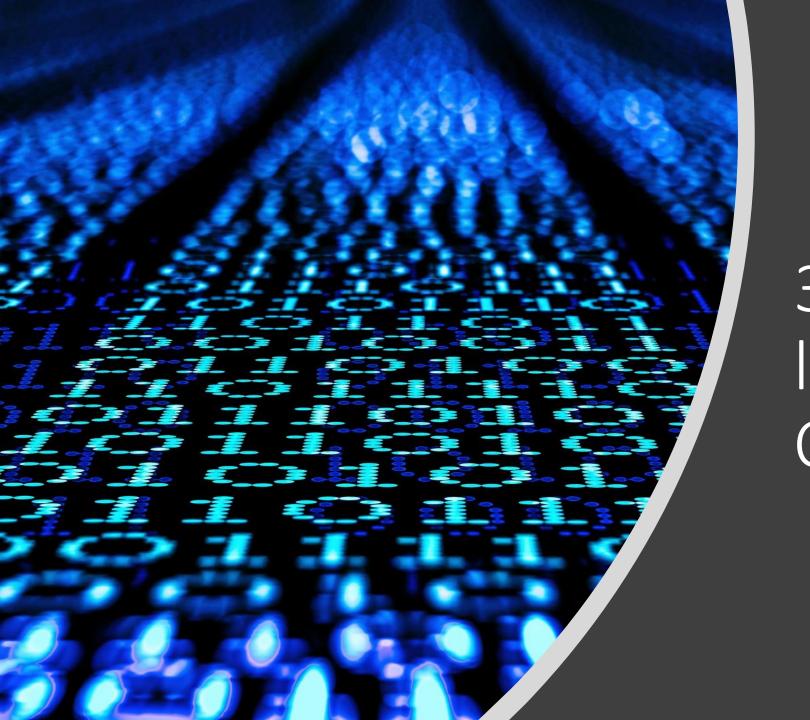
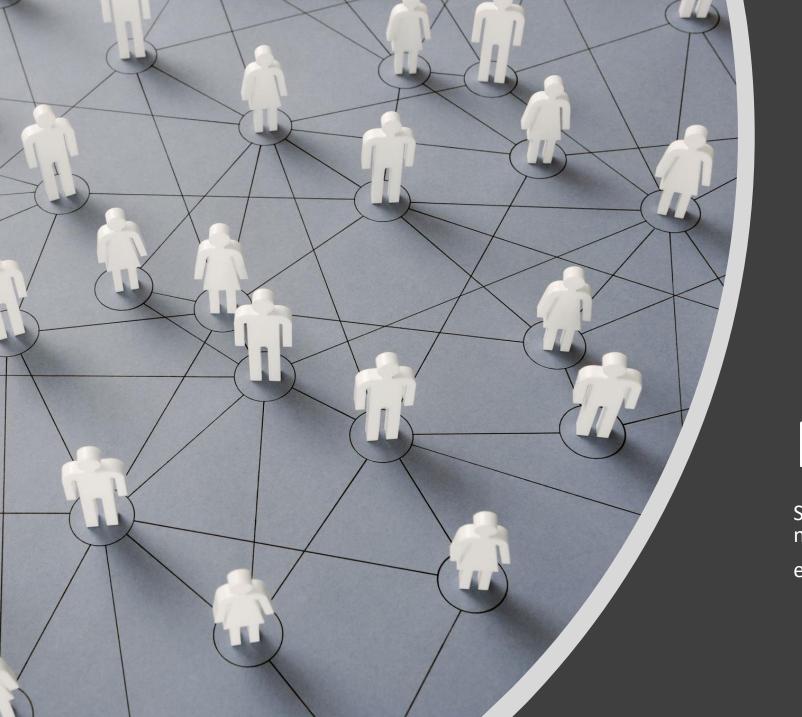




What is Bitcoin?



