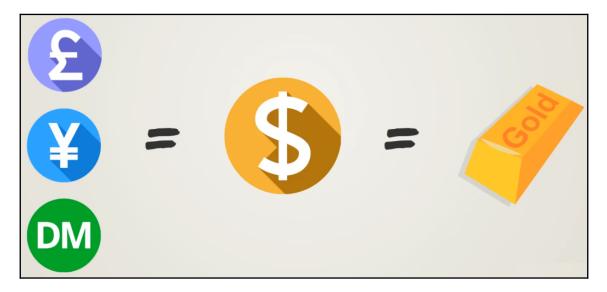
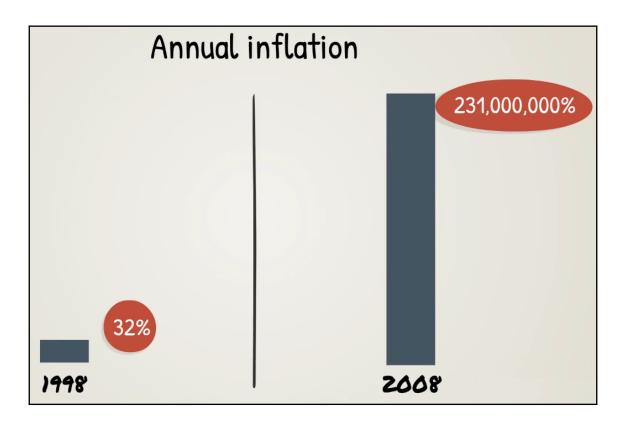
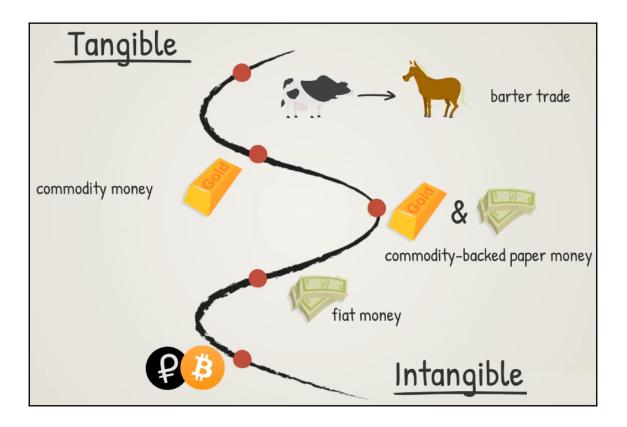
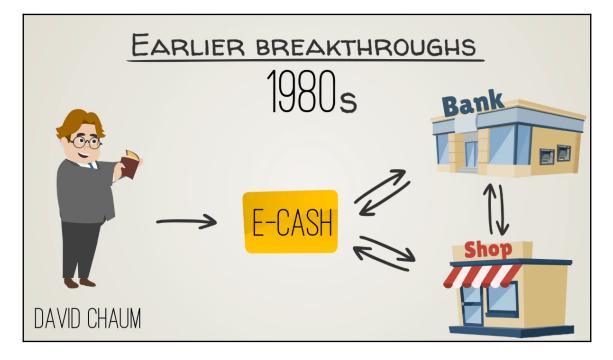
Chapter 2: A Brief History of Money

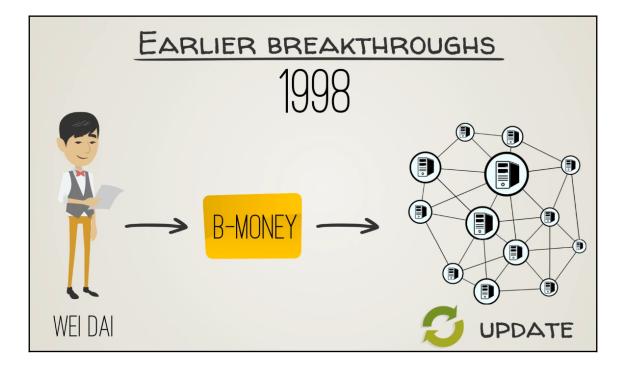


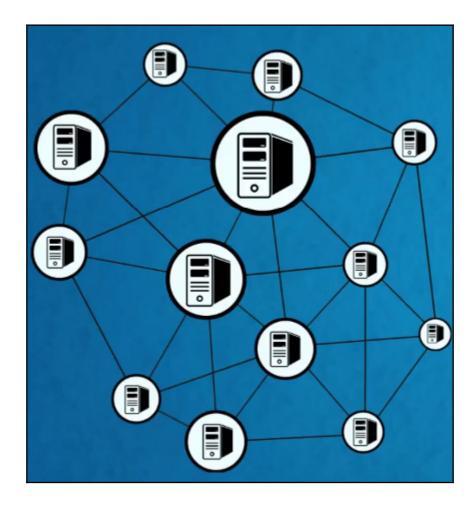


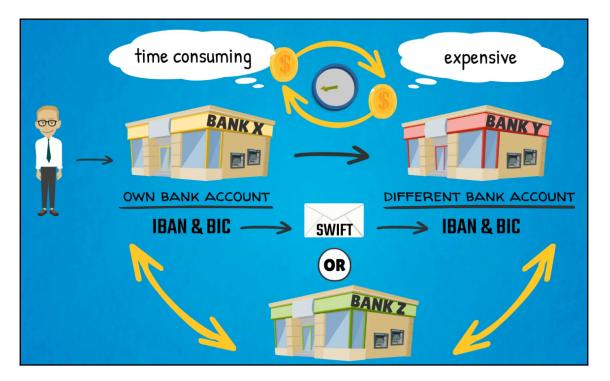


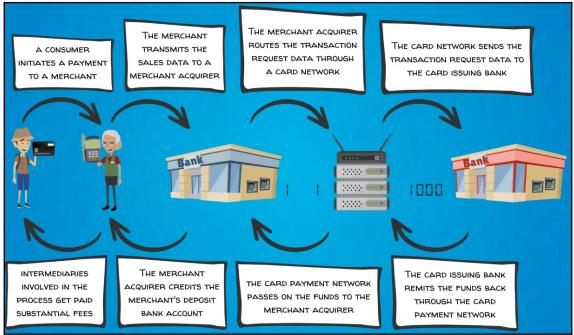
Chapter 3: The Birth of Bitcoin and the Advantages of a Decentralized Payment System



