

HOW TO DISCUSS BLOCKCHAIN WITH YOUR C-SUITE

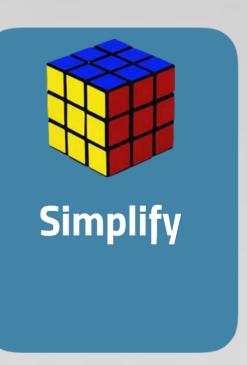
ALONZO SEXTON MD



3 GOALS











EXTRAORDINARY CLAIMS





Lower IT Cost & HIPPA Risk



Interoperability

BLOCKCHAIN USE CASES

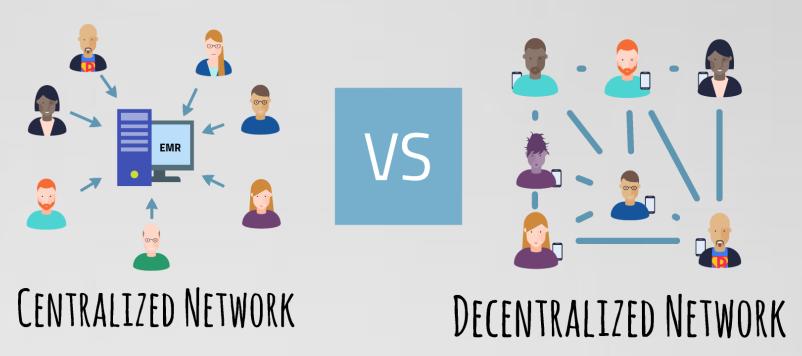




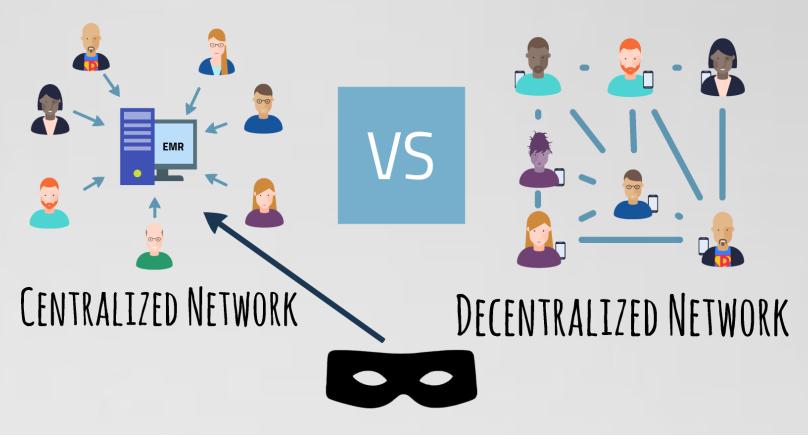
BLOCKCHAIN USE CASES

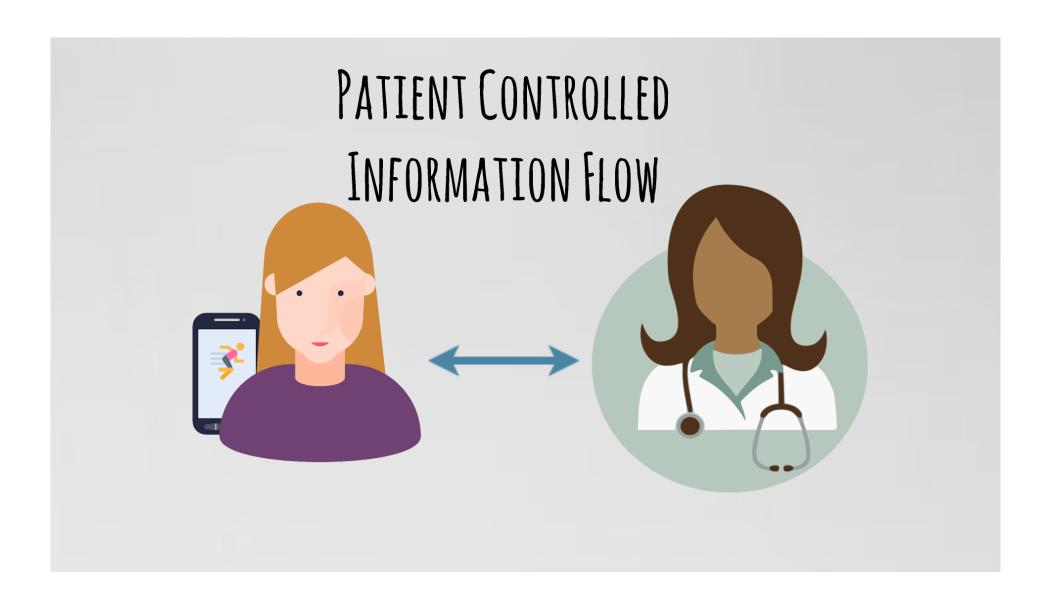


PATIENT CONTROLLED HEALTH RECORDS

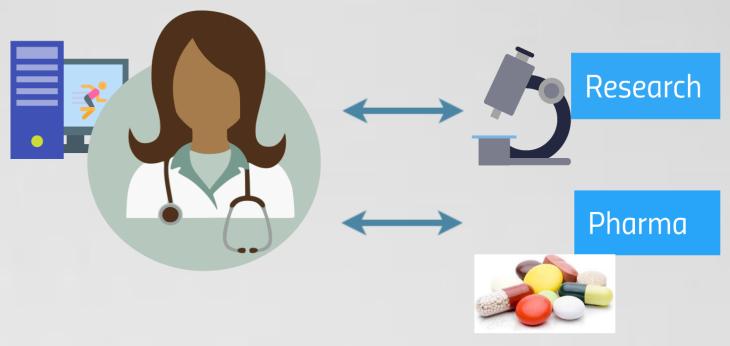


PATIENT CONTROLLED HEALTH RECORDS





PERMISSIONED SHARING



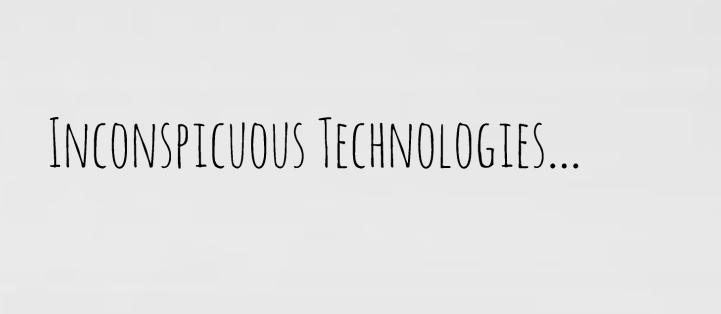
VALUE CREATION Advertisers Marketing



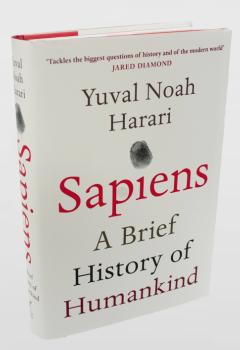
