قراردادهای هوشمند

Meetchain

Arshia Hemmat



مفاهیم و کلیات قراردادهای هوشمند 02

چجوری برنامهنویس بلاکچین بشیم 03

پیادهسازی قرارداد هوشمند



مفاهیم و کلیات قراردادهای هوشمند

تئورى

02

چجوری برنامهنویس بلاکچین بشیم

تئورى

03

پیادهسازی قرارداد هوشمند

عملي



مفاهیم و کلیات قراردادهای هوشمند

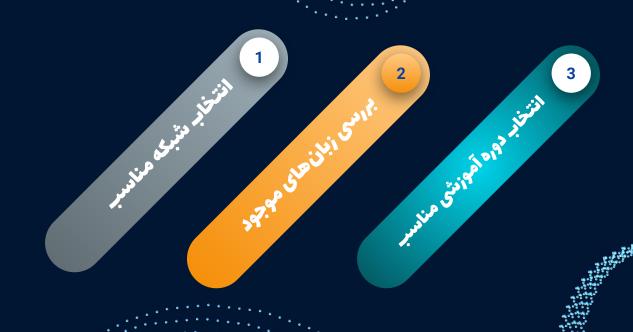
تئورى





چگونه برنامهنویس بلاکچین شویم

تئورى



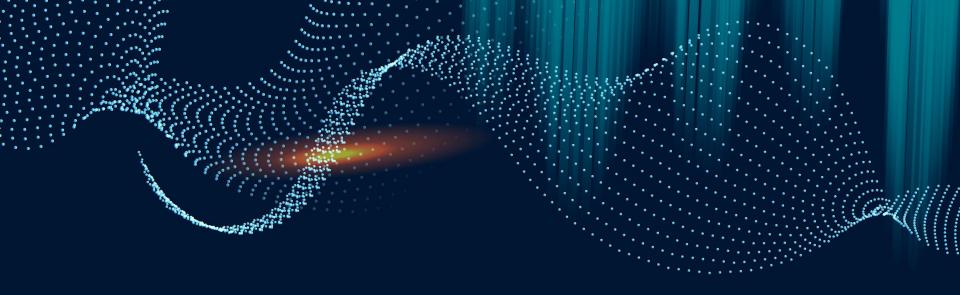


پیادهسازی قرارداد هوشمند

عملي







مقدمات و کلیات مزایا و کاربردهای قراردادهای هوشمند





مشكلات قراردادهای سنتی

امکان دستکاری در اطلاعات قرارداد برای طرفین قرارداد وجود دارد

به شکل مکتوب برروی کاغذ

2

اشخاص ثالثی مانند وکیل یا دفتر خانه باید در فرایند دخالت کنند

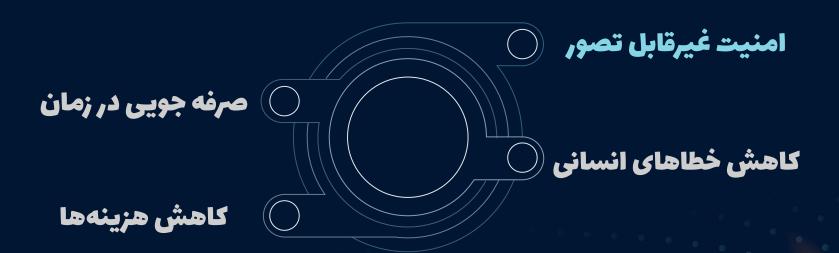


امکان نابودی و از

بین رفتن قراردادها

وجود دارد

مزایای قراردادهای هوشمند

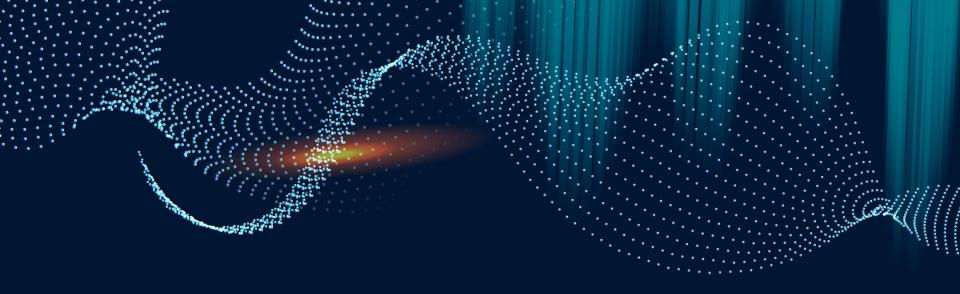




کاربرد قراردادهای هوشمند







برنامه نویسی بلاکچینی برنامه نویسی مختلف و زبانهای مختلف



بلاكچينى بررسى پلتفرمهاى



Tezos



Stellar



Hyperledger Fabric



Hyperledger Sawtooth



EOS



Openchain



Corda



Tron



Hedera Hashpraph



Ethereum



Ethereum

They have the largest community with core protocol developers, cypherpunks, crypto-economic researchers and mining organizations. It aims to eliminate internet third-parties who save data and track financial instruments.

features of the Ethereum platform:

- Smart Contracts Functionality
- Turing Completeness
- Permissioning
- Privacy
- Rapid Deployment



Tokenization

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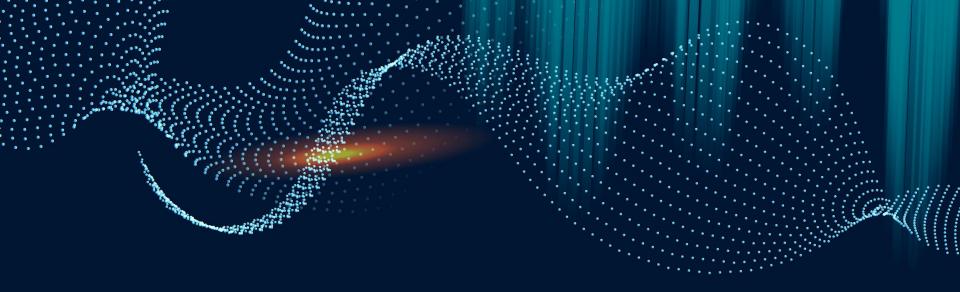
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- Tokenization



Solidity







پیادهسازی بررسی محیط پیادهسازی و طراحی Dapp



محیطهای پیادهسازی قراردادهای هوشمند



Remix

VS code











از همراهی شما سپاسگزاریم

@meetchain zil.ink/meetchain



```
pragma solidity ^0.4.17;
     contract lottary
         address public manager;
         address public winner address;
         address[] public players;
         function lottary() public{
             manager = msg.sender;
12 +
         function enter() public payable{
             require(msg.value > 0.01 ether);
             players.push(msq.sender);
16 +
         function PickWinner() public CheckAdmin{
             uint index = random generator() % players.length;
             players[index].transfer(this.balance);
             winner address = players[index];
             players = new address[](0);
         function random generator() public view returns(uint){
22 -
             return uint(keccak256(block.difficulty, now, players));
25 ▼
         function getPlayer() public view returns(address[]){
             return players;
         function WinPrice() public view returns(uint)
29 ▼
             return this.balance;
32 ▼
        modifier CheckAdmin{
             require(msg.sender == manager);
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