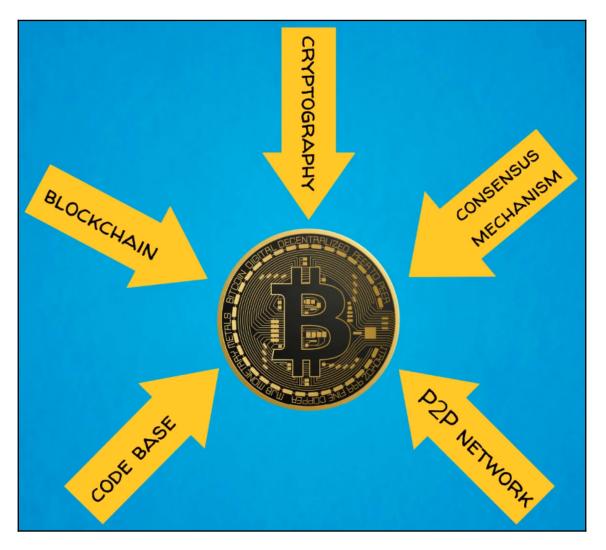


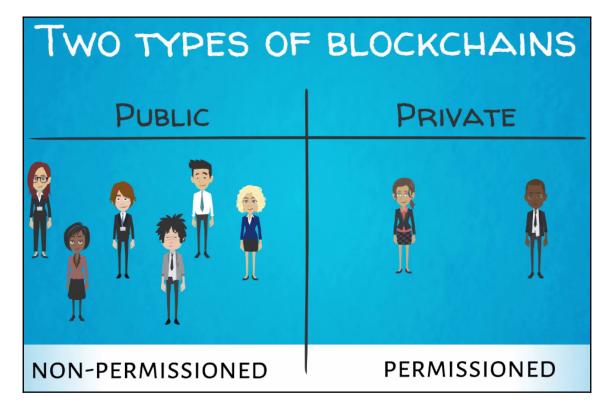






Chapter 4: Five Forces of Bitcoin - #1 Blockchain

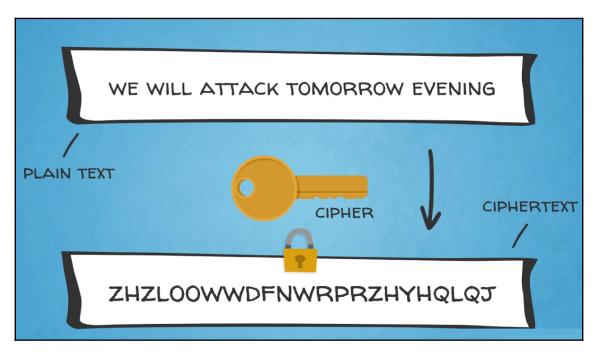


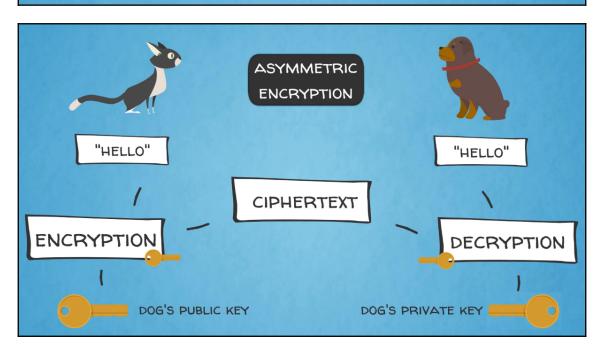


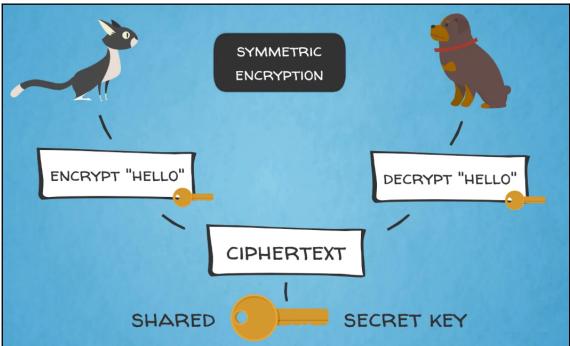


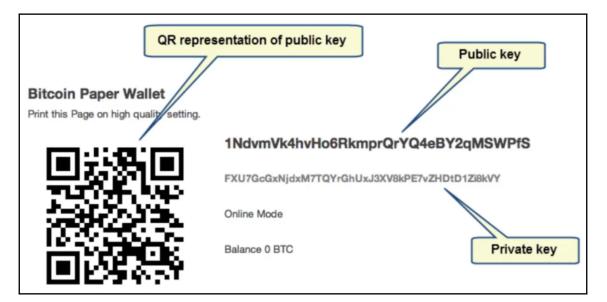
Dевіт	CREDIT
ASSETS	LIABILITIES

Chapter 5: Five Forces of Bitcoin - #2 Cryptography





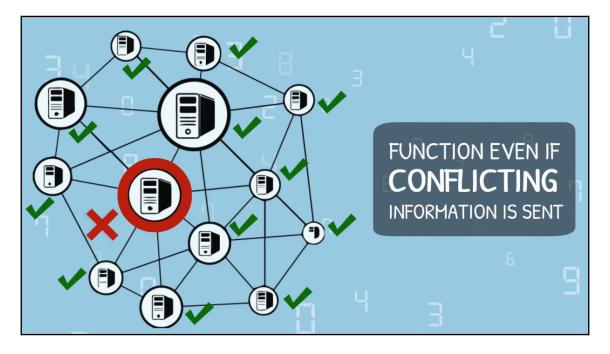


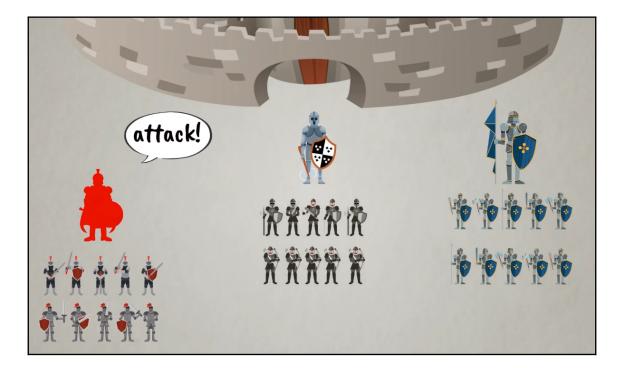


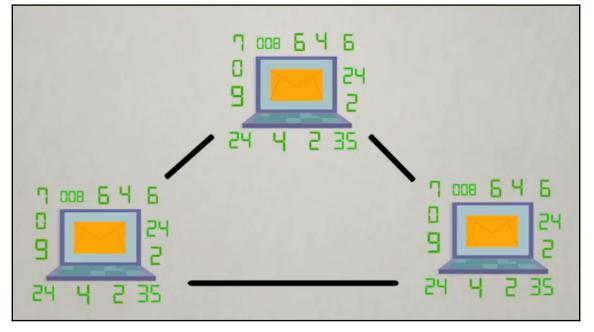
<< Previous Blocks mined on: 07/03/2018 Next >>				
Height	Time	Relayed By	Hash	Size (kB)
512383 (Main Chain)	2018-03-07 06:17:58	Unknown	000000000000000004fb251409e435e981622133a03f117570459a2297af8fa	1,355.22
512382 (Main Chain)	2018-03-07 06:15:58	SlushPool	0000000000000000002c1a8826259039cf5d64c9a7805c2118b39dda6de86162	1,061.6
512381 (Main Chain)	2018-03-07 06:14:11	ViaBTC	000000000000000002fab41176525cfa3beba3b8164b5d95e24375cf9ebc67e	1,043.31
512380 (Main Chain)	2018-03-07 06:07:41	SlushPool	000000000000000002ef5b8413240ec8235e55f32a70d4475fd9660d1882dc1	1,065.79
512379 (Main Chain)	2018-03-07 05:55:34	ViaBTC	00000000000000000053eb904a22144fd74e7a0afb438fe35b69f8778f306486	1,037.88
512378 (Main Chain)	2018-03-07 05:49:28	BitFury	0000000000000000004c0785d2dea6b48c6dc7bf12018cdb6af5c88a28c930b	327.41
512377 (Main Chain)	2018-03-07 05:48:23	Unknown	00000000000000000026ee6138c477672c6d292622493b6839b1a8716f331571	1,089.99
512376 (Main Chain)	2018-03-07 05:33:14	Unknown	000000000000000000536baeae8ab6c17e432e5df6a624551c96decbd3af0db8	1,050.8
512375 (Main Chain)	2018-03-07 05:24:20	BitClub Network	0000000000000000028b1db0ac463b46d795b232bdc07901a9c8c4a5703042a	1,045.14
512374 (Main Chain)	2018-03-07 05:19:39	Unknown	00000000000000001f30b0ea51c59eeb25ffc7c281fb407a7261bc11afef93	1,055.58
512373 (Main Chain)	2018-03-07 05:13:32	Unknown	0000000000000000000415e0558a0af505838f67a112e6b95699472380d866a97	1,178
512372 (Main Chain)	2018-03-07 05:00:17	BTCC Pool	000000000000000003a015f674a26cb2a96aed65cd1fc9b998551548e298808	1,238.02
512371 (Main Chain)	2018-03-07 04:35:13	GBMiners	00000000000000000046226c3c4d5cc5b6772b1afd5562feb9cb83c7e44fb6cb	1,030.82
512370 (Main Chain)	2018-03-07 04:28:17	ViaBTC	000000000000000004c1a2b0a1a725d59ed918466271f6c890bd2d9b563e789	1,014.13
512369 (Main Chain)	2018-03-07 04:26:12	Unknown	0000000000000000003bab7fad5944c934797cfca1608ff417a6d6f739e4f683	1,073.35
512368 (Main Chain)	2018-03-07 04:13:39	AntPool	0000000000000000008920d6630f12665ea357c1b276ed36aff31ffd43e1243	0.28



Chapter 6: Five Forces of Bitcoin - #3 Consensus Algorithm





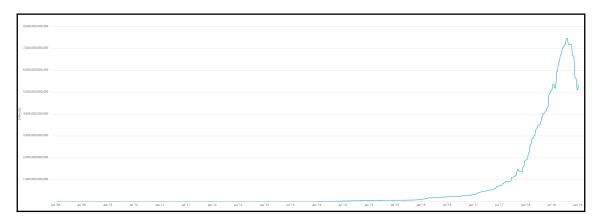


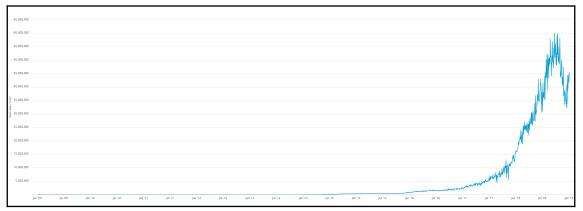
Block #511306	5		
BlockHash 0000000000000000024	81464a45015da941b9b55fa1caa8967bb7b4abc5e9	59 🕞	
Summary			
Number Of Transactions	940	Difficulty	3007383866429.732
Height	511306 (Mainchain)	Bits	175d97dc
Block Reward	12.5 BTC	Size (bytes)	970987
Timestamp	Feb 28, 2018 10:21:54 AM	Version	536870912
Mined by		Nonce	92547622
Merkle Root	同 403a9e9a81f72b8b330fcdd99e8f8c		
Previous Block	511305		

