WHICH ARE THE USES OF BLOCKCHAIN?

Blockchain is a transfer of digital data, with very sophisticated encryption, between multiple interconnected nodes which record and validate it.

--- BENEFITS ---

- **No intermediaries**
- **It cannot be altered**
- **It cannot go down and information cannot be lost**
- **Traceability**
- **Privacy**

--- USES ---

- **Renewable energy**
  - Streamlines transactions between operators, certifies the renewable origin and allows the user to produce and transfer renewable energy.
- **Government institutions**
  - Provides real-time information and transparency.
- **Electronic voting**
  - Guarantees signatures and prevents hacking.
- **Internet of things**
  - Domestic appliances can make their own purchases.
- **Food**
  - Ensures traceability.
- **Financial transactions**
  - Cheaper and more streamlined.
- **Privacy of databases**
  - In healthcare, security, tourism, etc.
- **Smart contracts**
  - These are automatically performed when both parties fulfil the agreed terms. If the contract is not fulfilled, an automatic reimbursement takes place.
- **NGOs**
  - Makes donations more secure and more transparent.