"This invention will produce forgetfulness in the minds of those who learn to use it because they will not practice their memory. Their trust in (this technology) produced by external characters which are no part of themselves will discourage the use of their own memory within them. You have invented an elixr not of memory, but of reminding and you offer your pupils the appearance of wisdom not true wisdom"

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-Plato (channeling the non writer Socrates) 400 BCE



HOW DO WE TRUST?



STORIES & MYTHS



EVOLUTION OF TRUST





Institutional Model
"Centralized Trust"





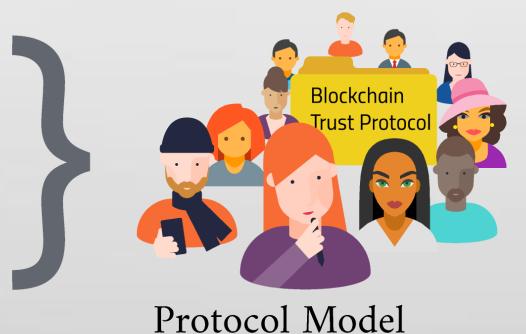
EVOLUTION OF TRUST

Local Model

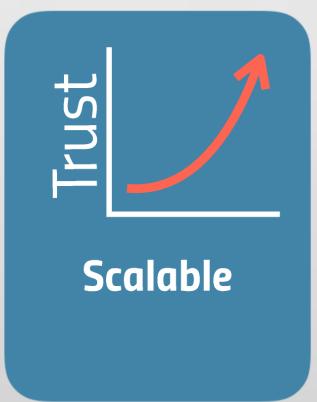


Institutional Model "Centralized Trust"





