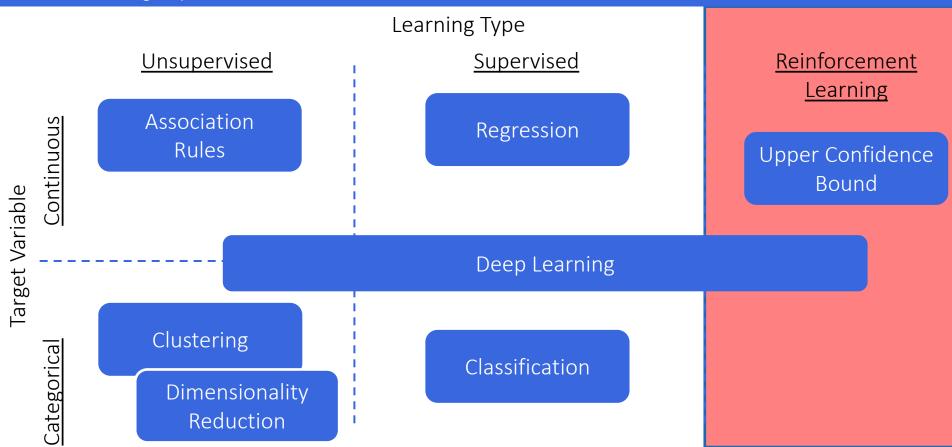
Machine Learning Map

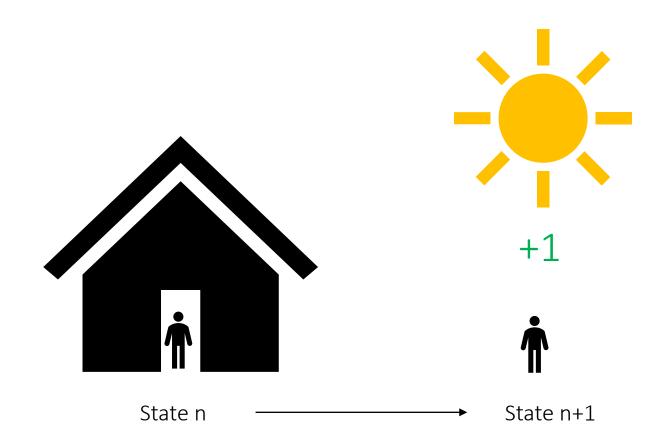


Introduction

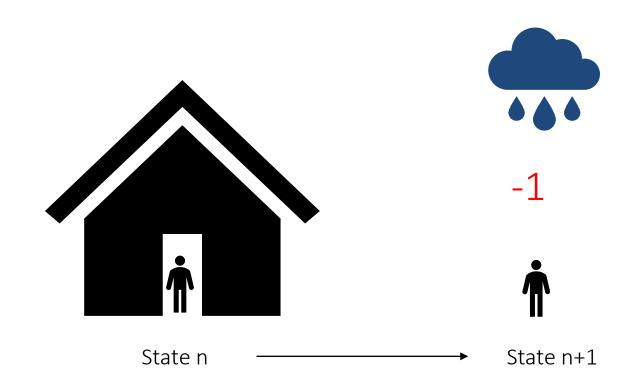
- type of Machine Learning
- components:
 - agent,
 - environment,
 - state,
 - reward
- process involves trial and error
- exploration / exploitation



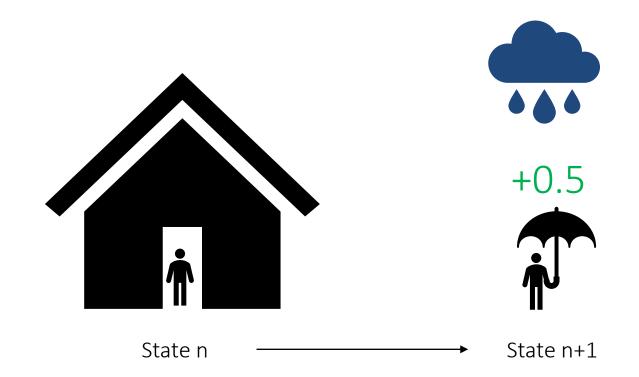
Simple Example



Simple Example



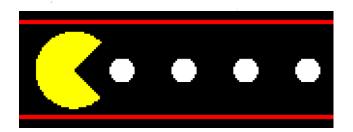
Simple Example



Examples







Robotics



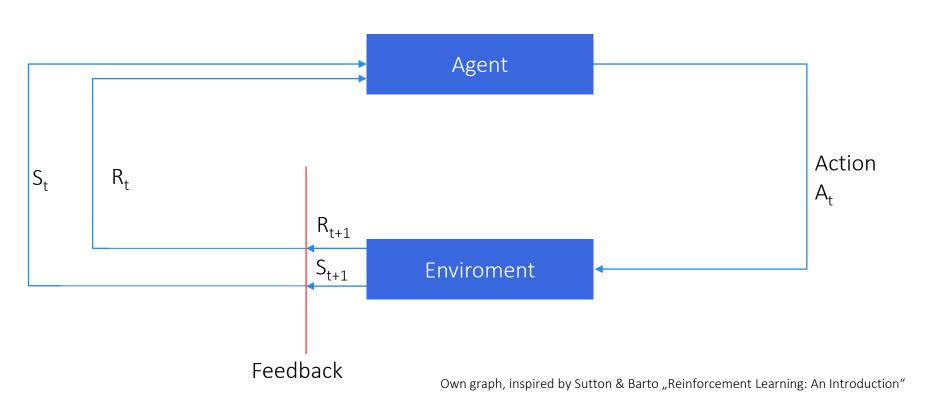
Self-Driving Cars



Source: https://upload.wikimedia.org/wikipedia/commons/thumb/c/cf/Waymo_self-driving_car_front_view.gk.jpg/220px-Waymo_self-driving_car_front_view.gk.jpg

Source: https://www.bostondynamics.com/atlas

Process



From RL to Deep RL

