What is the process of Cryptocurrency mining?

**Characteristics:**

### Transaction
A user generates a request to transfer a cryptocurrency value using a mobile device or computer.

### Validation
The request is circulated on the network and processed in the form of a complicated cryptographic proof or mathematical puzzle.

The answer to this mathematical puzzle or equation is called **HASH**.

#### Mining PoW: Proof of Work
Users called "miners" collect these puzzles to obtain the hash of a single block using a mathematical problem.

The first miner to solve the cryptographic problem for each block gets a cryptocurrency reward.

#### Mining PoS: Proof of Stake
A committee of randomly selected miners wager a certain amount of their cryptocurrencies.

In return, the validators have to create and validate the hash of the following block.

Validators are not rewarded, but receive a small fee from each transaction.

### Inclusion
The hash value is added to the header of the next block, creating a blockchain that serves as a public ledger of all transactions. Once a transaction is added to this chain, it is impossible to reverse or modify.

Sources: ip.bitcointalk.org, economia3.com, spectrum.ieee.org/