of Bitcoin

- Decentralized
- Security
- Anonymous
- Borderless
- Fast
- Low fees
- Accessibility
- Transparent
- Limited Supply



Bitcoin Terminology



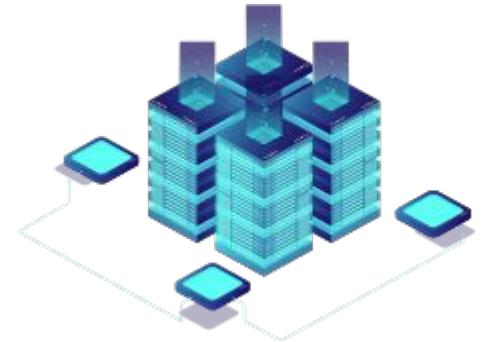
Bitcoin

Money



**Bitcoin
Network**

**Connected
Nodes**



**Bitcoin
Blockchain**

**Record of verified
Transactions (TX's)**



Bitcoin, The Halving Process

What's The Halving Event?

Bitcoin halving is an event where the reward for mining new Bitcoin blocks is cut in half, resulting in miners receiving 50% fewer Bitcoins for verifying transactions. Bitcoin halving occurs every 210,000 blocks which translate to approximately every 4 years.



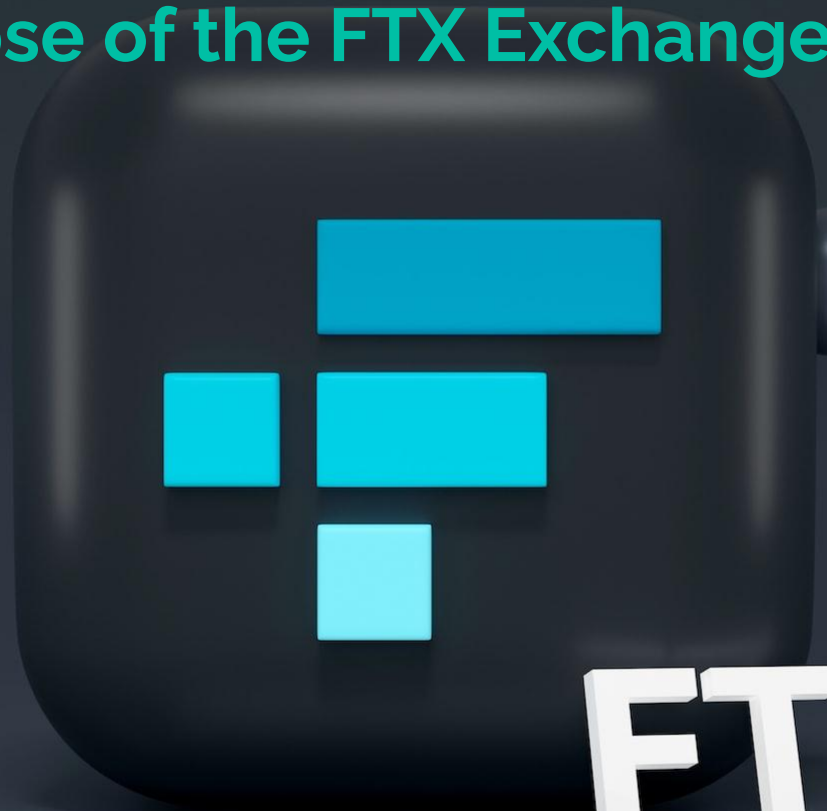
There are about 19.27 million Bitcoins already in circulation as of 01/24/2023. This leaves just around 1.8 million left to be released via mining rewards. The next Bitcoin halving is most likely to occur in 2024 and could have a dramatic impact on the Bitcoin price.





The collapse of the FTX Exchange

03



FTX



The failure of FTX

How and why did it happen?

