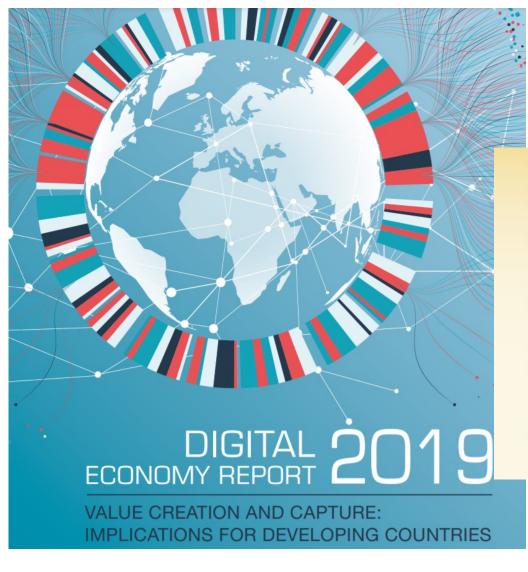


Blockchain In a Digital Economy

- 4th December 2020
- By Fawaz Shakralla
- Linkedin: Fawaz Shakralla



Digital Economy Report

Geography of the digital economy is highly concentrated in two countries

United States and ChinaRest of the world

75% of all patents related to blockchain technologies

50% of global spending on IoT

>75% of the cloud computing market





United Nations Conferences on Trade and Development

Agenda

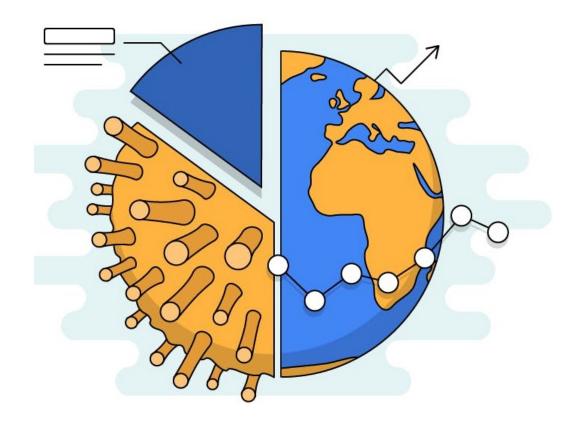


- Impact of COVID-19 on Digital Economy
- Birth of Blockchain Bitcoin
- How blockchain works Transactions
- Security in Blockchain
- Solving business problems
- How to start a blockchain project



COVID-19 on Digital Economy

Covid 19
Accelerated the digital
Transformation of
Companies..



Leverage latest innovative technologies to improve the USP

As customers became more demanding, this Added pressure for Companies to improve Their USP



The birth of blockchain How we got here...



Financial Crisis of 2008/2009,



- The Wall Street banks
- Bailout of AIG, Fannie Mae,
- US Government TARP
- A CEO has unlimited power which can contribute to fraud activities
- Bitcoin was born

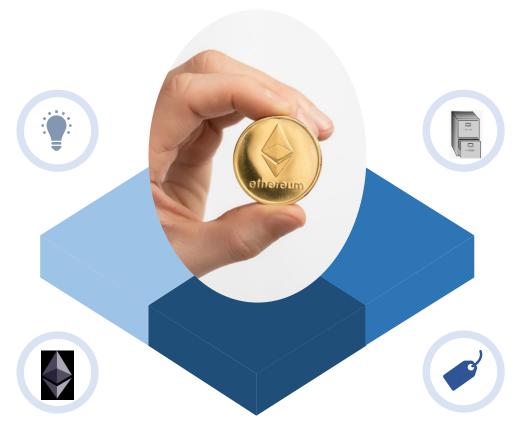


Vitalik Buterin

A new economic model



Security Token Offering In a Market place Smartlands.io (UK).



