**What is your understanding of Blockchain?**

A blockchain is a database that is shared across a network of computers. It is a system of recording information in a way that makes it difficult or impossible to change, hack, or cheat the system.

**What is the core problem blockchain trying to solve?**

1) Authenticity

2) Verifiablity

3) Security

4) Immutable Data

**What are the few features which blockchain will give u.**

One of the advantages of blockchain is that it can’t be tampered with.

Each block that is added onto the chain carries a hard, cryptographic reference to the previous block.

data structure that holds transactional records and while ensuring security, transparency, and decentralization

**What all things does a Block Contain?**

It contains the previous block hash, current transaction/data, the new(current) hash, Minining key.

**How is the verifiability of Blockchain is been attained ??**

Each block that is added onto the chain carries a hard, cryptographic reference to the previous block.

data structure that holds transactional records.

Each transaction on a blockchain is secured with a digital signature that proves its authenticity.

Due to the use of encryption and digital signatures, the data stored on the blockchain is tamper-proof and cannot be changed.