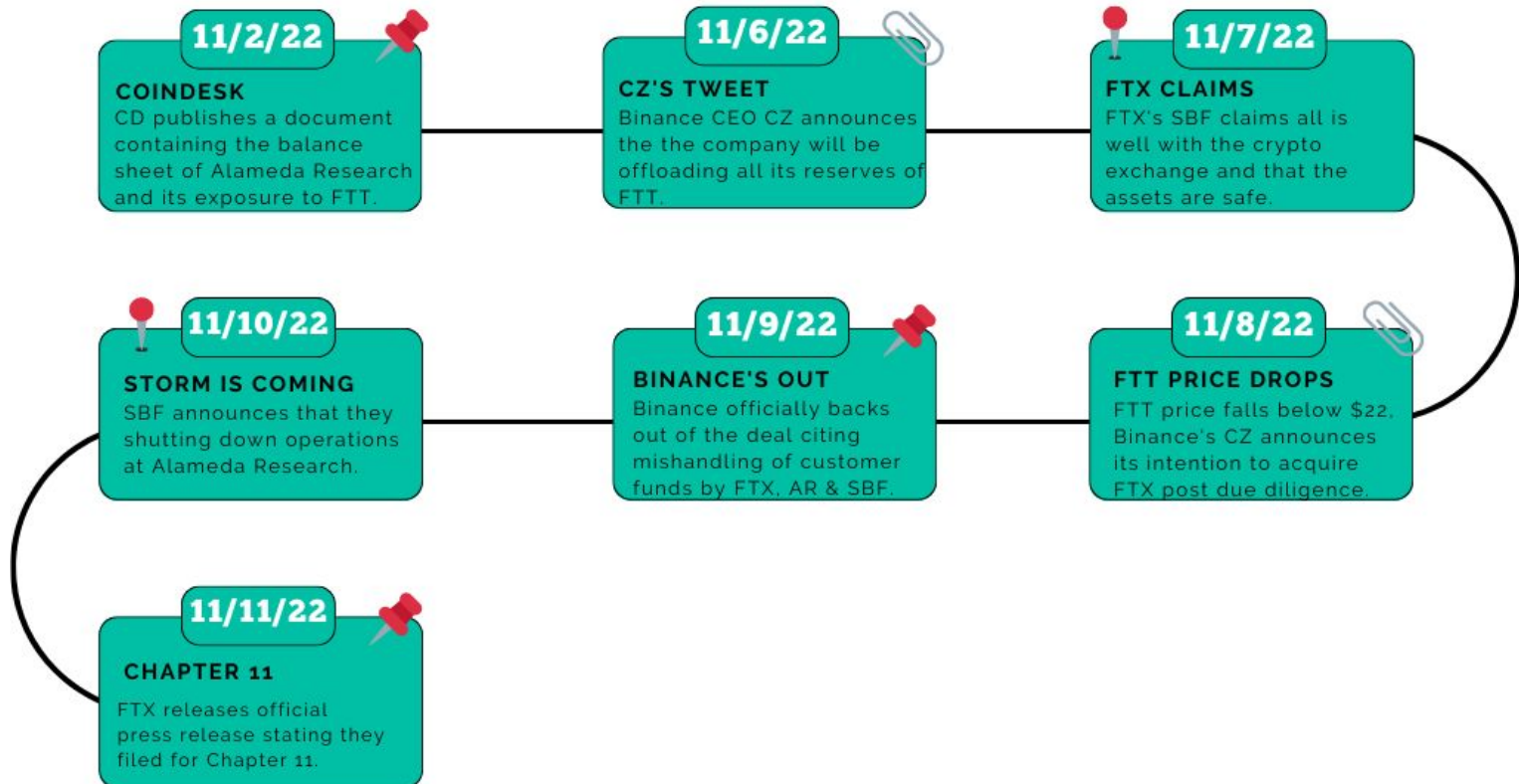
FTX failed due to a combination of factors including over-leveraging, undisclosed movement of customer funds, and poor risk management. FTX had a high level of leverage, meaning they borrowed a large amount of money to invest in the market, which left them vulnerable to market fluctuations.

Additionally, SBF (Founder & CEO) and his inner circle moved customer funds without disclosure, causing mistrust and concern among customers. Furthermore, FTX failed to implement a proper risk management process, leading to significant losses.

Reason FTX failed:

- Poor Risk Management
- Over leveraging
- Insider Trading
- Lack of proper regulations
- Internal Hacking
- Misuse of customer funds
- Market fluctuation
- Lack of trust & transparency
- Insufficient liquidity

The collapse of FTX - Timeline





FTX Collapse vs. dot.com bubble

FTX Collapse

- Involves the failure of a single cryptocurrency derivatives exchange.
- Caused by a combination of factors including over-leveraging, undisclosed movement of customer funds, and poor risk management.
- Affected a relatively small number of customers and investors.
- The specific reasons for the collapse have not been officially announced.

Dot.com Bubble

- Involves a speculative bubble in the value of internet-based companies in the late 1990s and early 2000s.
- Caused by a combination of factors including hype, speculation, and unrealistic expectations for the future of the internet.
- Affected a large number of investors and companies.
- The collapse of the bubble led to significant losses for many investors and companies, and a recession in the technology sector.