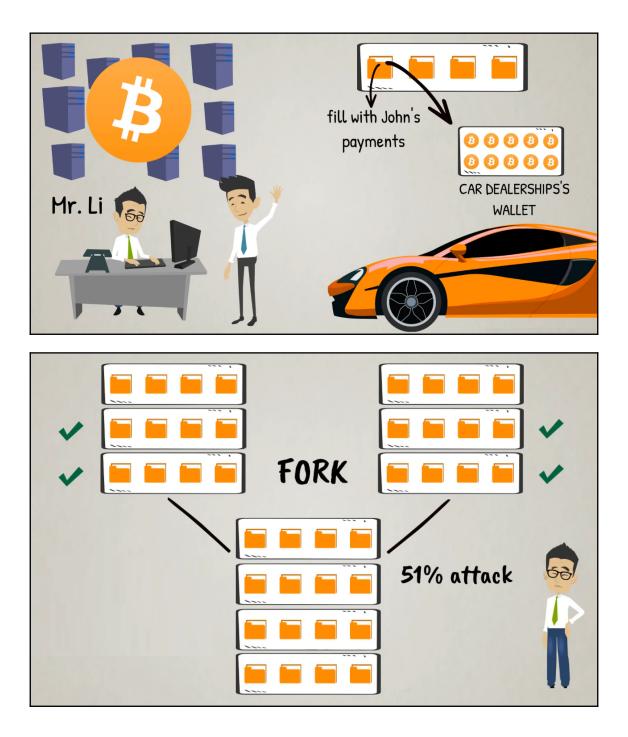
COB6
H680
FB10
CB22
823C
COB6
H680
FB10
CB22
R23C
CD80
H680
FB10
CB22
R23C
CD80
H680
FB10
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CD80
H680
FB10
K80
FB10
K80
FB10
K80



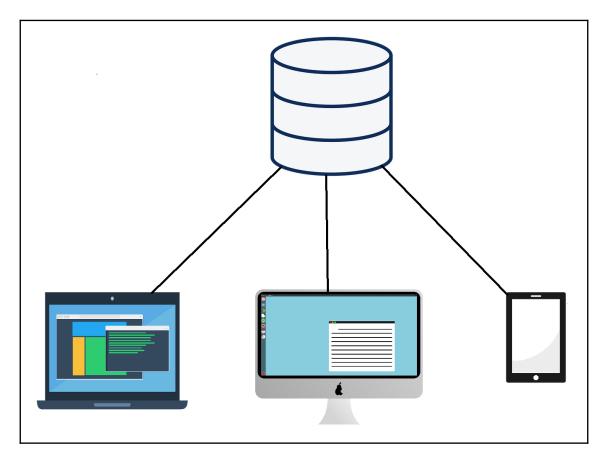
Block #511306	5		
BlockHash 0000000000000000024	81464a45015da941b9b55fa1caa8967bb7b4abc5	e959 🗊	
Summary		temporary fixed number	
Number Of Transactions	940	Difficulty	3007383866429.732
Height	511306 (Mainchain)	Bits	175d97dc
Block Reward	12.5 BTC	Size (bytes)	970987
Timestamp	Feb 28, 2018 10:21:54 AM	? Version ?	536870912
Mined by		? Nonce ?	92547622
Merkle Root	P 403a9e9a81f72b8b330fcdd99e8f8c	random number	
Previous Block	511305		

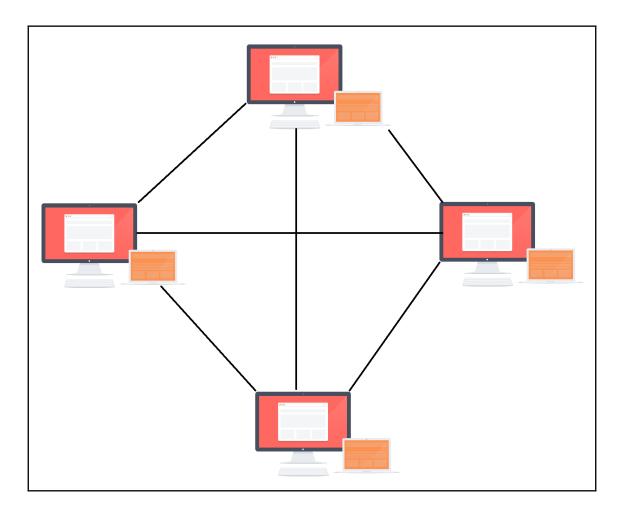


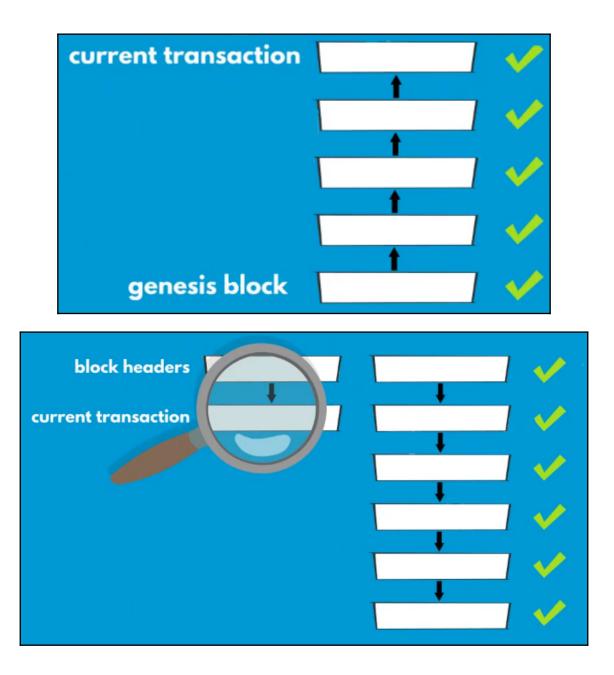




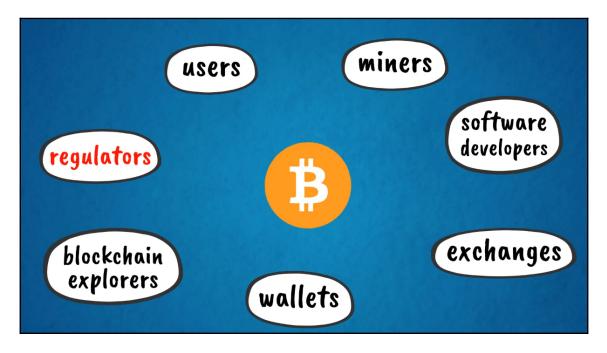
Chapter 7: Five Forces of Bitcoin - #4 P2P Network