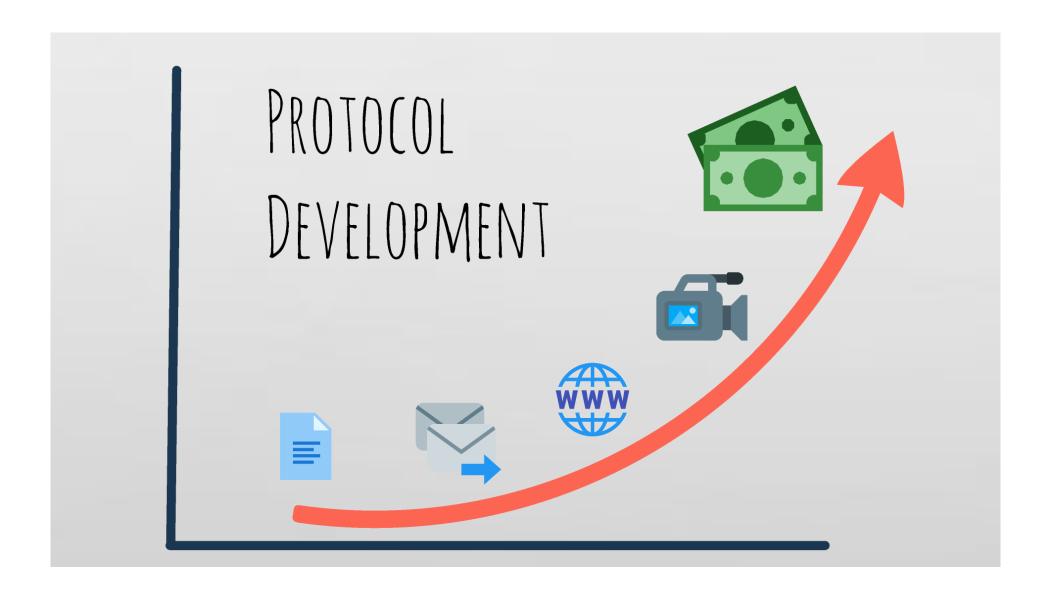
OPEN BLOCKCHAIN: THE BIG IDEA





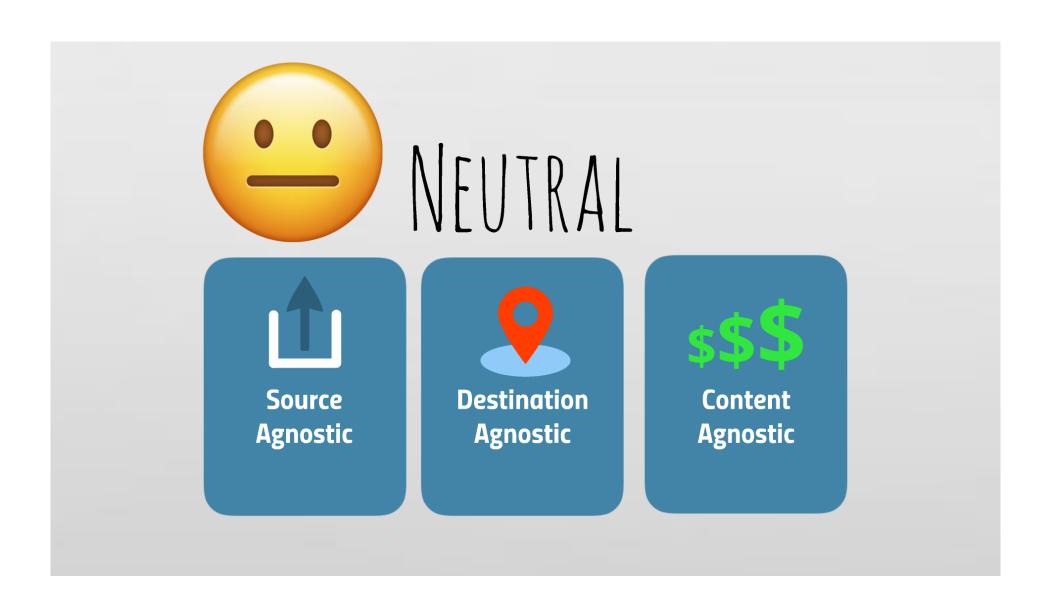
INTERNET PROTOCOLS

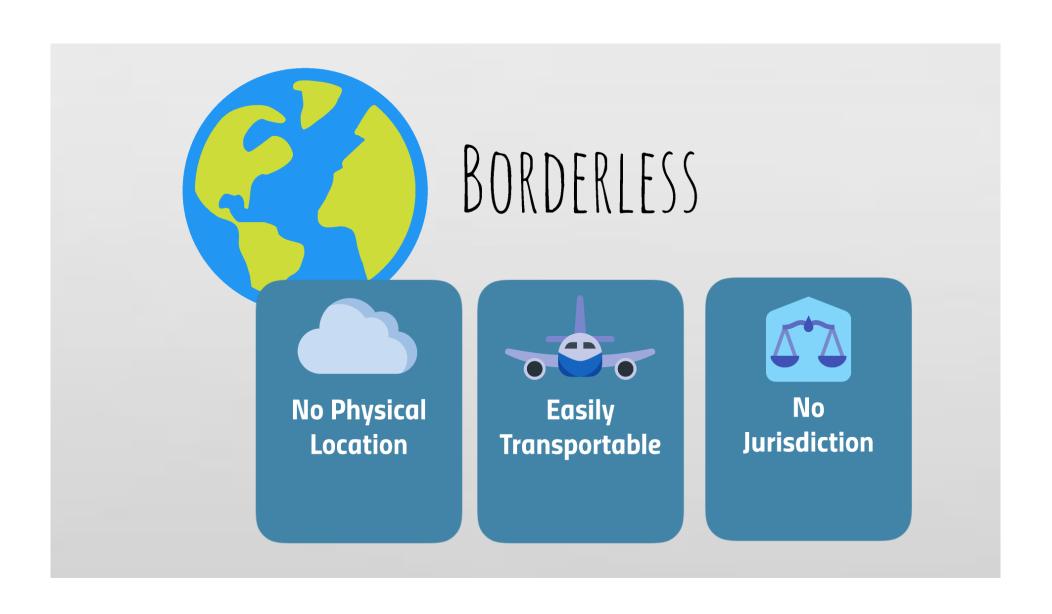




5 PILLARS OF OPEN BLOCKCHAINS







CENSORSHIP RESISTANT



"Can't instead of won't"

