Deep Q Learning: From Paper to Code

Coding The Double Q Learning Agent Class

What We Need to Accomplish

- Networks, memory, action selection, network replacement, epsilon decrement, model saving are all the same

- Only difference is the calculation of target values!

$$Y_t^{DDQN} \overset{\text{def}}{=} R_{t+1} + \gamma Q_{next}\left(S_{t+1}, \underset{a}{argmax}\, Q_{eval}\left(S_{t+1}, a\right)\right)$$