

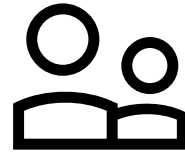
Self Sovereign Identity and the Blockchain

Thanks to **Blockchain technology**, it is possible to build a Self Sovereign Identity system. A Blockchain has **three main characteristics**:



It's a Ledger

A Blockchain is only one of the possible ways to store and share data among several participants.



... Shared ...

Each participant keeps a local copy of the whole ledger, containing the whole history of transactions.



... and Democratic.

Modifications to the Ledger and the protocol must be approved by all participants.

In the Self Sovereign Identity model, entities (people, businesses, devices) can be identified with a new approach: **Decentralized Identifiers (DID)**

- A DID allows to recover univocally a **DID Document**
- A DID Document contains the **Verifiable Claims** and it is stored on a **Blockchain** or a **centralized system**

