

1. What is your understanding of Blockchain?

Blockchain is a mixture of two technologies, namely distributed database and cryptography.

2. What is the core problem block is trying to solve?

According to me, the main problem because of which idea of blockchain was discovered was security.

3. Few Features of blockchain

The feature of blockchain include:

No Hacking, Verifiable, Data transparency and Decentralized.

4. What all things does a block in a blockchain contain?

A block typically consists of block number, Previous block's key, data and mining key.

5. How is Verifiability achieved in blockchain?

As we know blockchain is a combination of distributed database and cryptography, so the same data is stored at different places and is encrypted by a hashing algorithm called SHA-256 which generates a key for the given data. If the same data is stored at all the places then same key should be generated otherwise if there is a change of even a period in the data then the SHA-256 will generate a different key. So *verifiability* is achieved by ensuring that same key is generated at all the places for the same data.