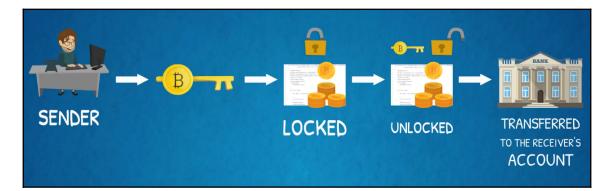


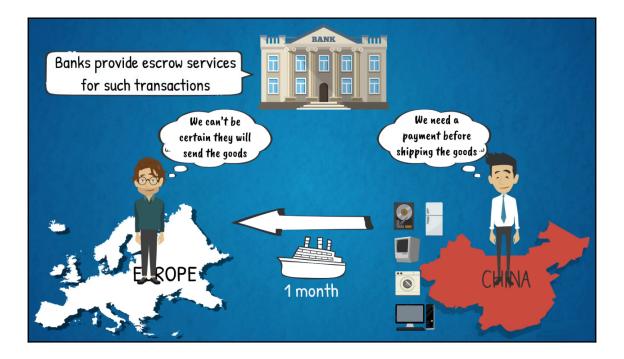


Chapter 8: Five Forces of Bitcoin - #5 Software Code Base

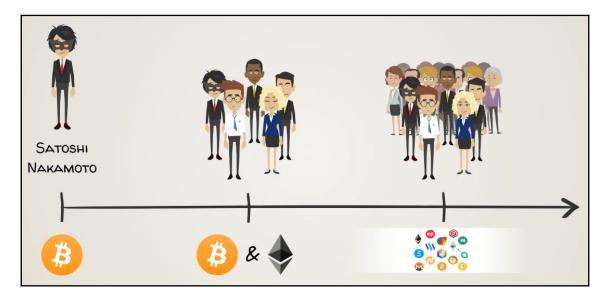


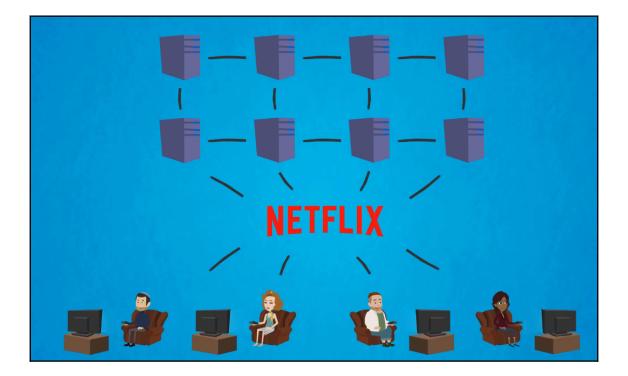
۹	Q. Go			
	You can searc	h for things like <u>Addre</u>	<u>ss, Transaction, Block</u> , or <u>Hash</u>	
(Bitcoin		Ethere	um NEW!
PRICE \$3,920.46		HRATE 570 TH/S	DIFFICULTY 5,618,595,848,853	TX PER DAY 258,522
AVERAGE VALUE 0.28960107 BTC		AGE FEE 6419 BTC	UNCONFIRMED 2,289	MEMPOOL 1,216,040 B
Blocks Transactio	ns			
Height	Age	Transactions	Miner	Size (KB)
557442	3 minutes	2516	F2Pool	1,236,538

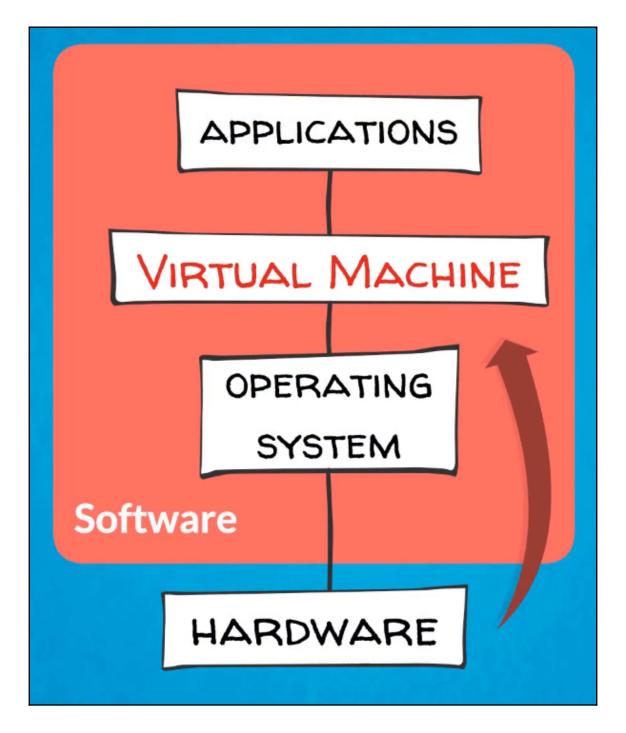


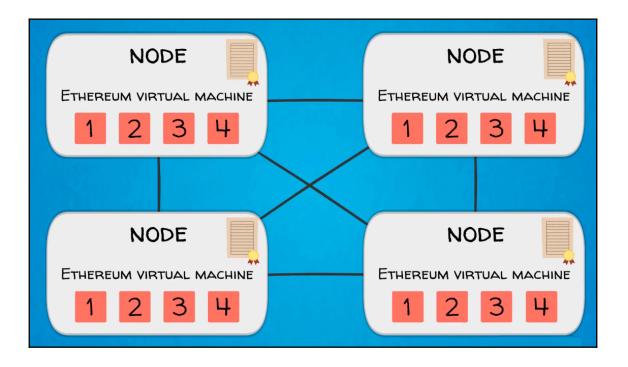


Chapter 9: How Ethereum Took the Idea of Blockchain to the Next Level

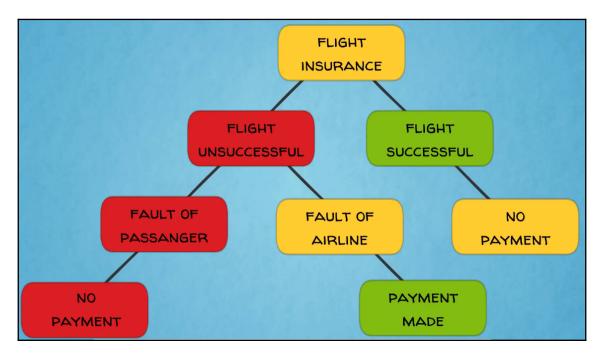






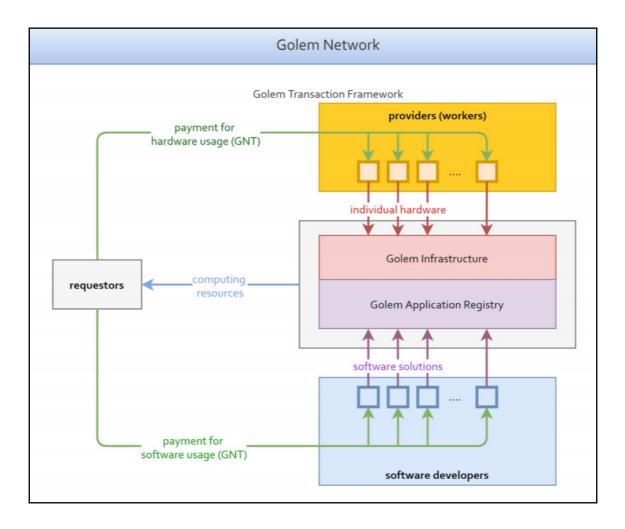


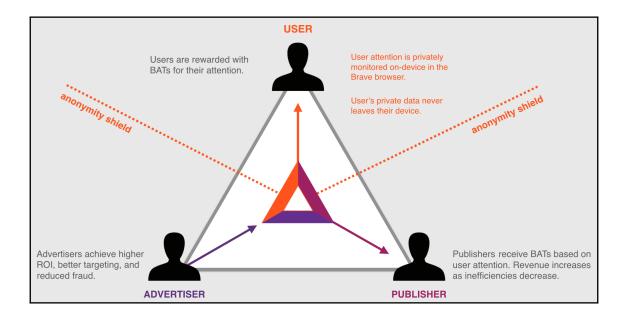
Chapter 10: Ethereum - A Global Platform for Decentralized Applications

