**What all things does a blockchain contain?**

**Ans:-**

A blockchain, originally blockchain is a growing list of [records](https://en.wikipedia.org/wiki/Record_(computer_science)), called *blocks*, that are linked using [cryptography](https://en.wikipedia.org/wiki/Cryptography). Each block contains a [cryptographic hash](https://en.wikipedia.org/wiki/Cryptographic_hash_function) of the previous block, a [timestamp](https://en.wikipedia.org/wiki/Trusted_timestamping), and transaction data (generally represented as a [Merkle tree](https://en.wikipedia.org/wiki/Merkle_tree)).

Blocks hold batches of valid [transactions](https://en.wikipedia.org/wiki/Transaction_processing) that are hashed and encoded into a [Merkle tree](https://en.wikipedia.org/wiki/Merkle_tree). Each block includes the [cryptographic hash](https://en.wikipedia.org/wiki/Cryptographic_hash) of the prior block in the blockchain, linking the two. The linked blocks form a chain. This [iterative](https://en.wikipedia.org/wiki/Iteration) process confirms the integrity of the previous block, all the way back to the original genesis block.