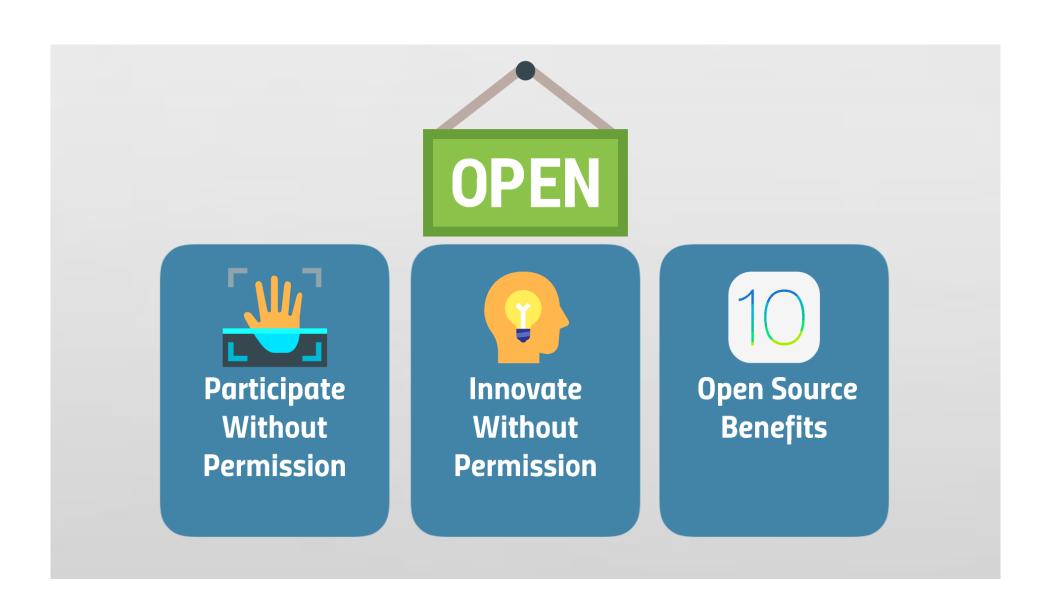


Permanent



Unable to be shut down





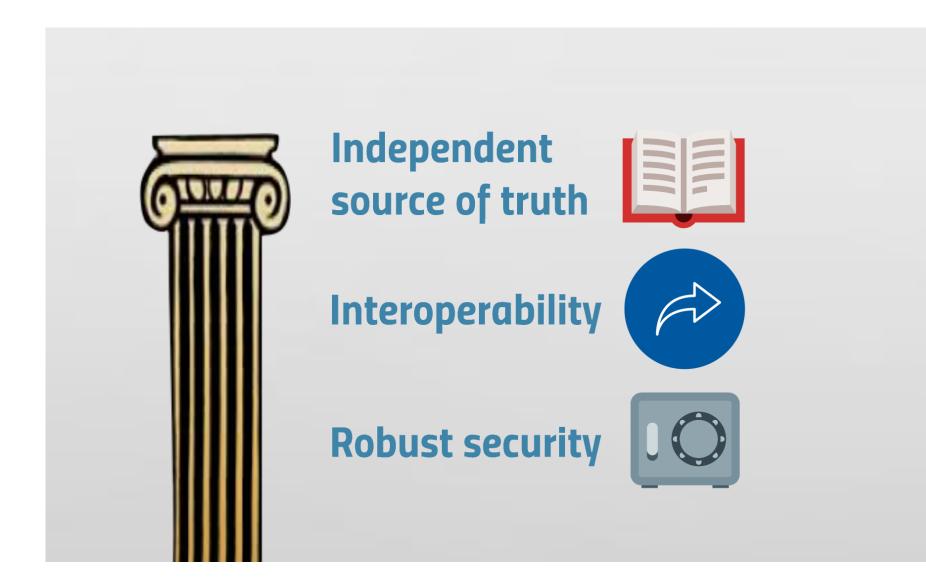


PUBLIC VERIFICATION









5 PILLARS OF OPEN BLOCKCHAINS



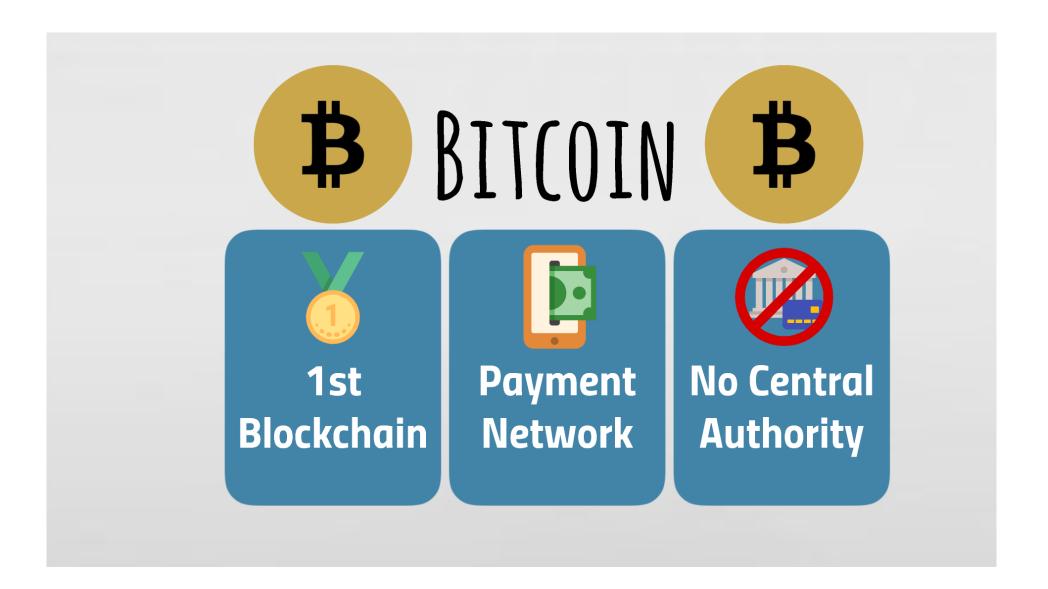


DISTRIBUTED LEDGER