Records Registration

Certificate of records, birth certificates, documents authenticity, government issued ID's – again fraud cases

Token Share Ownership

Token allocation of assets, real estate, stocks, bonds

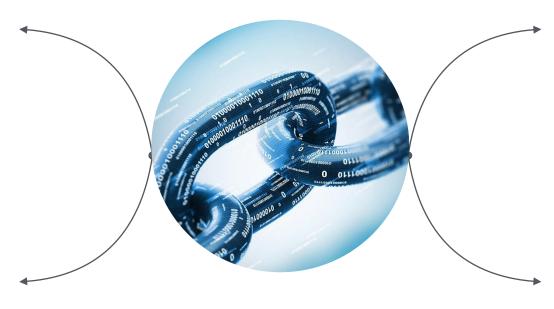


Financial Services, allocation of assets

Transactions and blocks

1. Open Ledger

Open source Transactions cannot be altered No central authority



3. Blocks

Has 100 to 120 transactions on

Blocks are never deleted or altered

Permanently recorded

2. Transactions

Has date/time stamp sender/receiver An account address – hexa

4. Decentralized

No central authority No gross settlement system Transactions occur in real time

Smart contracts, records registration, Crypto currency



Security Layer SHA-256 Hash Functions

https://tinyurl.com/s5rhufk



If on mobile, use landscape mode











THE BOOK ▼ SUPPLEMENTARY MATERIAL ▼

DISCLAIMER AND PRIVACY▼

INPUT OUTPUT 1)

fawaz

Calculate Hash Value MD5: 075DE5C4EB50AF109EC5573BBF6EB4EF

SHA1: 714A5AB1B5C80B4404C95292982FB4852D8D0CFE

SHA256: 56F28A8FF1C404C269F968BFD7C7A50CD4A76162B2580A3

9645EC38324CDE729

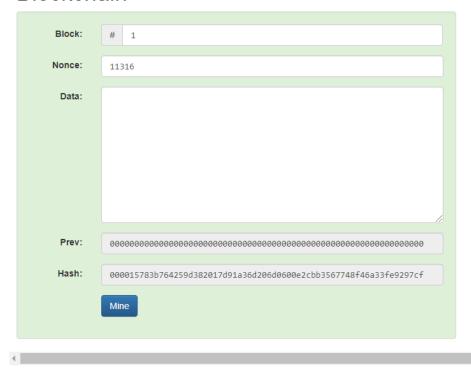
SHA512: 2BC6B91EA8D5BE08D1F966B67B5022DF99C91291E0E76E7

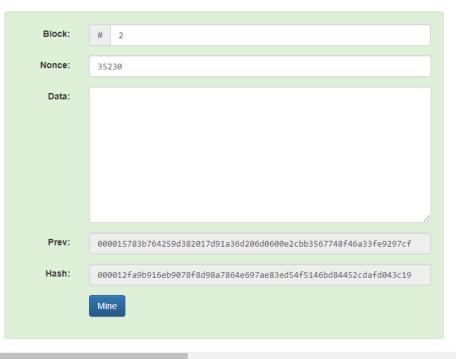
E9F201A0CA8B8D0D7C4431F9724B5F66C377BF7AF9BA738

