

CIPHERVOTE

Voting System using Blockchain





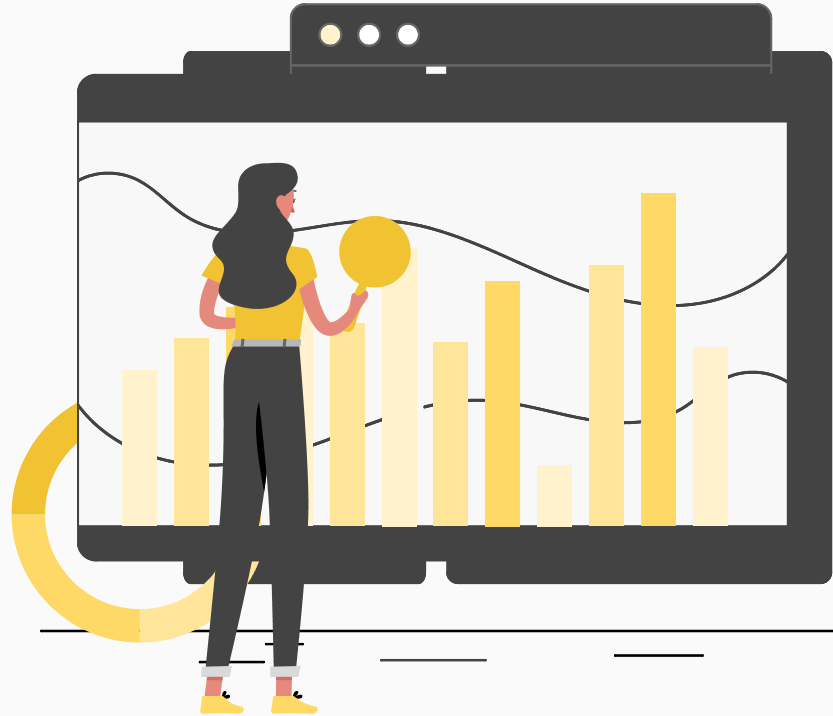
**01
INTRODUC-
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**02
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**03
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01. INTRODUCTION



INTRODUCTION

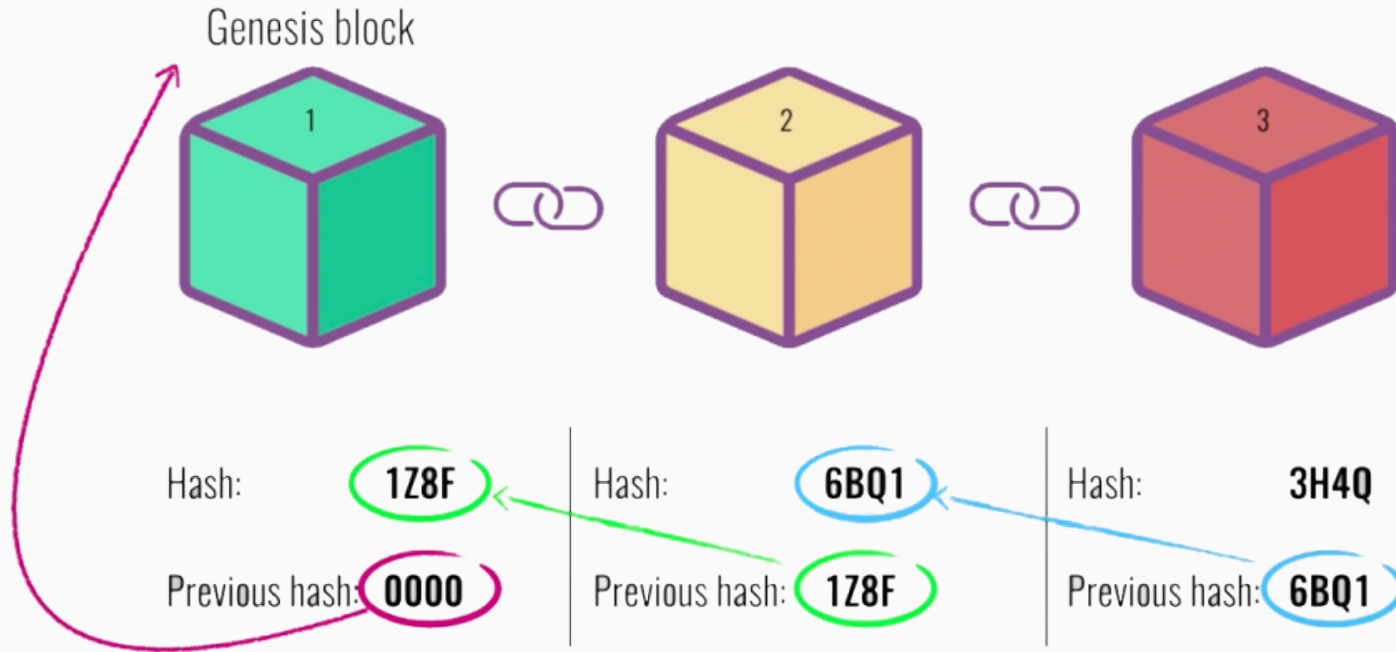
A blockchain is a decentralized, distributed, and oftentimes public, digital ledger consisting of records called *blocks*.

