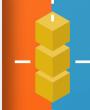# PRIVATE VS PUBLIC

BLOCKCHAINS

Permission?

Permissioned:
Need permission to connect to this blockchain and participate in consensus

Permissionless:
Don't need permission to join such a blockchain

Features

Transactions are Private
Need for Authentication Process
Structure - "Governance" Models

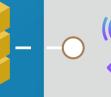- Its Network is Transparent
- Fully Immutable
- 100% Decentralized

Pros

Energy Efficient
Fast Transactions
Scalability

- Trusted across the network
- Highly Secure
- Open access to everyone

Cons

Only participants can write on the blockchain
Lack of immutability
Controlled by consortium of participants

- Difficult to scale
- Low level of Energy Efficiency
- Slow Transaction Speed

Where its mostly used?

Supply Chain Management
Food Tracking
Financial, Banking & Payments

- Remittances/Payments
- Digital Identity/Credentials/Public Notarization
- Voting

More info:

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