

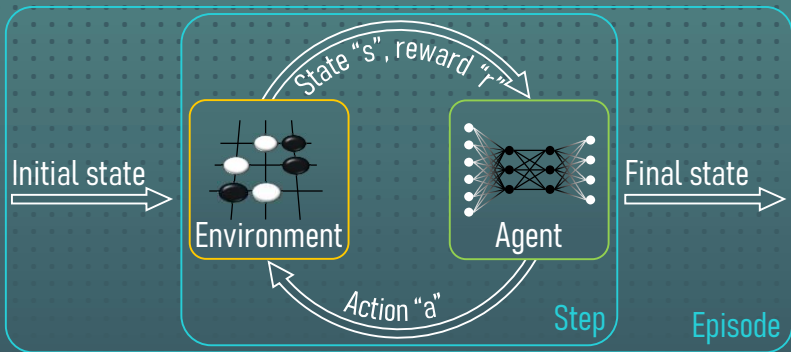
Machine Learning

Reinforcement Learning DQN

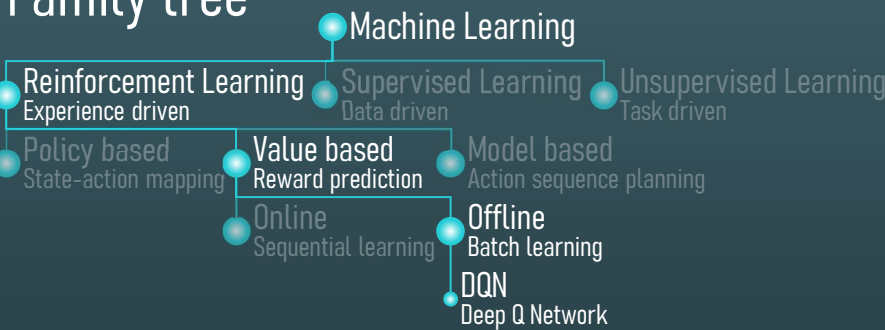
Deep Q-Network
"Algorithm learning through trial and error thanks to reward, memory & neural network"



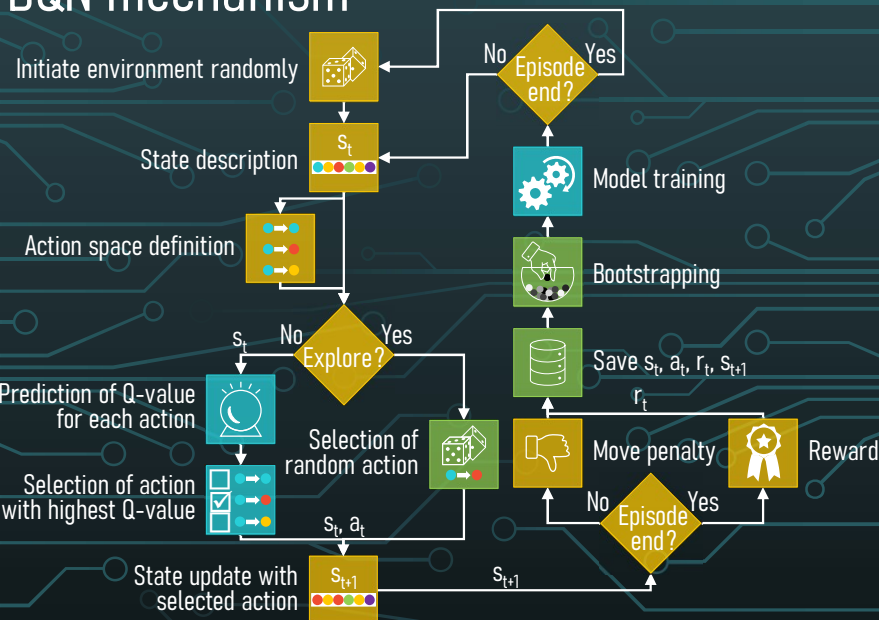
General principle



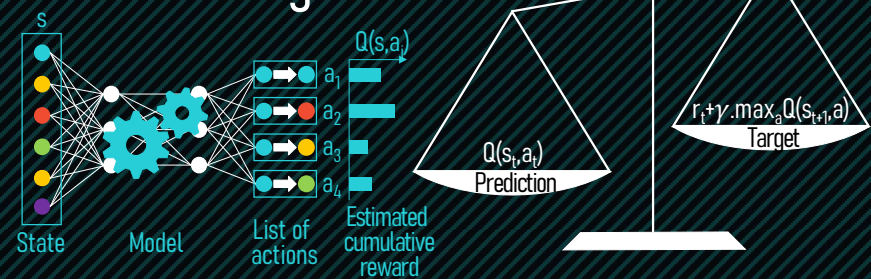
Family tree



DQN mechanism



Model training



Fitting model parameters to minimize cumulative reward estimation error