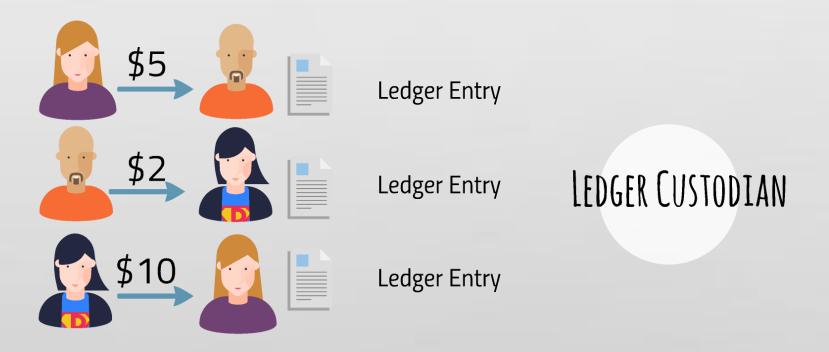
CRYPTOGRAPHY

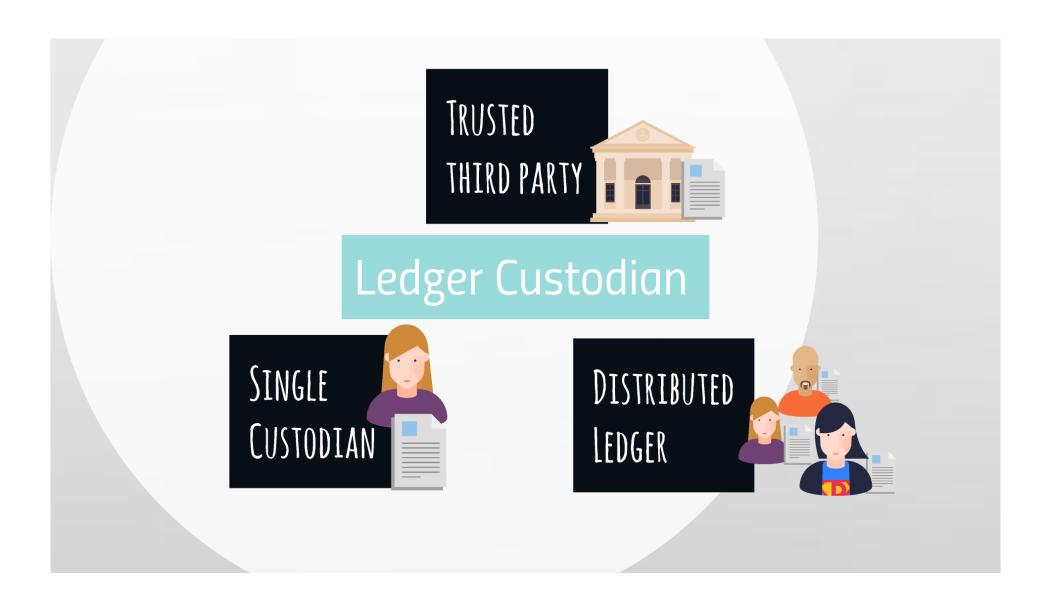
PROOF OF WORK

BLOCKCHAIN



DISTRIBUTED LEDGER





DISTRIBUTED LEDGER CONCERNS



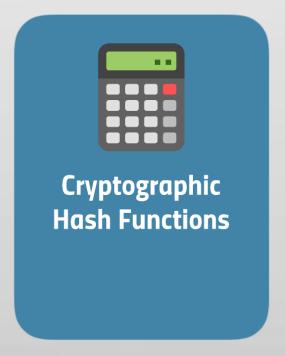
DISTRIBUTED LEDGER