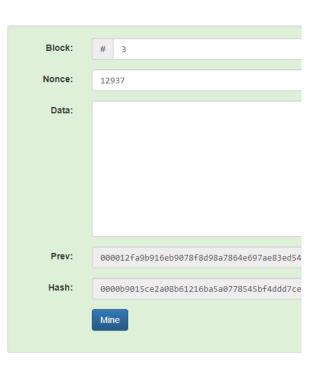
68DADEFD9D60C8A34CC705026EB0B45550

https://andersbrownworth.com/blockchain/blockchain

Blockchain

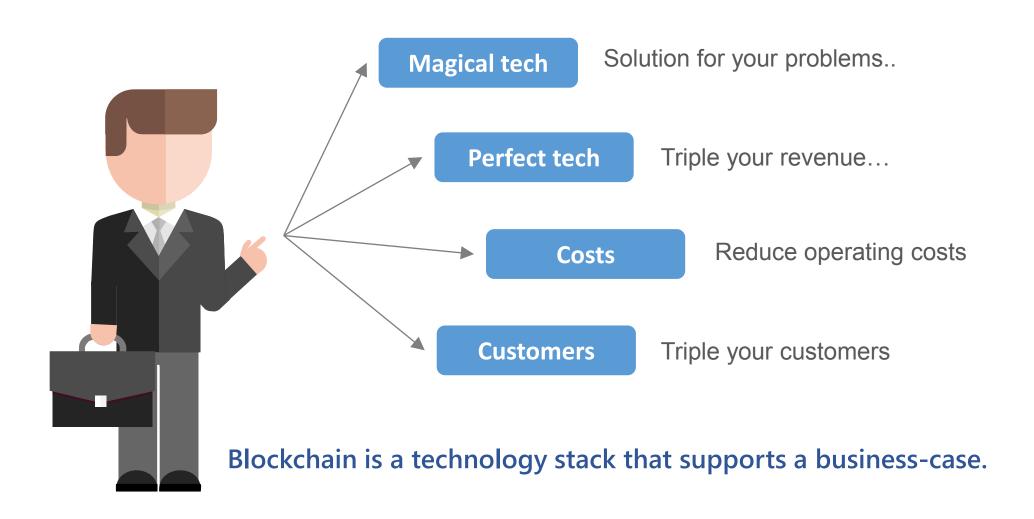




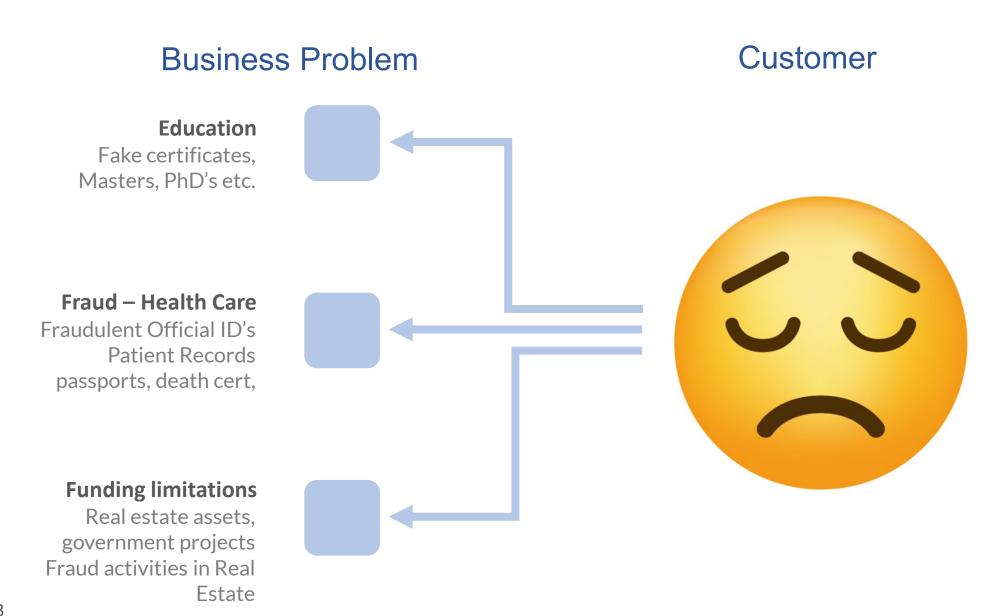


11

Blockchain Is Not...