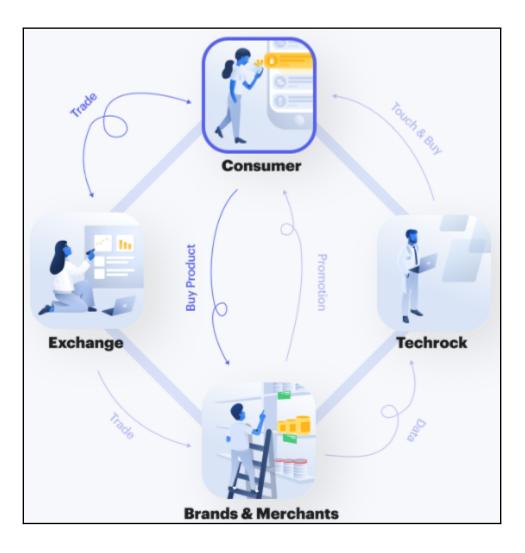


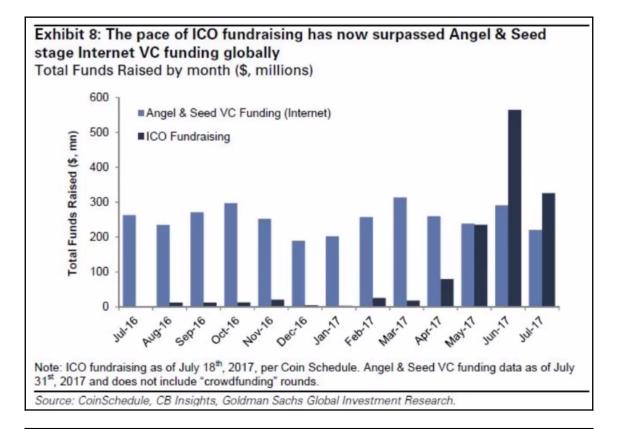


TRANSPARENCY, SECURITY, AND EFFICIENCY TO PLAYERS AND ONLINE CASINO OPERATORS





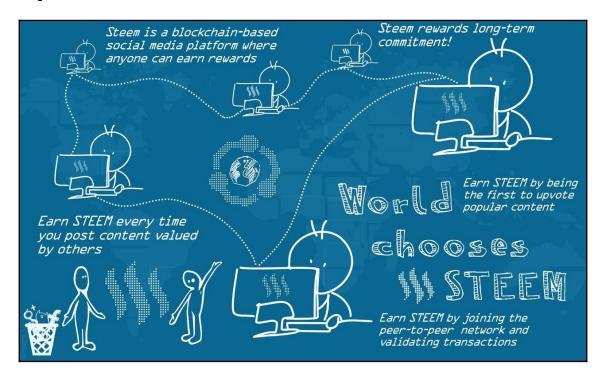




THE DAO IS AUTONOMOUS.



Chapter 11: Blockchains Focused on Specific Sectors and Use Cases



WHAT IS DTUBE?

D.Tube is the first crypto-decentralized video platform, built on top of the STEEM Blockchain and the IPFS peer-to-peer network.

D.Tube is powered by



Crypto incentive

D.Tube aims to become an alternative to YouTube that allows you to watch or upload videos on IPFS and share or comment about it on the immutable STEEM Blockchain, while earning cryptocurrency doing it.



Resistant to censorship

Because of the decentralized nature of IPFS and the STEEM blockchain, D.Tube is not able to censor videos, nor enforce guidelines. Only the users can censor it, through the power of their upvotes and downvotes.



A fair platform

On DTube, there are **no hidden** algorithms controlling the visibility or monetization of certain videos over others. All of DTube's data is public, and can be analyzed by anyone with an internet connection.



Ads free

To deliver the best user experience D.Tube runs without advertising. Users remain free to advertise any product or service they would like, directly inside their own videos, at their own risk of losing their subscribers.

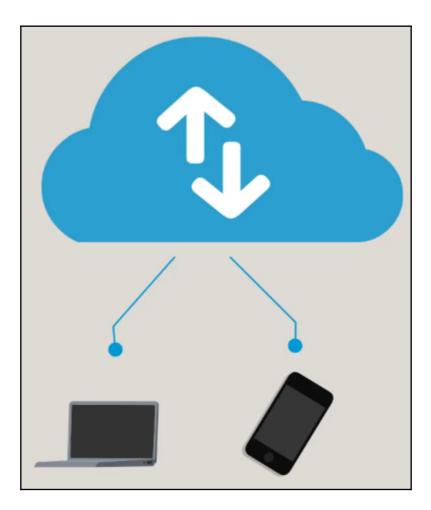




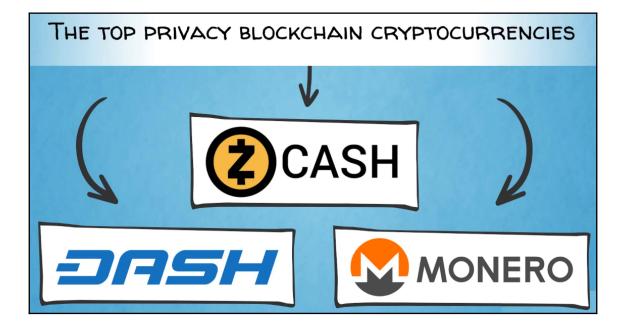




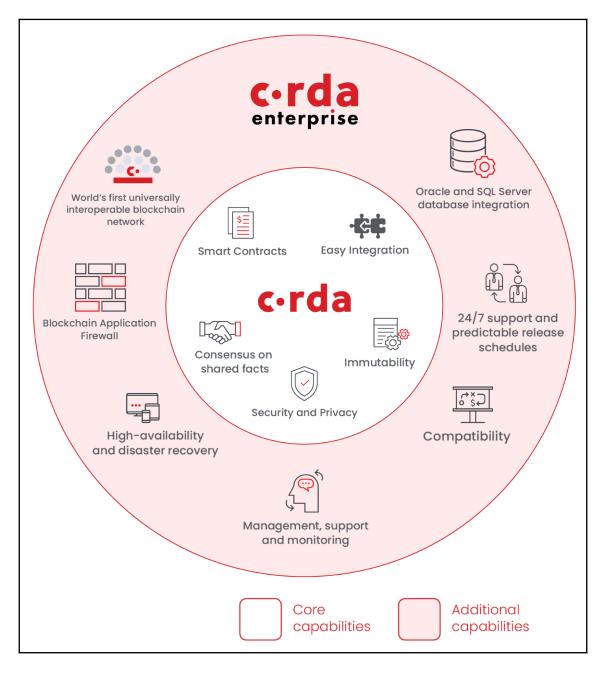






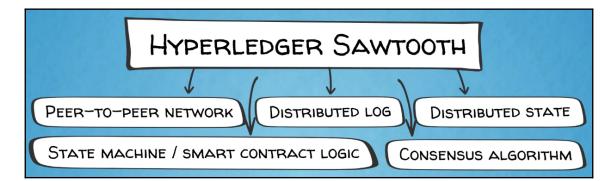


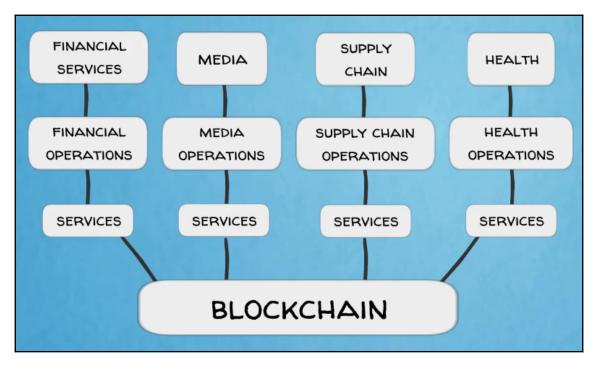
Chapter 12: Corporate Blockchains



Hyperledger T	echnical Scope	
Out of Scope	Custom Applications	App Layer
In Scope	API libraries and GUIs Specialized consensus algos Membership policies Gateway Operations dashboard	Value Added Systems
	Core APIs	Core APIs
	Code execution environment Ledger data structures Modular consensus framework Modular identity services Network peers	Shared Ledger

Hyperledger Modular Approach THE LINUX FOUNDATION Infrastructure Technical, Legal, Marketing, Organizational Ecosystems that accelerate **Open Container** Cloud Foundry Node.js Hyperledger open development and Initiative commercial adoption Frameworks Meaningfully differentiated approaches Hyperledger Hyperledger Hyperledger Hyperledger Hyperledger to business blockchain frameworks Fabric Iroha Sawtooth Burrow Indy developed by a growing community of communities Tools Typically built for one framework and Hyperledger Quilt Hyperledger Composer Hyperledger Explorer Hyperledger Cello Hyperledger Caliper ported to other frameworks through common license and community approach





The EEA is All About Possibilities

The EEA is a member-led industry organization whose objective is to drive the use of Ethereum blockchain technology as an openstandard to empower ALL enterprises. Our members are thought leaders from around the globe with a shared vision to create enterprise-ready solutions.

