1.7 **General Purpose Blockchain**

1. **Ethereum** is distributed **state Machine**.
2. **Ethereum** track state of **currency ownership**, and state transition of a general-purpose **data store**, I.e. a store that can hold any data **expressible** **as key-value pair**. In bitcoin only currency state is stored while in Ethereum

both state and data are stored (data is about the info of dapps).

1. Ethereum has the memory that store both code and data and it uses the Ethereum Blockchain to track how this memory changes over the time.
2. Ethereum can load into its state machine(vm machine) and run that code, storing the resulting state change in its blockchain.
3. Two of the critical differences from the most general-purpose computer are that Ethereum state changes are governed by the rules of consensus and the state is distributed globally.