CRYPTOGRAPHY

BLOCKCHAIN

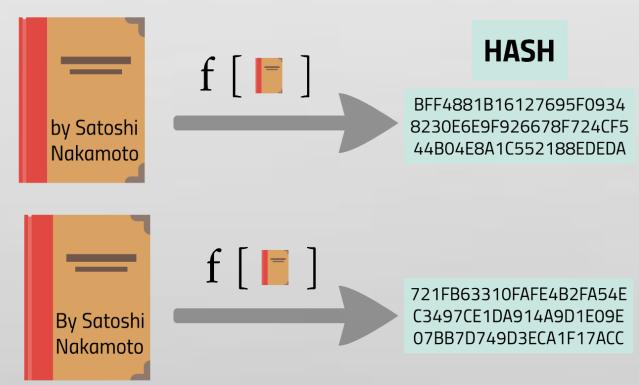
PROOF OF WORK

CRYPTOGRAPHY

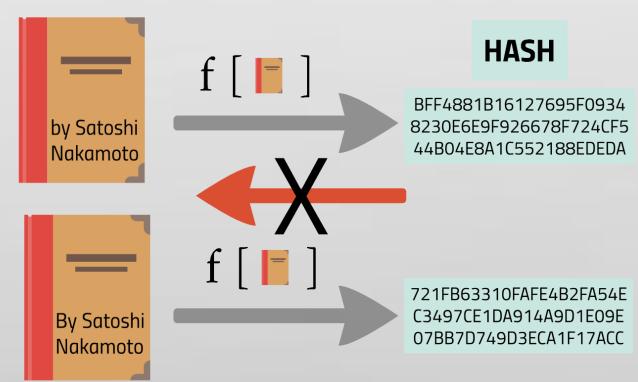




CRYPTOGRAPHIC HASH FUNCTIONS



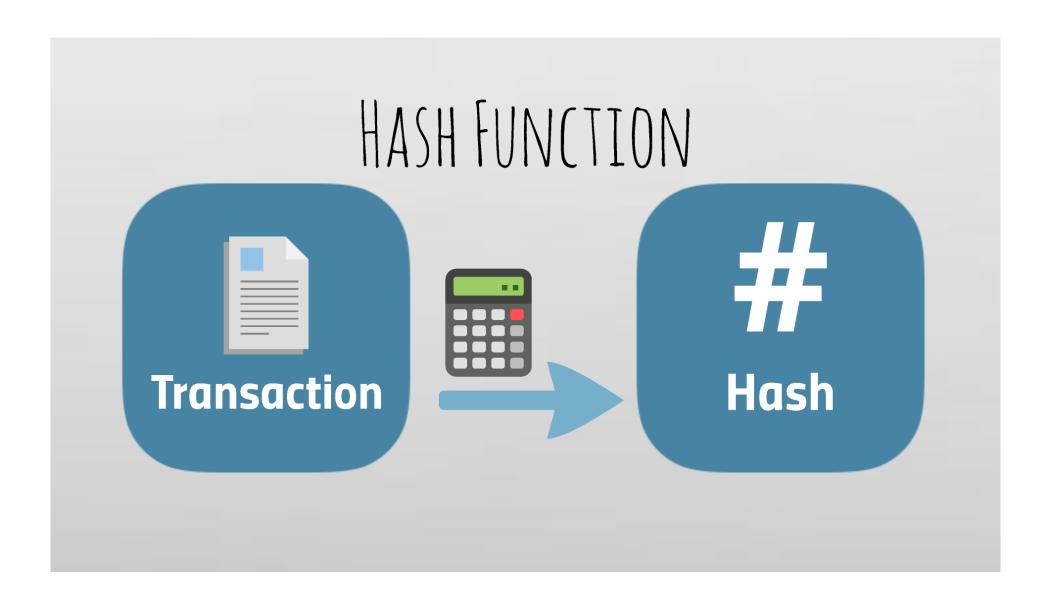
CRYPTOGRAPHIC HASH FUNCTIONS