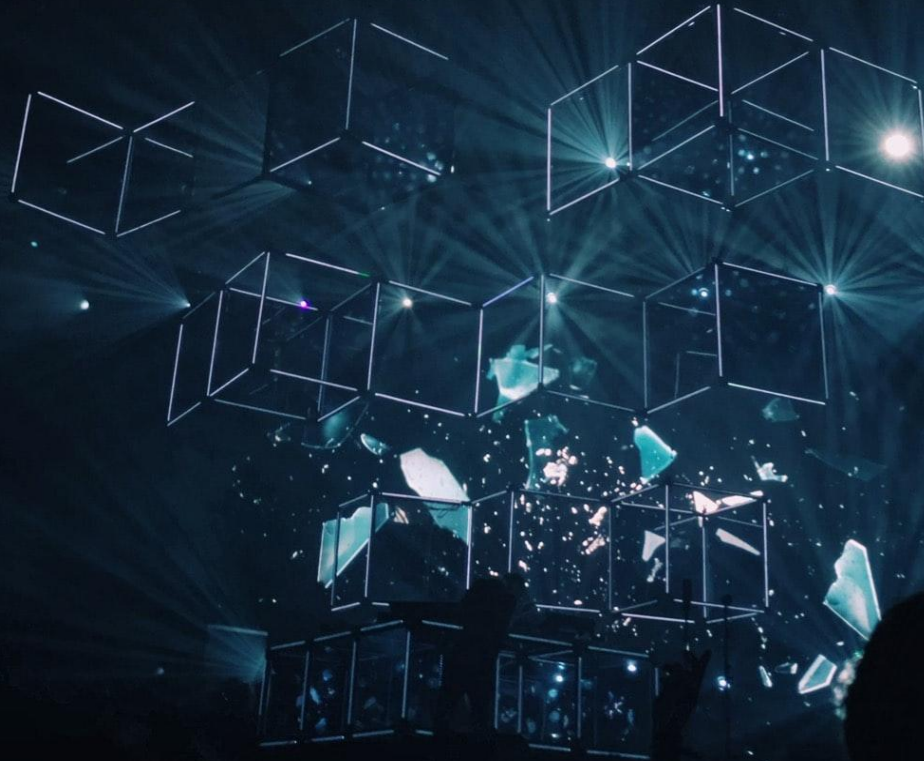
Avoid future mistakes: Key lessons

1. **Diversify your investments:**
 - a. The failure of an exchange like FTX highlights the importance of diversifying your investments across different platforms and assets.
2. **Always be aware of the risks:**
 - a. The collapse of FTX serves as a reminder to always be aware of the risks involved when investing in cryptocurrency and other digital assets.
3. **Keep an eye on exchange regulations:**
 - a. It's important to keep an eye on the regulations in place for the exchange you are investing with. Regulations are put in place to protect consumers and ensure the security of their funds.
4. **Keep your assets safe:**
 - a. Always ensure that you have proper security measures in place to protect your assets, such as using multi-factor authentication and keeping a backup of your private keys.
5. **Trust and transparency are key:**
 - a. Trust and transparency are key to building a successful exchange, the failure of FTX can be attributed to lack of trust and transparency among its customers. It is important to research and understand the platform and its management team before investing.



Blockchain Technology in the near future

04



Blockchain Technology in the future

Use Case of Blockchain Technology in the future

- **Finance:** Reduce the need for intermediaries, lower transaction costs, and increase access to financial services for people in developing countries.
- **Healthcare:** Secure and transparent medical records that are accessible to patients and healthcare providers.
- **Supply Chain Management:** Creation of an immutable record of all transactions in a supply chain. This can increase transparency, reduce fraud, and improve the efficiency of supply chain management.
- **Property & Land registry:** Create a decentralized land registry that is transparent, secure, and tamper-proof. This can increase access to land ownership, reduce fraud, and lower the cost of buying and selling land/property.
- **Digital Identity:** Blockchain technology can be used to create digital identities that are secure, transparent, and tamper-proof. This can increase the security and privacy of personal information and reduce fraud.
- **Digital voting:** Blockchain technology can be used to create secure, transparent, and tamper-proof digital voting systems, reducing the possibility of fraud and increasing the trust in the voting process.





Resources

1. [Blockchain Adoption Stage](#)
2. [Polygon Partnership](#)
3. [Moralis Blockchain Explained](#)
4. [Bitcoin Halving](#)
5. [Bitcoin Whitepaper](#)
6. [Gold Price Last 100 years](#)
7. [What happened in 1971](#)
8. **Presentations**
 - a. [Bitcoin Terminology](#)
 - b. [Bitcoin Use Case](#)
 - c. [Bitcoin ONE](#)



Book Recommendation

1. [Rich Dad, Poor Dad by Robert Kiyosaki](#)
2. [Richest man in Babylon by George Clason](#)
3. [The Millionaire next door by Thomas Stanley & William Danko](#)
4. [Think and grow rich by Napoleon Hill](#)
5. [The Bitcoin Standard by Saifedean Ammous](#)
6. [The Price of tomorrow by Jeff Booth](#)
7. [Bitcoin Billionaire by Ben Mezrich](#)
8. [Layered Money by Nik Bahtia](#)



THANK YOU.

For more questions, you can reach me at
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