

IS Cryptocurrency the future of Money?

→ YES / NO

The Current world of cryptocurrency

- it's chaotic
- it's risky
- it's exciting
- it's rapidly changing
- New currencies without Banks, governments, and other intermediaries.
- Abbreviated as Cryptos
- Original Currency "Bitcoin"
- Buy/sell /investment asset /services
- Crypto Uses
 - (1) Raise capital
 - (2) Manage digital assets
 - (3) Support innovative processes and businesses
 - (4) Disrupt financial institutions
 - (5) Unlawful uses

Organizations Supporting Cryptos

- JP Morgan
- PayPal
- Wells Fargo
- Goldman Sachs

Ban in Countries

- (1) Iraq
- (2) Bangladesh
- (3) China

- El Salvador Becomes first Nation to Make Bitcoin Legal Tender.

Experimenting own crypto like currencies

- (1) China
- (2) Britain
- (3) Sweden

①

②

Bitcoin & Ethereum

alt coin ecosystem

Other

Litecoin, Ripple, Cardano
Polkadot, Stellar

Binance

Buy/Sell

New Industry

dApps (Distributed apps) Web 3

run on Blockchain Tech.

- ① Anonymity
- ② Absence of Oversight

} cyber crimes
fraud / Hacking

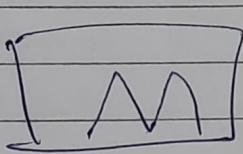
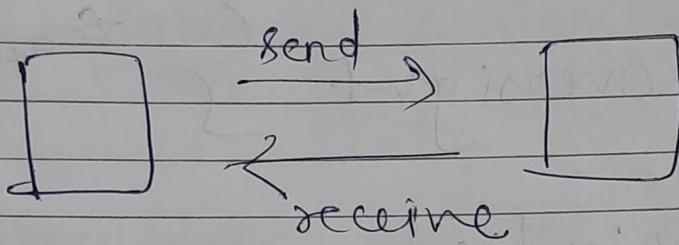
High Risks / Potential

double spend Problem / Arc between is same as block chain.

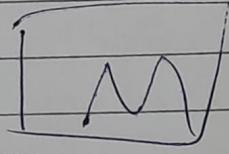
- 2008, a paper was written and published online

<https://bitcoin.org/bitcoin.pdf>

|
No Intermediary will req
for any transaction



Img



Img

- NO cost
duplication
- Pay
digitally
currency

The double-spend problem

| The system that keep
the track

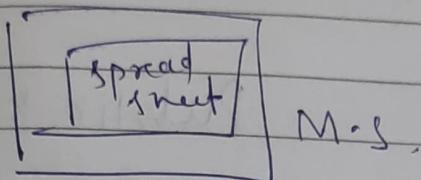
| Distributed ledger

| Blockchain

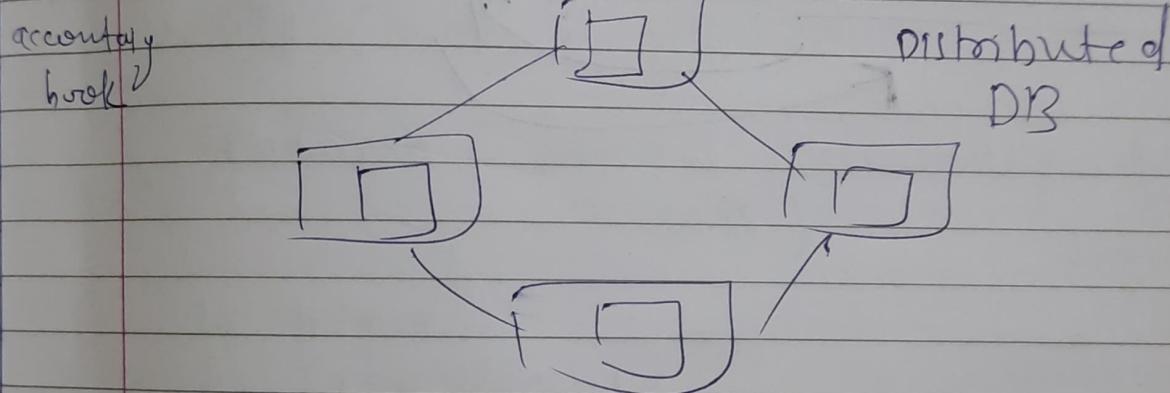
Blockchain

"Blockchain is a technology most used by cryptocurrency use to enable them."

e.g Cardano



A blockchain is a distributed digital ledger that contains time-stamped transactions.