Four specific tasks guide our daily operations:





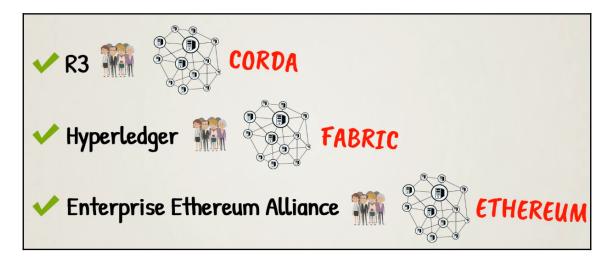
Build an open-source standard specification

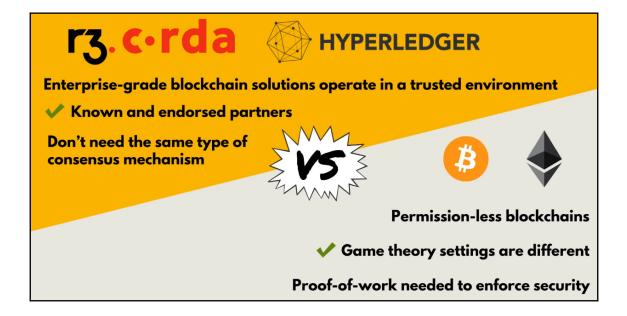






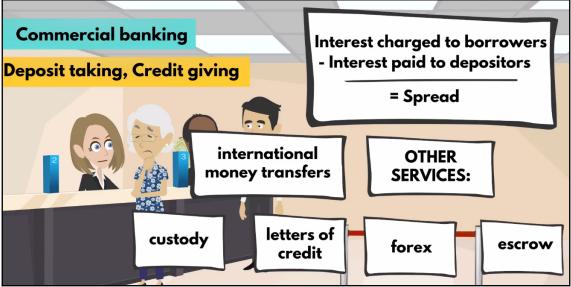
Strive for global interoperability

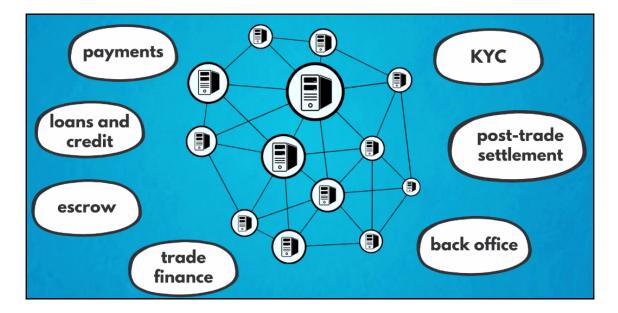


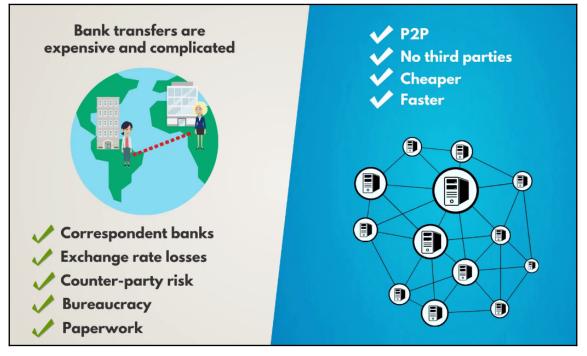


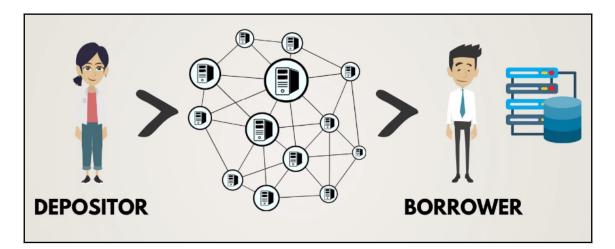
Chapter 13: The Disruptive Potential of Blockchain Technology