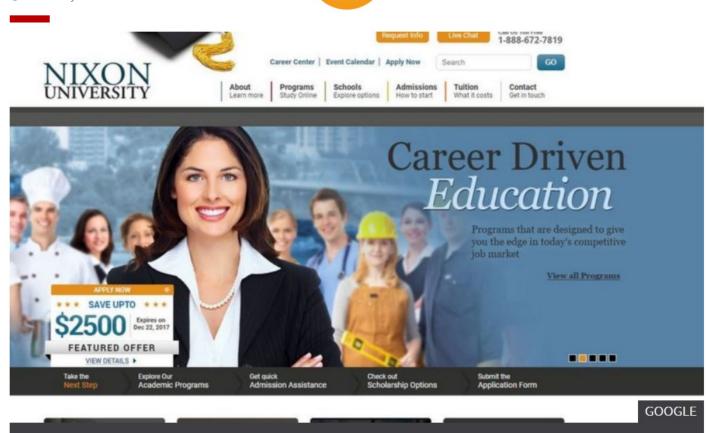
Solving Business Problems



'Staggering' trade in fake degrees revealed

By Helen Clifton, Matthew Chapman and Simon Cox File on $4\,$

O 16 January 2018



Thousands of UK nationals have bought fake degrees from a multi-million pound "diploma mill" in Pakistan, a BBC Radio 4's File on Four programme investigation has found.

A BBC reporter was offered a degree from the fake Nixon University for \$3,600 (£2,600)

Blockchain Solution



Health Care



















Blockchain prevents medical errors

A study published by Johns Hopkins patient safety experts suggests that in the United States, over 250,000 people die every year due to medical errors. This is particularly alarming when considering the leading cause of death in the U.S.—heart disease which is responsible for about 647,000 deaths annually.

Blockchain data can only be added, not erased. This is precisely how health information should be stored. Physicians can access the historical medical records of their patients from their very first hospital visit. Dr. David Classen, a chief medical information officer at Pascal metrics, admitted in an interview that the system of care is fragmented. He continued, "Any tools that enable patients to manage their healthcare needs will be a game-changer." Blockchain has come to effectively dissolve the dilemma of errors and digitize patient health records.

Falsified lab test results, manipulation of patient records, forged prescriptions,

Blockchain Solution





Real Estate

Dh7.7 million property scam: Real estate agent flees Dubai after duping businessman in fake deal

Forged documents used to 'sell' hotel accommodation near Burj Khalifa

Published: September 08, 2020 11:36 **Ali Al Shouk, Senior Reporter**



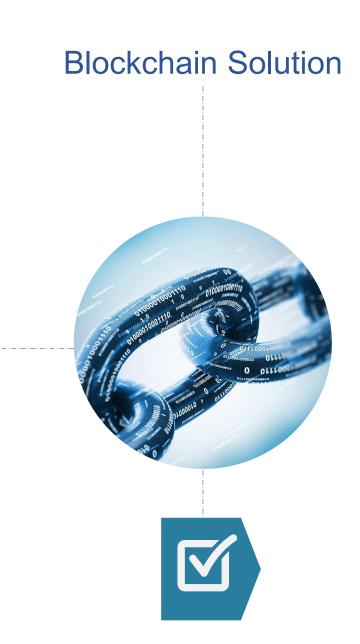






Contracts were fake, unit document was fake, property details were forged.

If we solve this problem ³





Benefits Gained



Reduced Cost

- Built in Security layers in the blockchain architecture.



Immutability

 Transactions cannot be changed or deleted. -> Customer loyalty



Reduction in transaction errors

- No Gross settlement system needed, no clearance system required..

Do you really need blockchain...

