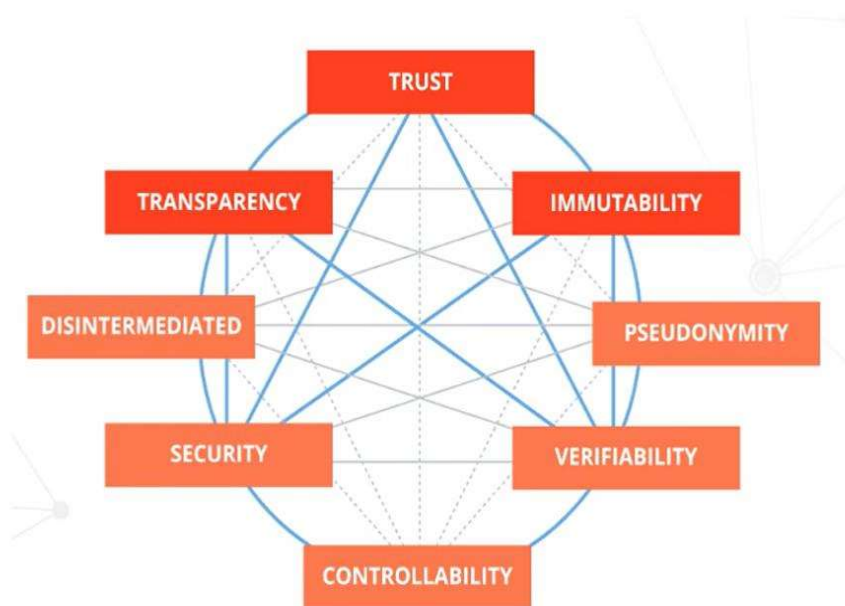# The Key Attributes of Blockchain

- Block chain has a spectrum of key attributes that are highly interdependent and which vary in their relative dominance based on design and implementation.

- All of these key features should be considered as potential attributes since their exact realization depends on the detailed design of a particular block chain system.

- Transparency: Identical copies of the entire record of transactions are available to all particulars at all times. This is often reference to as a distributed ledger. The ledger provide transparency of transactions to anyone with access.

- Trust: Strict governance rules, cryptography and immutability of transactions work together to provide strong security for individuals interacting directly on distributed network without a central trusted authority.

- Immutability: Immutable transactions recorded on a block chain cannot be changed or removed. To change a transaction on the block chain, a new transaction needs to be added to reverse the effects of the original.