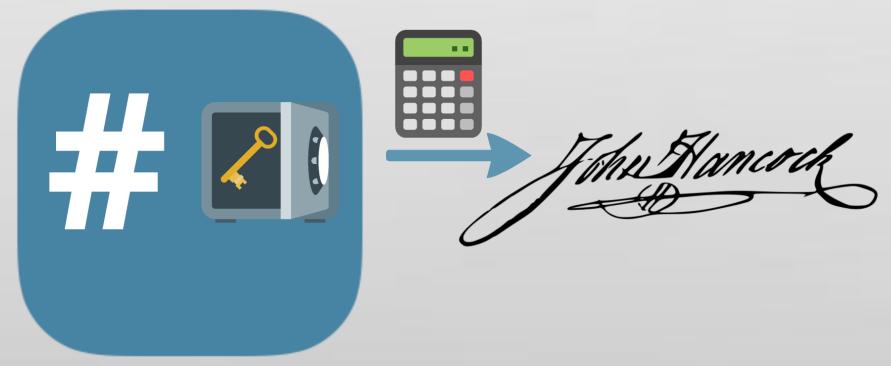
DIGITAL SIGNATURES







SIGNING FUNCTION



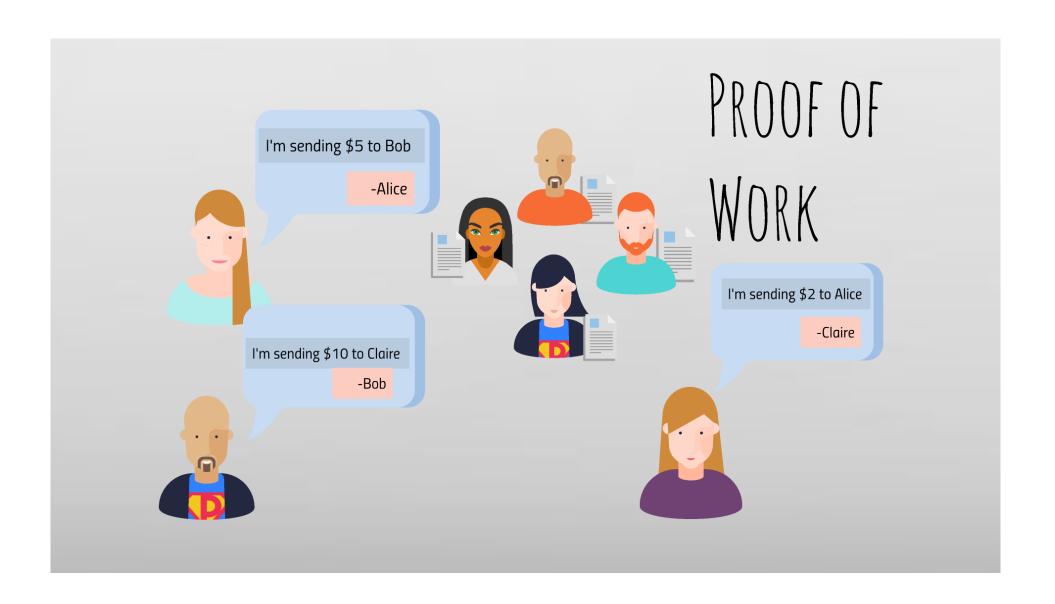
VERIFYING FUNCTION

WHAT IT MEANS TO OWN A BITCOIN



"Your key, your bitcoin, not your key, not your bitcoin"