3 important layers in Crypto World



Protocol:

Set of rules that guide how participants of network communicate with each other

e.g: IP (Internet Protocol), HTTP protocols

Bitcoin Protocol:



SET OF RULES HOW PARTICIPANTS
OF BITCOIN NETWORK WILL
COMMUNICATE TO EACH OTHER
AND AGREE ON THINGS



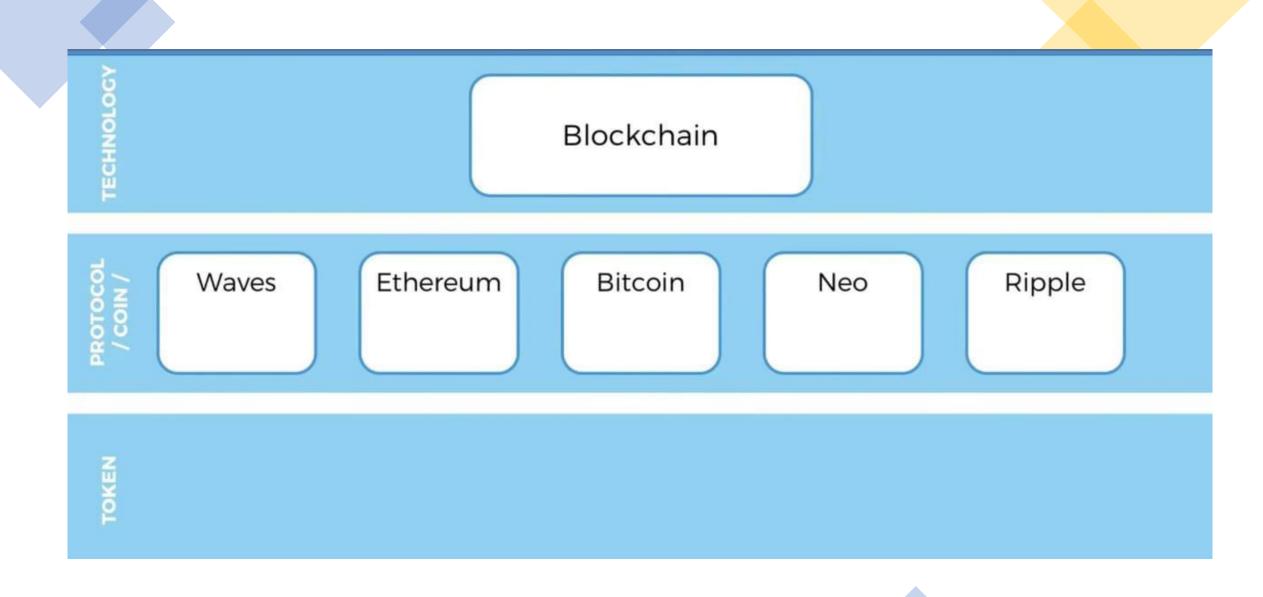
FOR EXAMPLE, PROTOCOL
DICTATES HOW THEY COME TO
CONSENSUS OVER THINGS



HOW PUBLIC KEYS AND
SIGNATURES CAN BE USED FOR
AUTHENTICATION



ALSO DICTATES ON HOW AGREE ON UPDATES TO THE PROTOCOL ITSELF ETC.