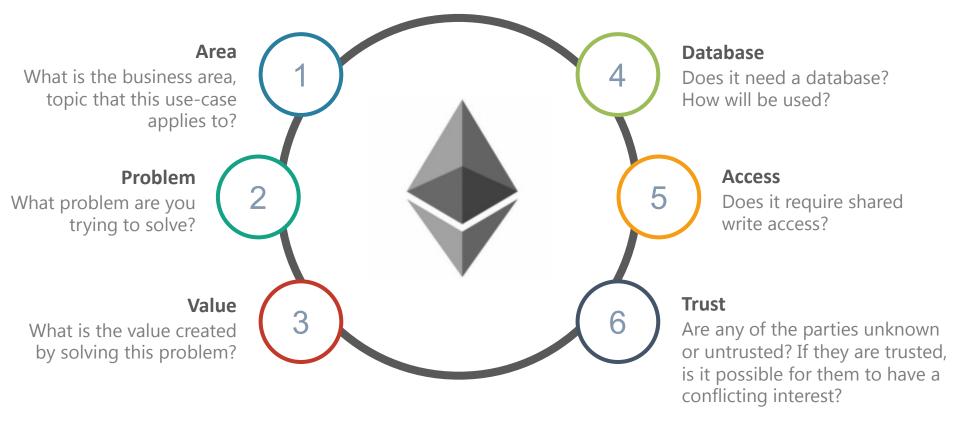


Can we solve these problems without blockchain

How to start a blockchain project



Blockchain Analysis Document





Blockchain type

Will the blockchain be used be private, public, consortium? Why?



Token

Is a token to be used, (to digitize an asset) Why is it needed and how will it be used?

The Cons

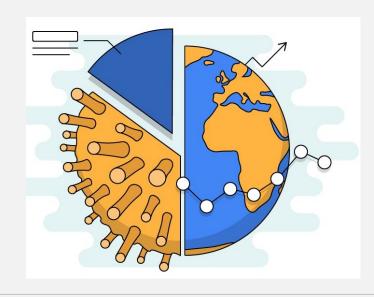
The negative side:

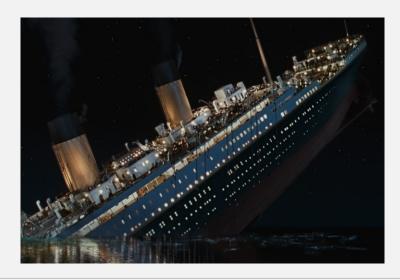
- Blockchain projects are expensive High Capex.
 - Blockchain is not 100% secure.
 - Public blockchain Risk of 51% hashing attack
 - Private blockchain vs public blockchain

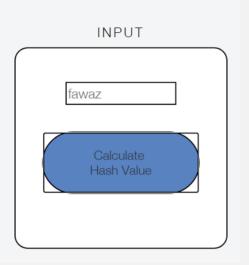


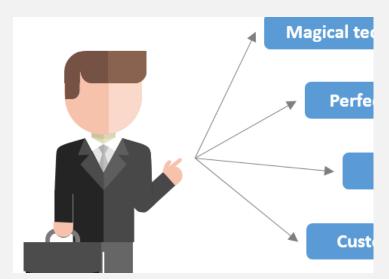
Conclusion















Ahmed Saleh AlBalooshi • 1st

1w ...

Founder and Managing Director FinTech IT Services & Consultation Com...

Thank you Fawaz for this great training. we really enjoyed it and got the best out of it.. keep up the good work



🖢 · 1 Like 📙 📮







Options to upgrade your skill set



rawan elghalayinie • 1st Sales Specialist

I really enjoyed the "Introduction to blockchain" seminar that was held in Badir Program by Mr. Fawaz Shakralla .

It was very interesting!!₩

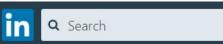


Blockchain for Finance

Blockchain for Logistics/ Supply Chain

Blockchain for Real Estate

35% Discount Code— BCCI Avail: 3 days Only















Fawaz Shakralla

Blockchain Professional, are you looking to improve your bottom line with blockchain? Ask me how:)

Bahrain · 500+ connections · Contact info



Add profile section ▼

University of North Carolina at Charlotte

More...

