

# 4. Blockchain Fundamentals Cheat Sheet

Title: Blockchain Quick Reference  
Keywords: blockchain cheat sheet, blockchain basics, crypto fundamentals

Contents:

Topic	Key Points
Blockchain Basics	Decentralized ledger, nodes, miners/validators
Consensus Mechanisms	Proof of Work (PoW), Proof of Stake (PoS)
Public vs Private Blockchains	Bitcoin vs Enterprise solutions
Smart Contracts	Self-executing code on Ethereum, Binance Smart Chain
Security Tips	Verify transactions, use wallets with strong security
Use Cases	Payments, DeFi, NFTs, supply chain tracking

Tips:

- Understand differences between PoW and PoS.
- Smart contract auditing prevents hacks.
- Stay updated on blockchain innovations.