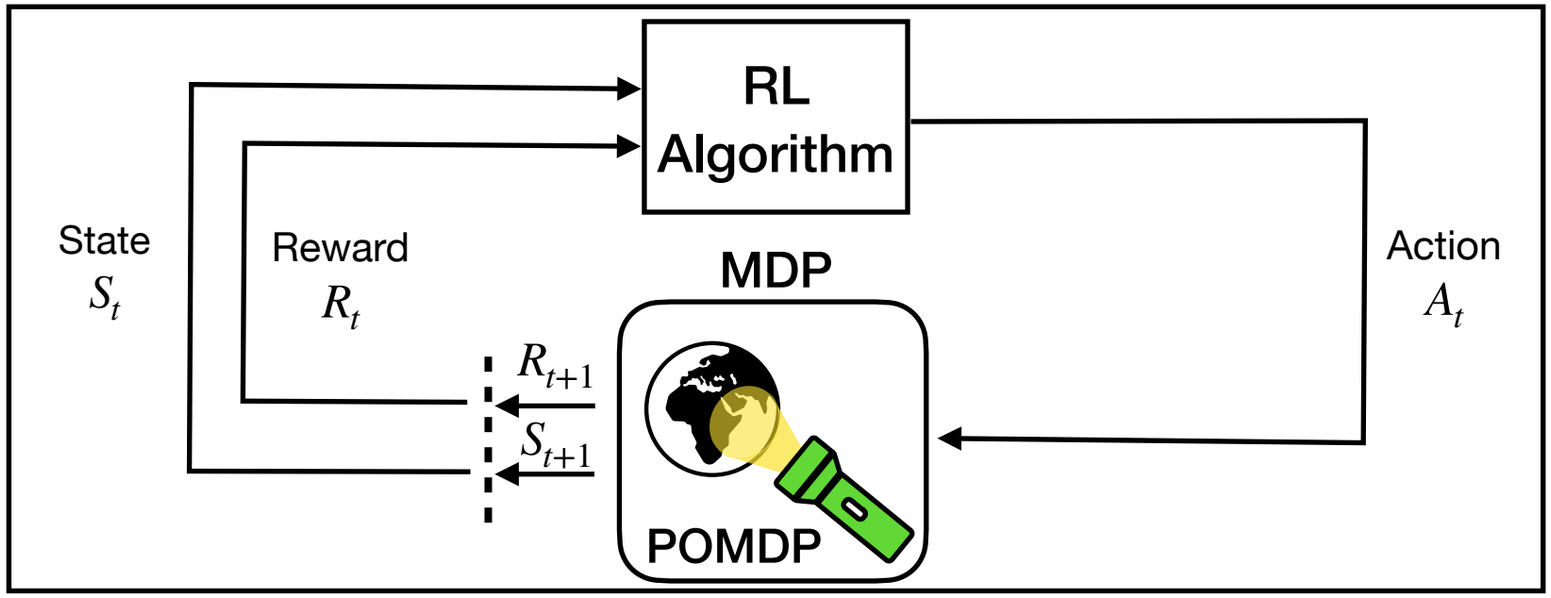
The entire problem



MDP Markov decision process
POMDP Partially observable Markov decision process

Problem formulation - capturing the problem in an MDP