Blockchain

- (1) Queries
- (2) validates
- (3) Addn to ledger

— transaction by code

ownership →
if participant 10 bitcoins

This can be achieved by
public & Private key

Number / return

f9

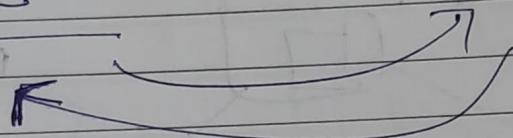
Private key Public key



key to
unlock



Mailbox



(13.4.2013)

new (1)

• stabile (e)

• sephal of abt a (e)

• abt f1 mit einem

Blockchain

↳ Bitcoin - Litecoin

Crypto tokens — ~~↳~~ Blockchain assets

Crypto Tokens

↳ They run on top of existing Blockchain

Represents physical & digital assets, utilities, & services.

e.g. car, Painting (₹ 5%).

NFTs (Non-fungible tokens)

Ethereum (proves ownership of an asset)

↳ Unique

↳ Irreplaceable

↳ Not equal to another token

(ICO) Initial Coin Offerings

↳ means to raise capital (Rare)

1) STO (Security token offerings)

- KYC ()
- AML ()
-
- DeFi (Decentralized Finance)

DeFi tokens

- Facilitate trading, payments & investments
- Governance tokens
- Fee tokens
- Collateral tokens

Tokenomics

is people playing
as

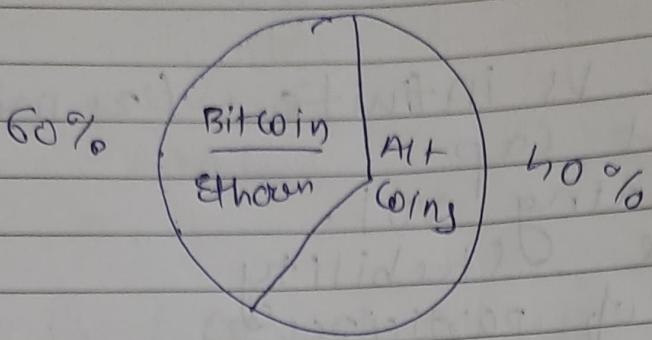
consumers
developers

cryptocurrency considerations

- finite vs infinite (21 mill)
- Mkt cap
- Trading vol.
- price stability
- no. of participants

Tokens considerations

② Creating a Cryptocurrency



- Binance coin, tether, solana

- Easy to create

- Bitcoin (Open source software) | Hard-forged

Benefits of our Crypto

- ① Own monetary
- ② Own mechanism
- ③

- Plenty of Scams.

XRP support ripple

Ether

Hardware

Method 1 Harder Way

take Original Bitcoin · open - some code
modify / copy (github.com/bitcoin)

will require programming skills.

Method

2 Third-Party services

- Crypto tokens (runs on existing blockchain)

L rally.io

or createmytoken.com

Limitations

less flexible
services less
flexible

Method 3

Use ethereum Blockchain
(Req. technical skills)

Cryptographic system public &
private key

Public key

Private key

- keys are stored in crypto wallet
- ↳ data is recorded in Blockchain

Paper Wallet : private & public keys
written on paper.

- highly risky

Hardware wallets

Software Wallets

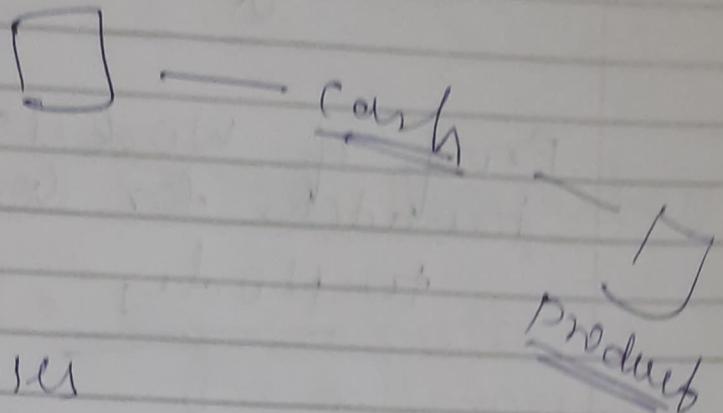
Free Options also available

↳ backups
↳ security

The cryptocurrency mining process

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Traditional



Mining Purpose

- ① validate transactions
- ② new crypto is introduced

miner [competing power]

① Proof of Work,

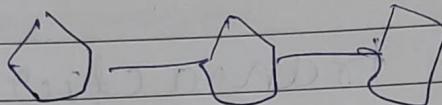
↳ The effort that miners expend.

② solve the mathematical problem

Hashing converts the contents of the previous block of transactions into a unique alphanumeric output.

