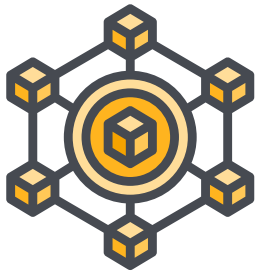


# What is Blockchain?



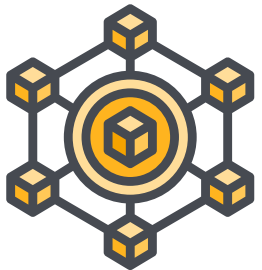
- Blockchain is a decentralized, distributed digital ledger that records transactions across multiple computers.
- Data is stored in blocks and linked together using cryptography (forming a chain → Blockchain).
- Once data is added, it becomes immutable (cannot be changed or deleted).
- It removes the need for a central authority (like banks or intermediaries).



# Why We Use Blockchain?



- Transparency → Everyone can verify transactions publicly.
- Security → Data is encrypted and tamper-proof.
- Decentralization → No single point of control or failure.
- Trustless System → Users don't need to trust each other, they trust the blockchain.
- Efficiency & Speed → Faster transactions compared to traditional systems.
- Cost Reduction → Cuts out intermediaries, saving money.





# Why Blockchain Matters in 2025 & Beyond



- Digital Economy Growth
- Web3 & Internet Evolution
- Real-World Applications
- Future Tech Synergy
- Job & Career Opportunities
- Global Adoption





# In This Course



 Beginner to Advanced

 Theoretical + Practical

 Real Life Examples

 Easy Explanation

 Best Practices

 Interview Questions Preparation