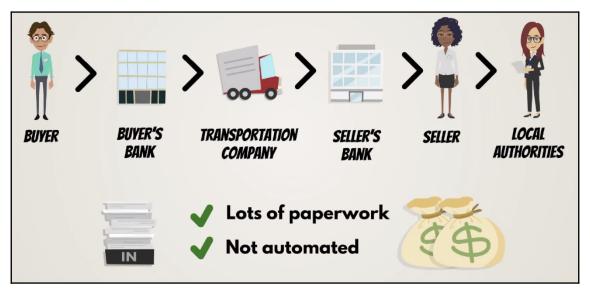


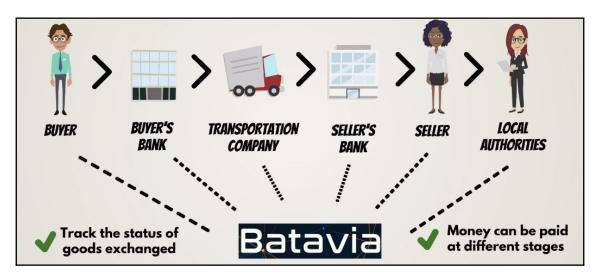


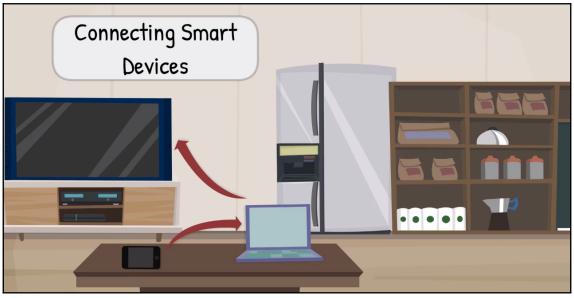


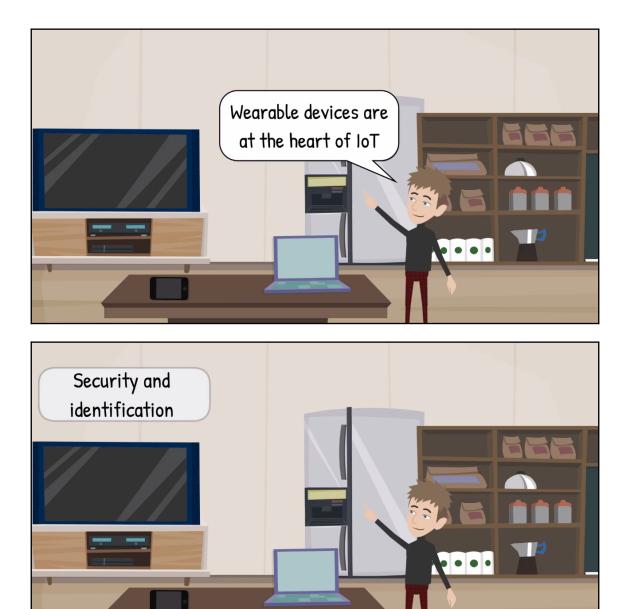


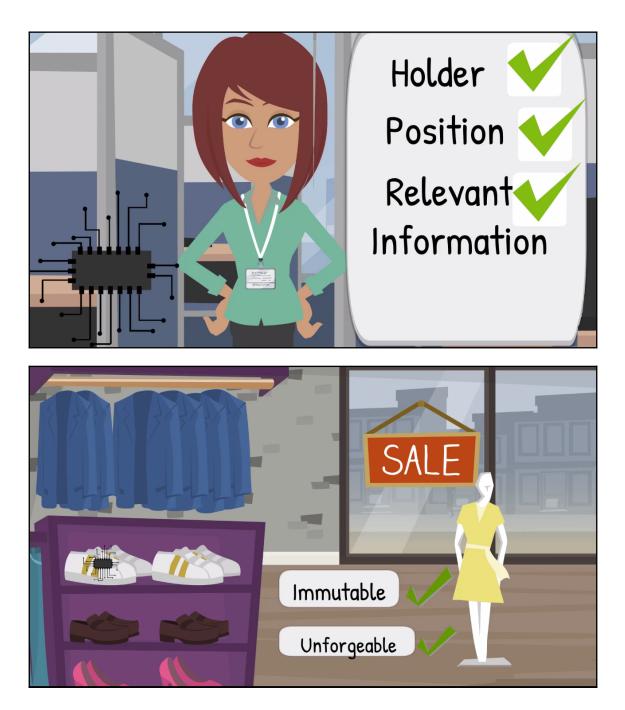




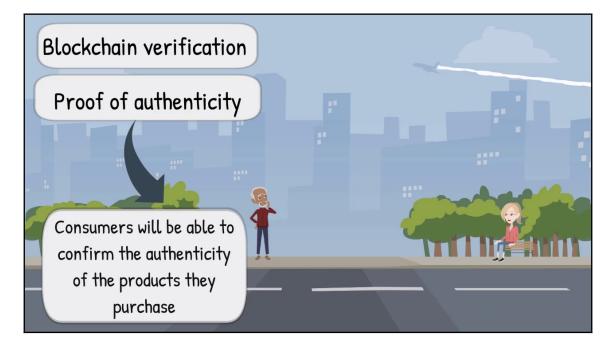


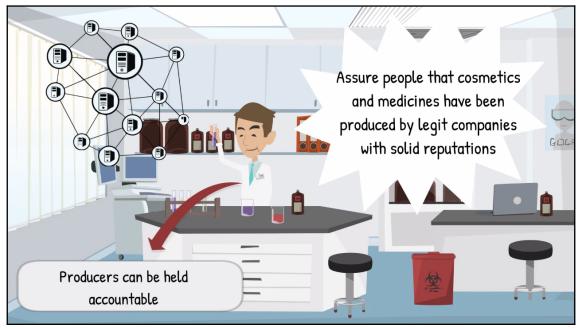




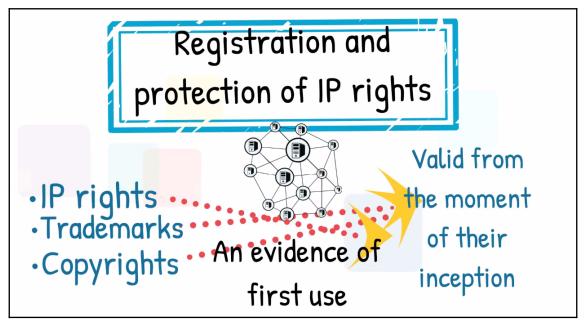


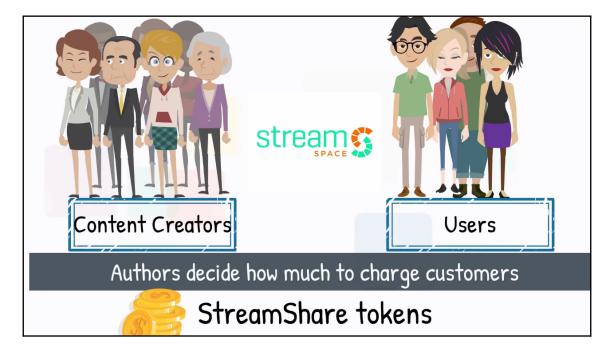




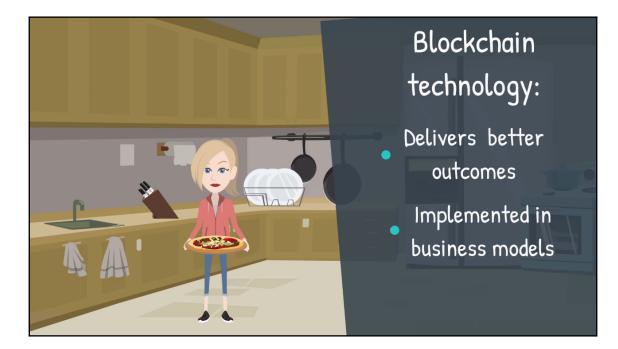








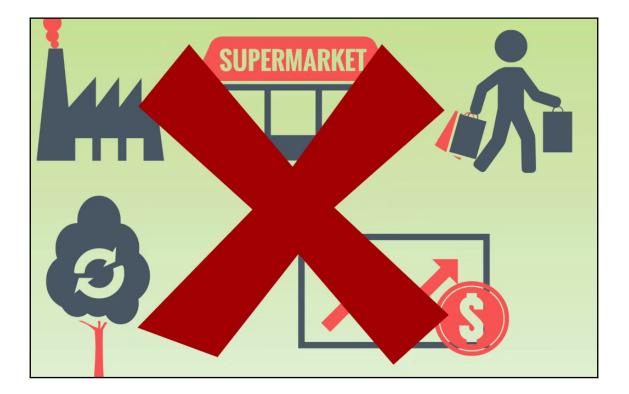




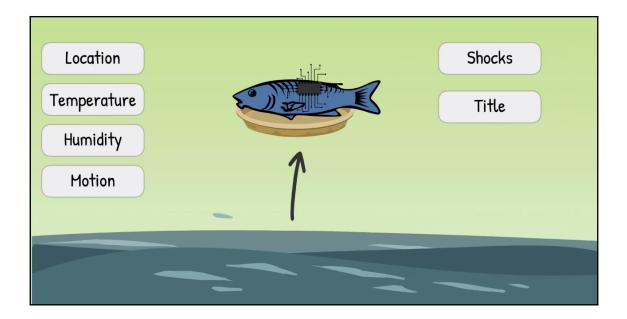




- Illegal fishing practices
- -mislabelling fraud
- -improper food storage conditions
- laborious and error-prone manual record keeping.



<image>





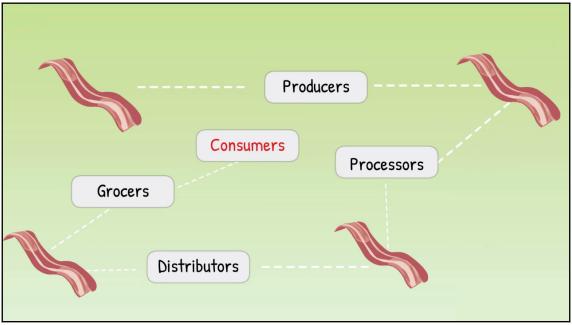
Example: E. coli

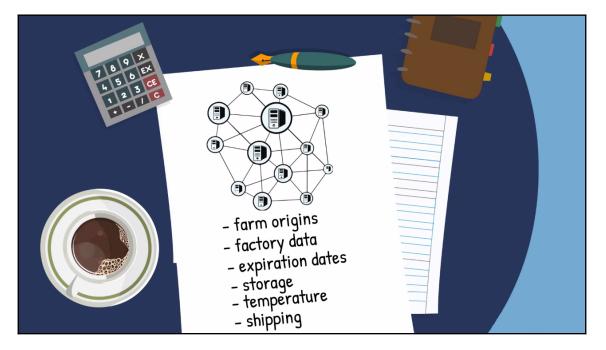
Walmart 🔆

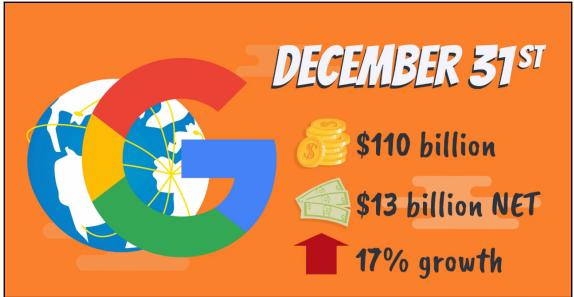


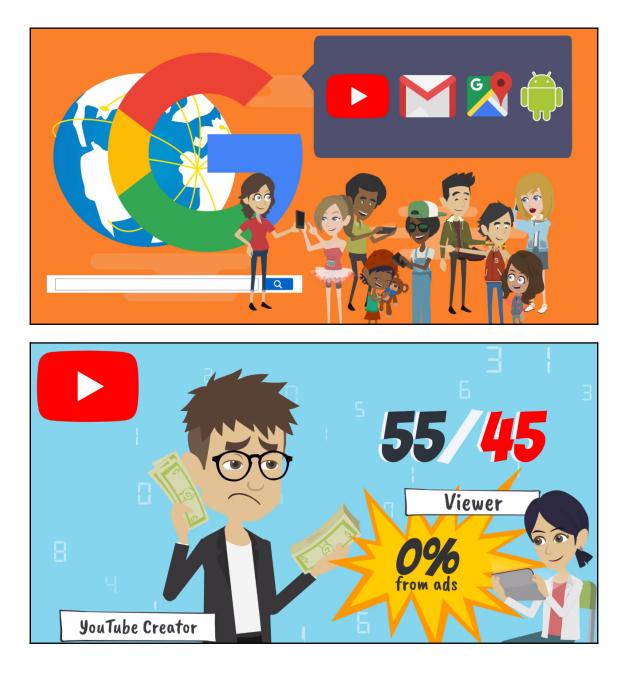
Consumers, in general, stopped eating spinach. Restaurants pulled it off the menu. If you could track and pinpoint where that came from faster, you could alleviate all that and ensure consumer confidence continues.