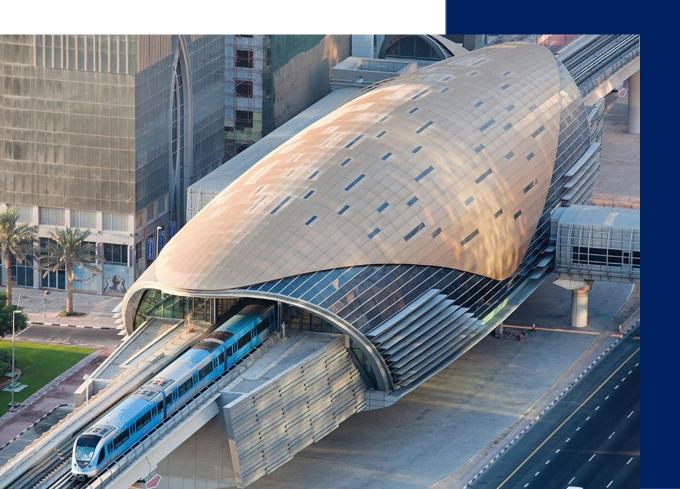




The End..



Blockchain for Metro Station



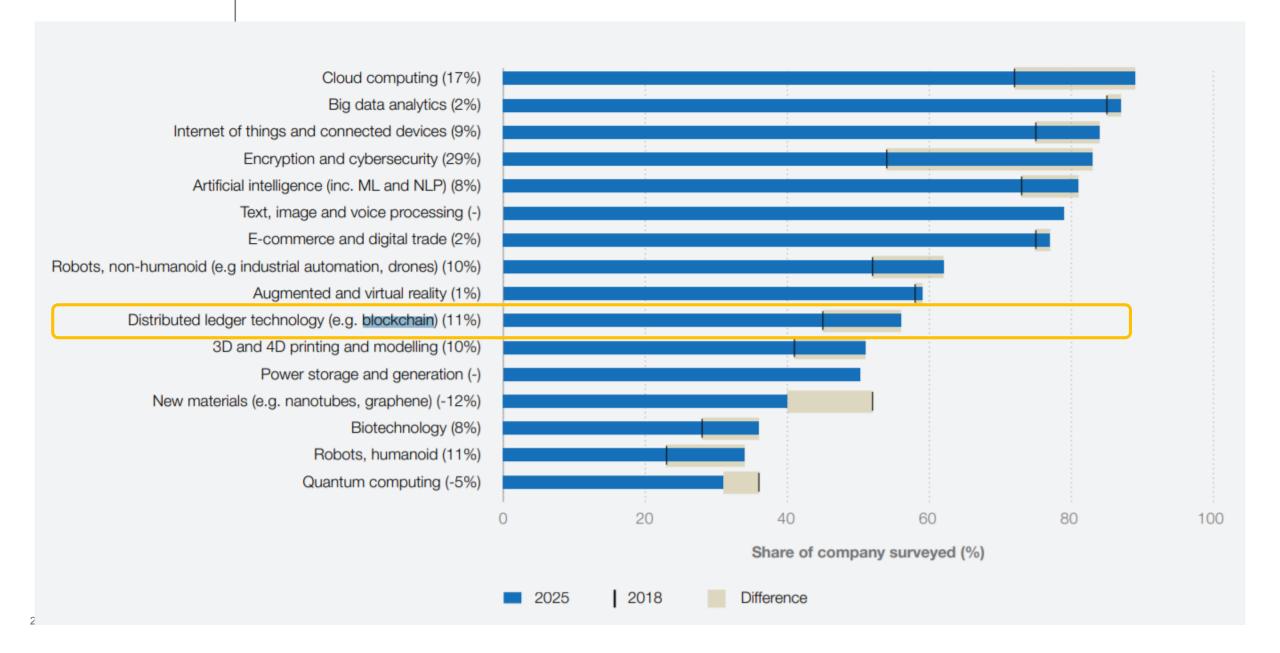
Token Share ownership

Sharjah to Dubai

Solving the problem of funding limitations, and offering an STO to benefit the public

The End..

Technologies likely to be adopted by 2025 (by share of companies surveyed)





Service Features



Cheque Verification

- Customer opens the Emirates NBD App and scans the QR code on the cheque





Cheque Amount Verification

- In the Emirates NBD app, customer can check enough funds in the account





Cheque Amount on hold

- Customer can place amount on hold until cheque is cleared,



Solving Business Problems