It is used to record transactions across many computers so that any involved block cannot be altered retroactively.

A blockchain has been described as a value-exchange protocol and it can maintain title rights, too.



WHAT IS BLOCKCHAIN?



BLOCK OVERVIEW

DATA

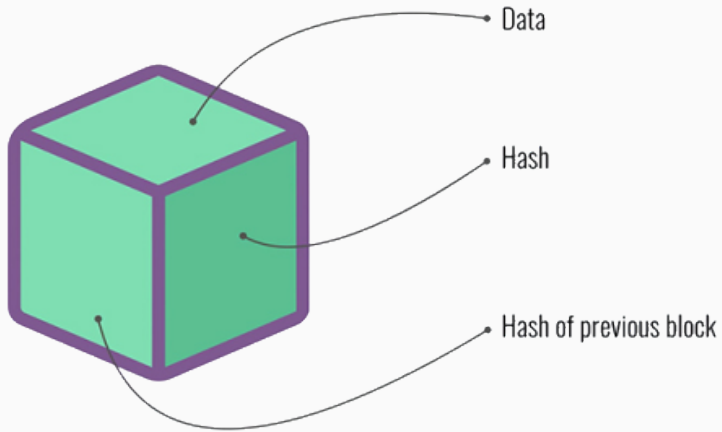
The data is the information about the transactions.

HASH

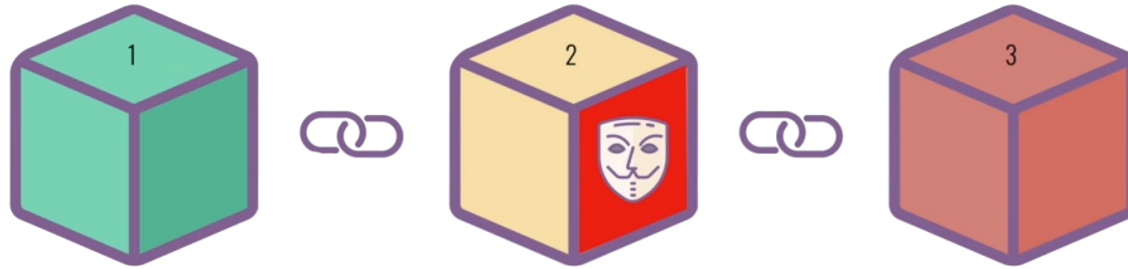
This is the identification number of a block. It's a unique and unrepeatable number, and every block has its own.

PREVIOUS HASH

Each block is connected to its predecessor and successor based on their hashes, creating a chain structure.



WHAT IS BLOCKCHAIN?



Hash: **1Z8F**

Previous hash: **0000**

Hash:

~~6BQ1~~ **H62Y**

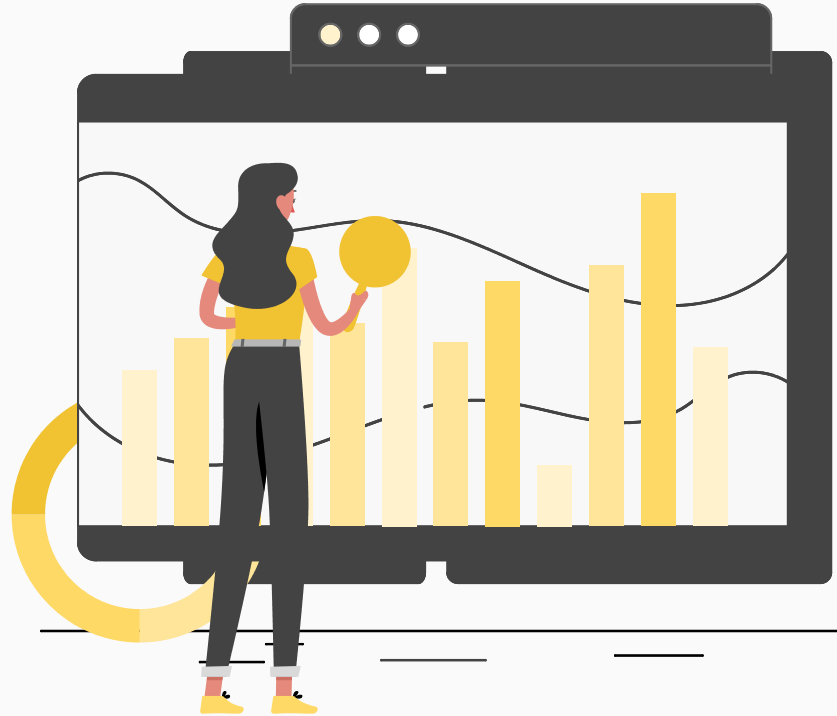
Previous hash: **1Z8F**

Hash:

