

BLOCKCHAIN:

- *Blockchain is a distributed and Write-once-read-only record of digital events in chronological order that is shared in a p2p network.*
- *Any information or digital asset that could be stored in a blockchain could qualify as a transaction.*
- *Blockchain provides great amount of security which gets better and better with each block*



BLOCKCHAIN JUST CRYPTOCURRENCY OR SOMETHING ELSE ???

We should think about the blockchain as another class of thing like the Internet a comprehensive information technology with tiered technical levels and multiple classes of applications for any form of asset registry, inventory, and exchange, including every area of finance, economics, and money; hard assets (physical property, homes, cars); and intangible assets (votes, ideas, reputation, intention, health data, information, etc.). But the blockchain concept is even more; it is a new organising paradigm for the discovery, valuation, and transfer of all quanta (discrete units) of anything, and potentially for the coordination of all human activity at a much larger scale than has been possible before.

*A **blockchain**, originally **block chain**, is a growing list of records, called blocks, which are linked using cryptography. Each block contains a **cryptographic hash** of the previous block, a timestamp, and transaction data (generally represented as a merkle tree root hash). Blockchain was invented by **Satoshi Nakamoto** in **2008** to serve as the public transaction ledger of the cryptocurrency bitcoin.^[1] The invention of the blockchain for bitcoin made it the first digital currency to solve the double-spending problem without the need of a trusted authority or central server.*