**Blockchain based voting system: Dataset**

Blockchain-based voting systems have been in development and discussion for several years, but they haven't been widely implemented for large-scale public elections as of 2024. However, the concept and early implementations have been emerging since around 2014-2015.

To create a dataset for this blockchain voting system, we'll need to simulate data for various aspects of the voting process. Here's a sample dataset that could be used with the HTML structure:

1. **Voter Registration Data:**

Copyvoter\_id,name,password\_hash,registration\_date

V001,John Doe,a1b2c3d4e5f6g7h8i9j0,2024-01-15

V002,Jane Smith,b2c3d4e5f6g7h8i9j0k1,2024-01-16

V003,Bob Johnson,c3d4e5f6g7h8i9j0k1l2,2024-01-17

V004,Alice Brown,d4e5f6g7h8i9j0k1l2m3,2024-01-18

V005,Charlie Davis,e5f6g7h8i9j0k1l2m3n4,2024-01-19

1. **Candidate Data:**

Copycandidate\_id,name,party

C001,Candidate 1,Party A

C002,Candidate 2,Party B

C003,Candidate 3,Independent

1. **Vote Data:**

Copyvote\_id,voter\_id,candidate\_id,timestamp,block\_hash

BV001,V001,C002,2024-06-29T09:15:30Z,0x1a2b3c4d5e6f7g8h9i00j

BV002,V003,C001,2024-06-29T10:20:45Z,0x2b3c4d5e6f7g8h9i0j1k

BV003,V002,C003,2024-06-29T11:30:15Z,0x3c4d5e6f7g8h9i0j1k2l

BV004,V005,C002,2024-06-29T12:45:00Z,0x4d5e6f7g8h9i0j1k2l3m

BV005,V004,C001,2024-06-29T13:55:30Z,0x5e6f7g8h9i0j1k2l3m4n

1. **Vote Verification Data:**

Copyverification\_id,vote\_id,verification\_timestamp,verified

VF001,BV001,2024-06-29T09:20:00Z,true

VF002,BV002,2024-06-29T10:25:15Z,true

VF003,BV003,2024-06-29T11:35:45Z,true

VF004,BV004,2024-06-29T12:50:30Z,true

VF005,BV005,2024-06-29T14:00:00Z,true

1. **Election Results Data:**

Copycandidate\_id,votes\_received

C001,2

C002,2

C003,1

This dataset provides:

* Voter registration information (excluding actual passwords for security)
* Information about the candidates
* Voting records, including a simulated blockchain hash
* Vote verification records

A simple tally of election results

To use this data with the HTML structure:

* The Voter Authentication section would check against the Voter Registration Data.
* The Cast Your Vote section would use the Candidate Data to populate options and record votes in the Vote Data.
* The Verify Your Vote section would check against the Vote Verification Data.
* The Election Results section would display data from the Election Results Data.

Remember, in a real blockchain voting system:

* Data would be encrypted and stored securely on the blockchain.
* Actual implementation would require more complex data structures and cryptographic methods.
* Personal information would be protected and not directly accessible.
* The system would need to comply with relevant election laws and regulations.