3H4Q

Previous hash: **6BQ1**

02. METHODOLOGY





1. A country holds an election and wants to prevent voter fraud



2. A DAO should be created to safeguard transparency and eliminate vote rigging



3. This is ensured by embedding predefined conditions into code



4. Voting tokens are issued to everybody eligible to vote

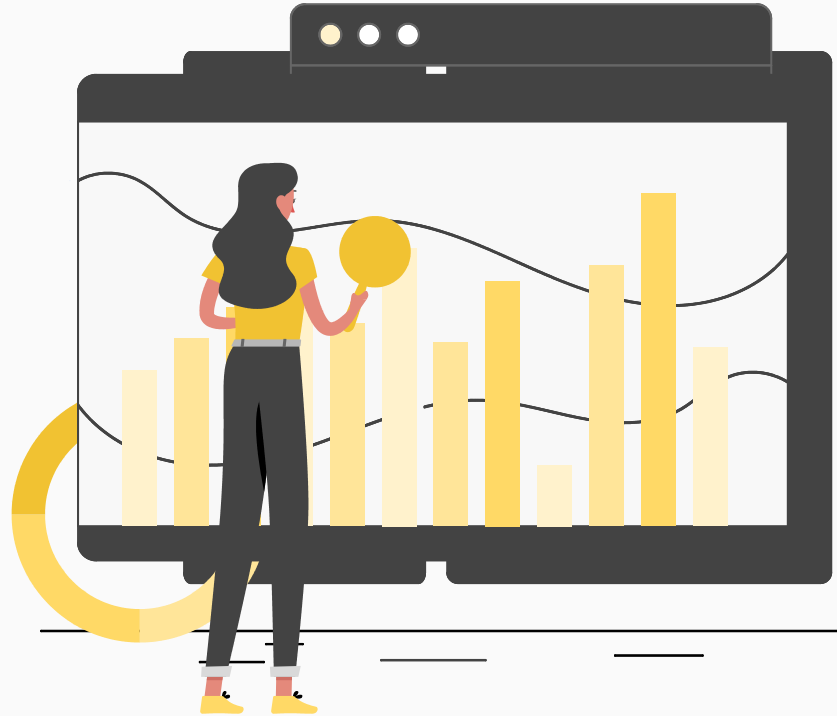


5. People start voting



6. Every vote is recorded and processed on the Ethereum blockchain which ensures transparency while allowing everything to run by itself and decentralized

03. INSIGHTS



ADVANTAGES OF BLOCKCHAIN VOTING



COST CUTTING



TAMPER PROOF VOTING



FASTER PROCESS

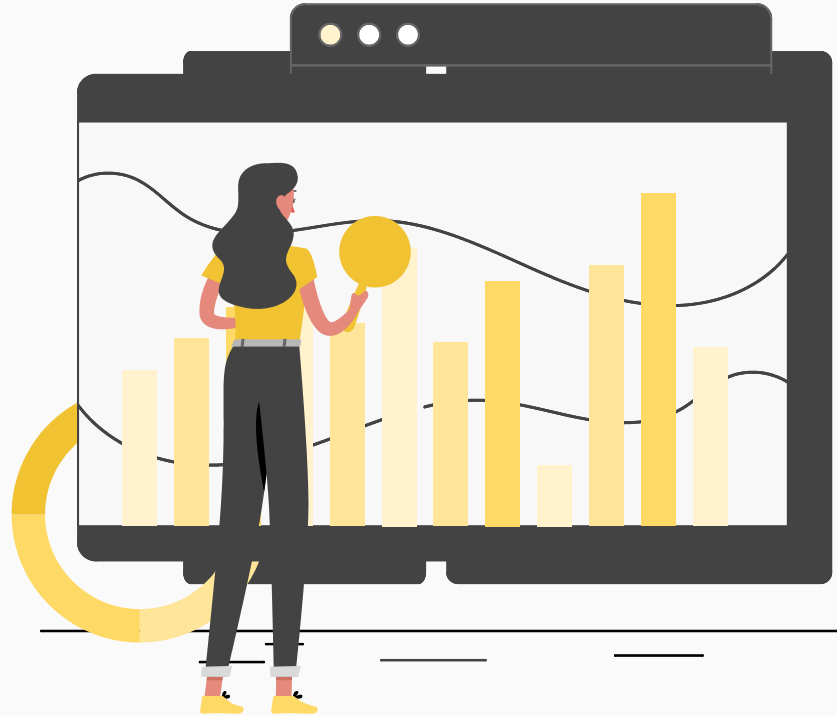


**TRANSPARENT
VOTING**



**LESSER
MANPOWER**

04. CONCLUSION



CONCLUSIONS

A

There is no chance of illegal vote tampering as everything is stored in the Blockchain by spending a definite amount of token.

B

Due to the transparency of the system, the redundancy and duplicacy is avoided to a larger extent.

C

The time to conduct an election and declaring the results corresponding to it is narrowed down and it also saves a lot of manpower.

THANK YOU