- small communities
- New crypto

Proof of Work is
broadcast for consensus
to Nodes



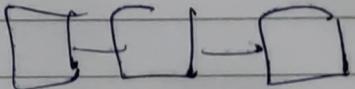
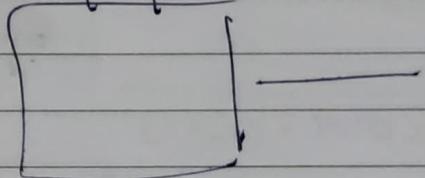
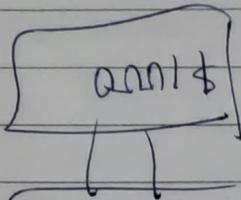
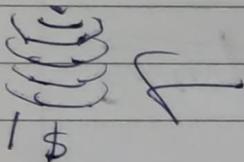
Unique relationship
between each block

- complex part

Prop and ht = +4 sec

2nd purchase

4! m



(shop as) 03 \$ 5 \$

Basic Reg. for Min.

At 20% F

of students in outcome and quality
will be higher than the most
the more earned from learning

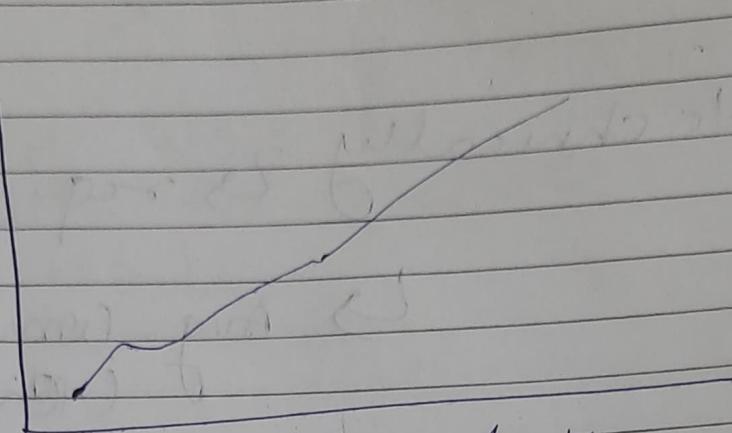
(student groups)
by avg computer

- to directly be as simple
purchase

Mining: classifying the right hardware
and software

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Time
needed to
solve hash



complexity of the

hashing function

as Cryptocurrency

difficulty

\$5 per day | Basic low
cost crypto

Example.

Mining Rig Req :-

- Hard drives
- Memory
- CPUs
- GPUs

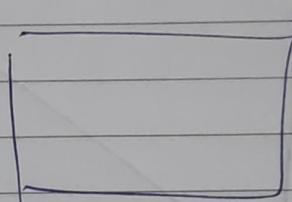
- 6 GPUs

- special housing fans
more power isolated

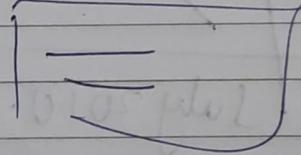
~~874~~
550 watts / 1200 watts

~~compress~~

Car Garage



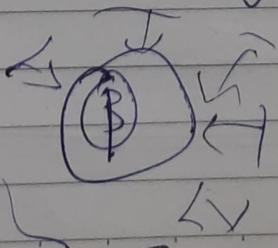
Warehouse



miningcanal.com

ASIC miners

Applic specific integrated Circuit



Minning
PUB/O

Cloud Mining

The Challenges of Cryptomining

\$67,000

\$0.08

July 2010

Nov 2021

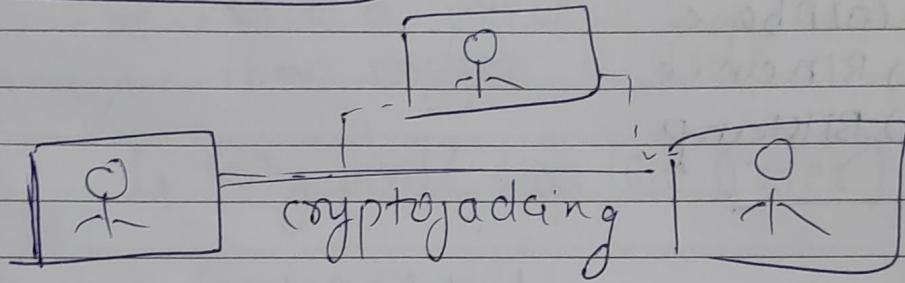
Cryptofarming

climetic Crisis Energy problems

Proof of Stake

A process where crypto owners, also known as validators, offer substantial crypto as collateral for the chance to validate blocks.

Crypto Reward



- know the risks
- act accordingly

INVESTING in Cryptos

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- Method of payment

like:- By a pizza

CryptoExchanges :- paypal,
alley) Bank

- Easy as Buying a stock

- (1) Coinbase
- (2) Binance
- (3) Bitstamp

Create account before depositing
flat currency.

