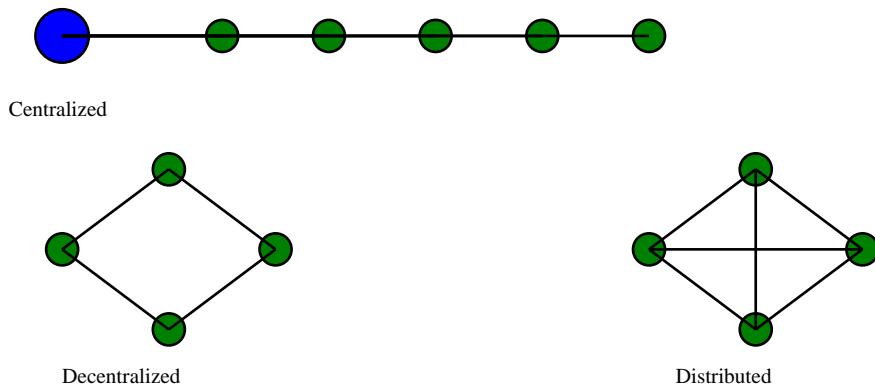


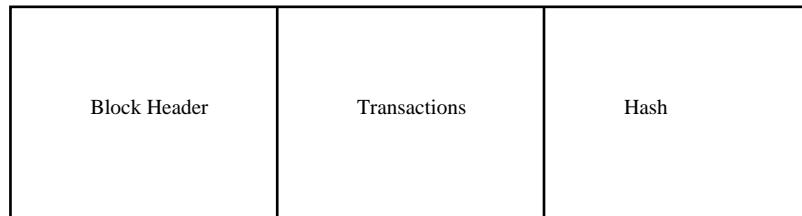
Blockchain Technology Notes (with Diagrams)

Centralized, Decentralized, and Distributed Networks

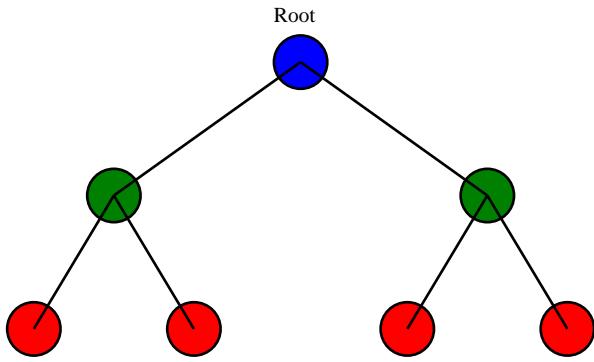
Blockchain is often compared with centralized and decentralized networks. The diagrams below illustrate the differences.



Structure of a Block in Blockchain



Merkle Tree Structure



Proof of Work (PoW) Mining Loop



If hash < Target → Success
Else incrementNonce & repeat