



Types of Mining

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Mining can be divided into two types:

- **Solo Mining:**
 - Each miner will set up the hardware and register himself for mining.
 - The first miner to find the solution informs all the other miners that he has found the solution.
 - In Solo mining, there is no interruptions from other miners.
 - Mining rewards does not have to be shared.

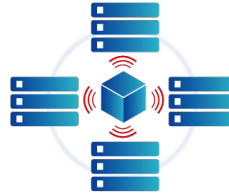
- **Pool Mining:**
 - A single miner does not have enough resources to mine the Blockchain.
 - These miners combine their resources to mine the Blockchain faster.
 - Lower costs of mining, due to economies of scale.
 - Smoother income distribution.
 - Generating a higher income potentially.

Solo Mining

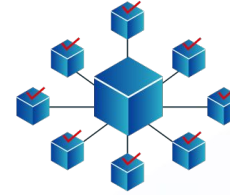


Transaction Initiated

Transaction is bundled into a block with other transactions



Block is broadcasted to all mining nodes in the network.



Transaction is validated by other nodes in the network.



Transaction is completed



New block is added to the blockchain.



Mining Completed and miner gets reward.

Pool Mining

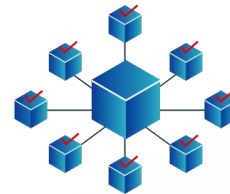


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Mining Completed and rewards get divided among miners