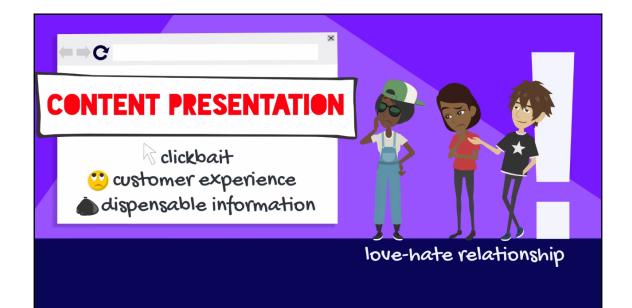




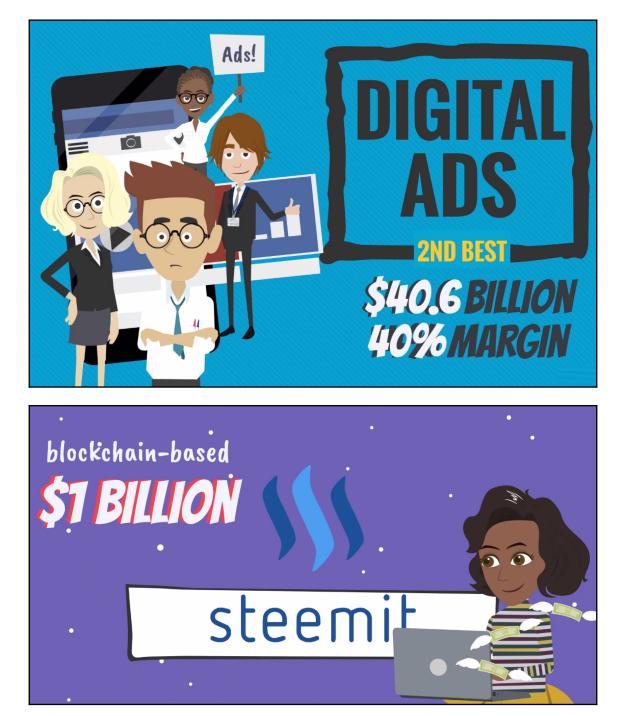


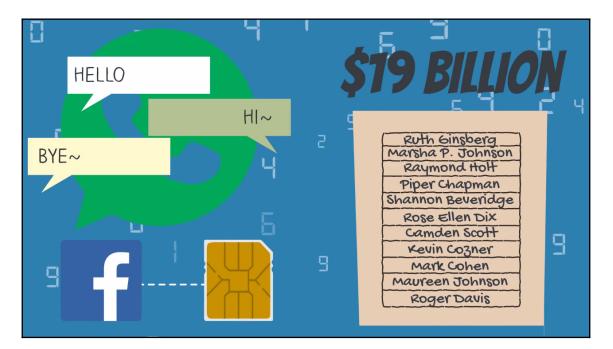




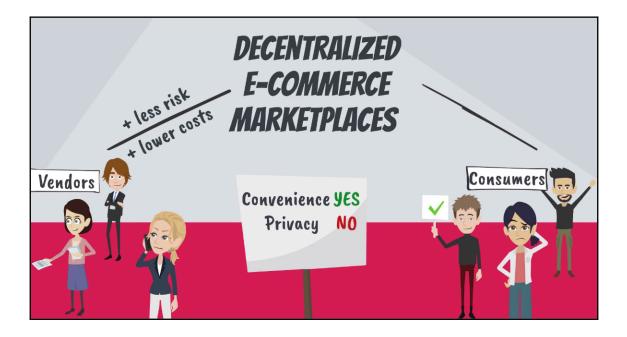




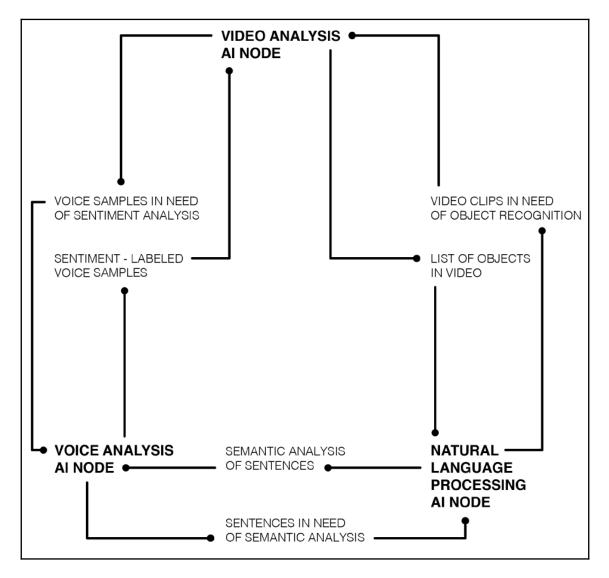






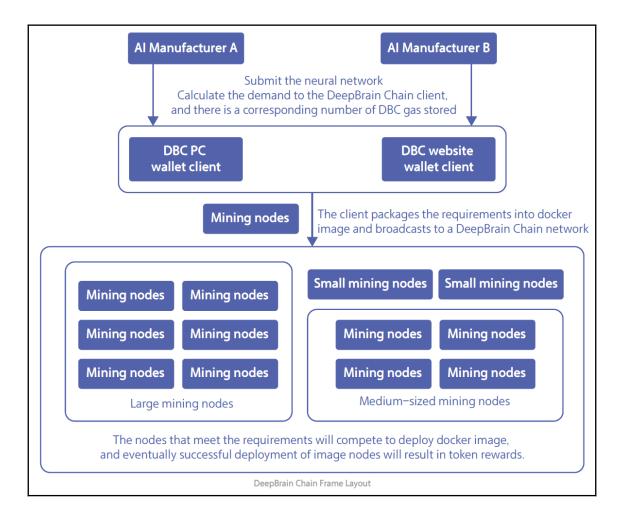


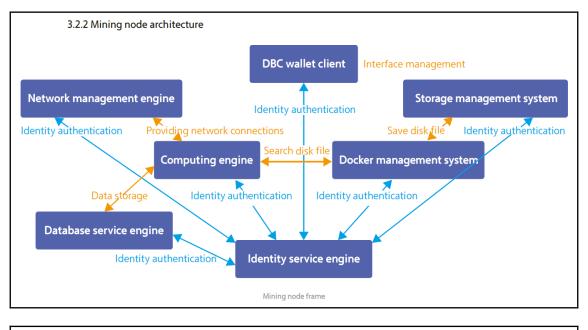
Chapter 14: Blockchain and Al



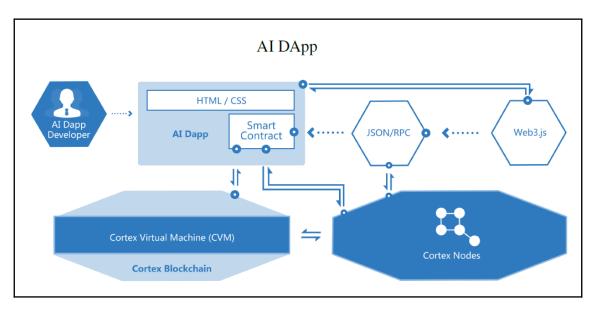


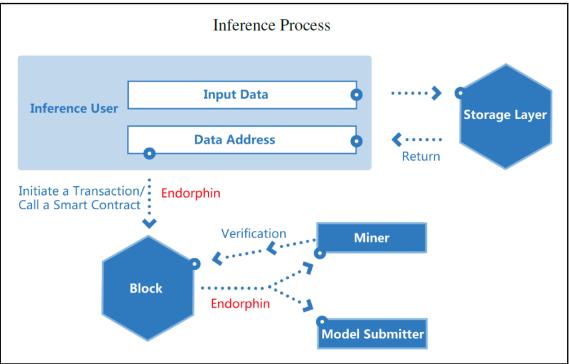
Hanson humanoid robots, created by SingularityNET partner Hanson Robotics, will be early targets for embedded implementation of SingularityNET Agents.

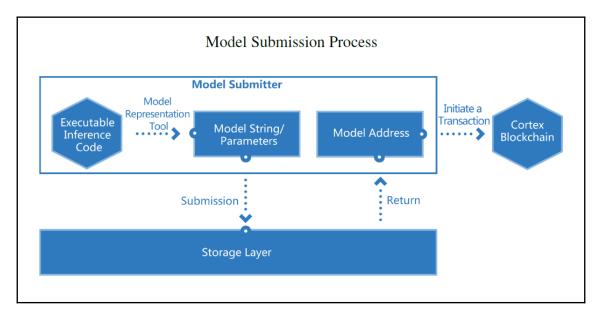


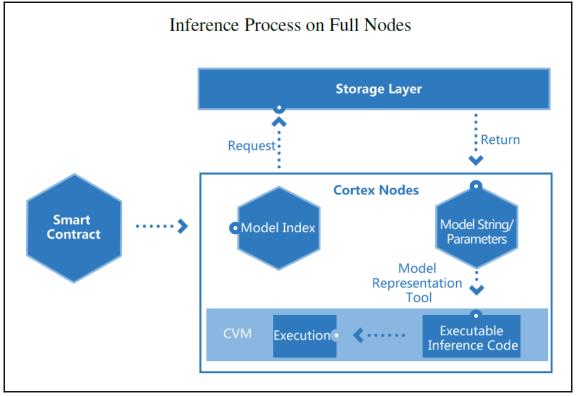












Chapter 15: Current Issues and Potential Solutions to Take Blockchain to the Next Level