Blockchain

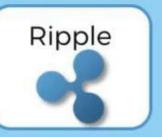
PROTOCOL / COIN /











TOKEN

PPT

BNB

::: ICO: Initial Coin Offering ---term related to tokens

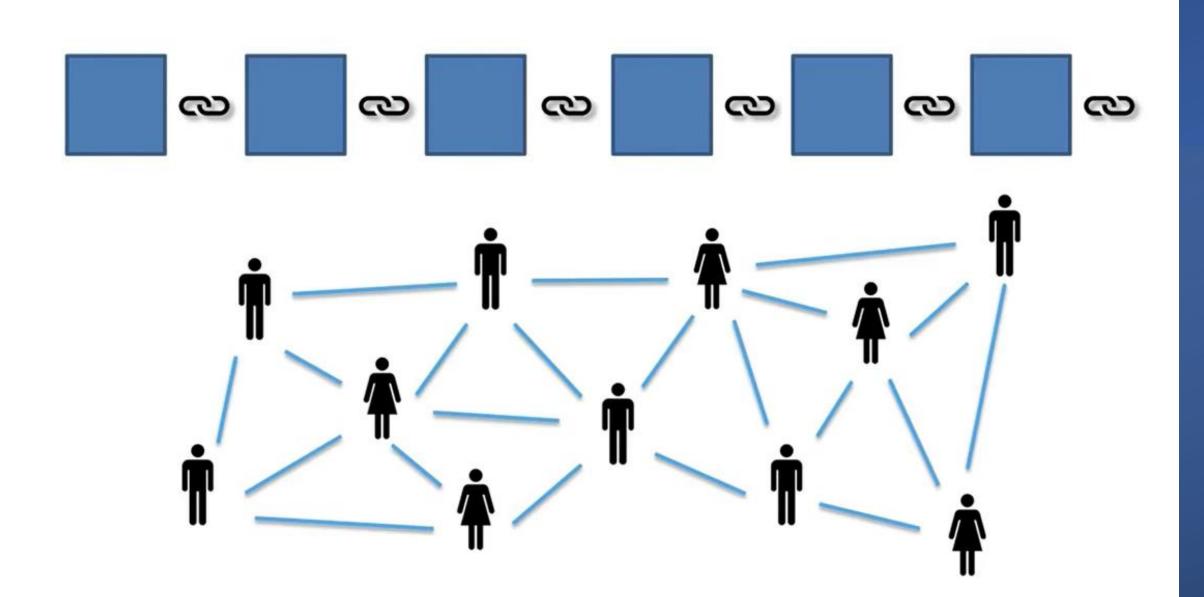
ONT

IAM





Satoshi Nakamoto



The Bitcoin Ecosystem:

Nodes



Large Mines



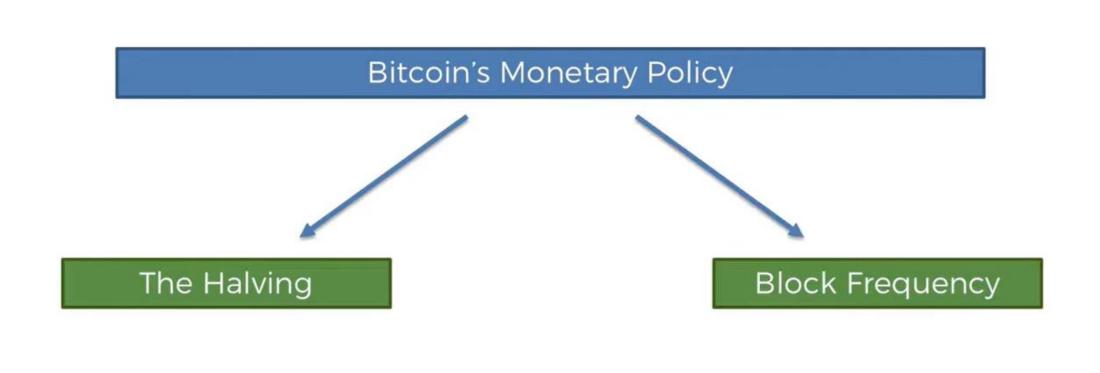
Miners



Mining Pools



Bitcoin Monetary Policy



The Halving

~2020: 6.25

~2024: 3.125

Date reached	Block	Reward Era	BTC/block
2009-01-03	0	1	50.00
2010-04-22	52500	1	50.00
2011-01-28	105000	1	50.00
2011-12-14	157500	1	50.00
2012-11-28	210000	2	25.00
2013-10-09	262500	2	25.00
2014-08-11	315000	2	25.00
2015-07-29	367500	2	25.00
2016-07-09	420000	3	12.50
2017-06-23	472500	3	12.50

The Halving

TRANSACTION FEES ARE MEANT TO REPLACE BLOCK REWARDS



Source: https://bitsonblocks.net



https://chart-studio.plotly.com/~BashCo/5.embed

Block Frequency

Cryptocurrency	Average block time	
B bitcoin	10 min	
ethereum	15 sec	
ripple	3.5 sec	
2 litecoin	2.5 min	



Acknowledgement and Source:

• https://www.udemy.com/course/build-your-blockchain-az/