① Transaction fee :- ~~the eye~~
~~keep~~

② ~~Hodling~~ -] Its Risky
Hodlery

Investing techniques and TRADING

10 yrs — 11 years
8 cent \$ 65,000

- Holding

- position Trading

↳ Reach a price
then trigger a sale

↳ safeguard (stop loss order)

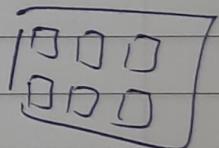
↳ mechanism

↳ less risky

- swing Trading (days to weeks)

↳ highly risky

↳ constant attention



↳ ETF (Exchange-traded fund)
(BITO)

Investing techniques and tools

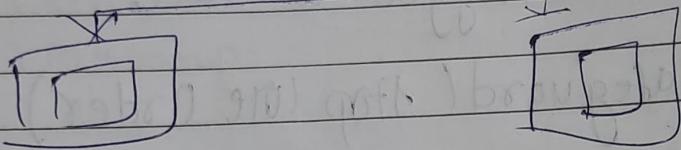
20 yrs ————— 11 years
 8%
 \$ 1000 → \$ 65,000

- Hedging
- position Trading
 - ↳ reach a price
then trigger a sale
 - ↳ safeguard (stop loss Order)
 - ↳ mechanism
 - ↳ less risky
- swing Trading (days to weeks)
 - ↳ highly risky
 - ↳ constant attention
 - ↳ ETF (Exchange-traded fund)
(BITO)

Crypto ETF

- Convenient & simple with mgmt fees.
- Limited by the SEC
by law change

Stable Coin peer to peer



remove furniture

Crypto tools for Inventory

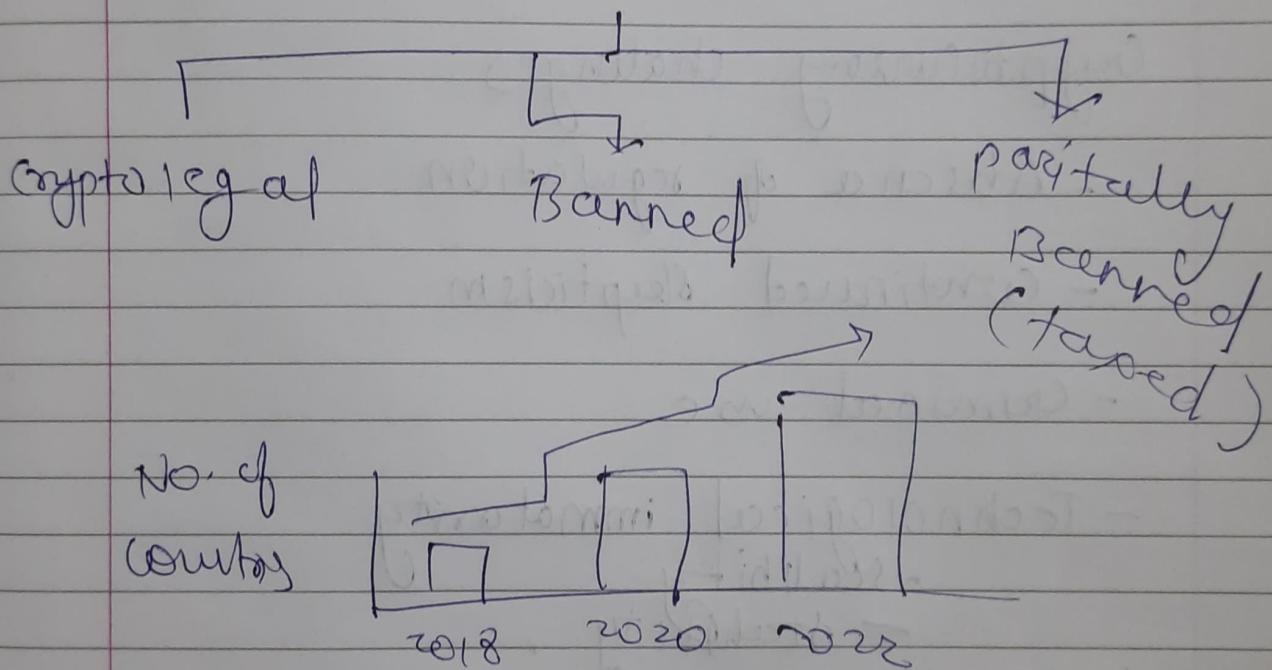
- details of companies
- historical data
- trend information
- insights
- market watching solutions

Other tools

~~proffessor Wright~~

The Future

- Wait & See Approach
- people thought : it will fail



(SEC) → security Exchange Commission

National cryptocurrencies :-

UAE	Sweden
China	Russia
Estonia	Venezuela

challenges Ahead

(1) New startups

(2)

What is the purpose of
this new cryptocurrency?

Cryptocurrency challenges

- Absence of regulation
- continued skepticism
- criminal use
- Technological immaturity
 - scalability
 - strength

- Risks
Holding

Blockchain
Payment