-Andreas Antonopolous

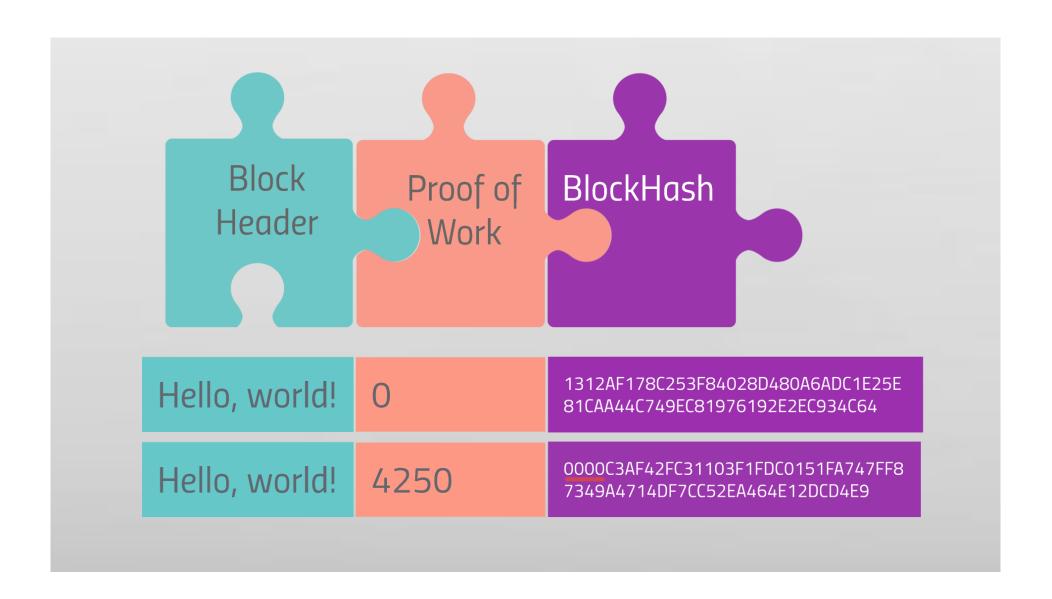


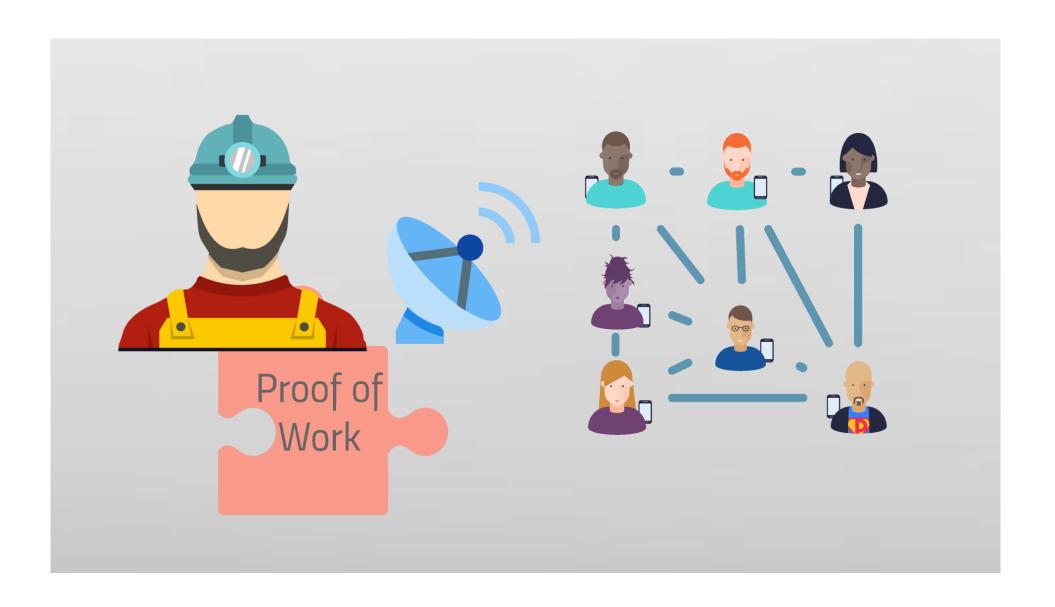
ROLE OF MINERS















Blockchain Vocabulary

SHA 256 ECONOMIC dApps Fat Protocol INCENTIVES Double spend Open source HARDWARE CENSORSHIP Consensus mechanism WALLET Proof of work RESISTANT Ethereum DIGITAL SCARCITY GAME THEORY IMMUTABILITY BYZANTINE Hash Function (RYPTOCURRENCY PUBLIC & PRIVATE KEY GENERALS PROBLEM DOUBLE SPEND CRYPTOGRAPHY Tokens SMART CONTRACTS HashCash IMMUTABILITY



