

# Q&A on Value-Function Approximation

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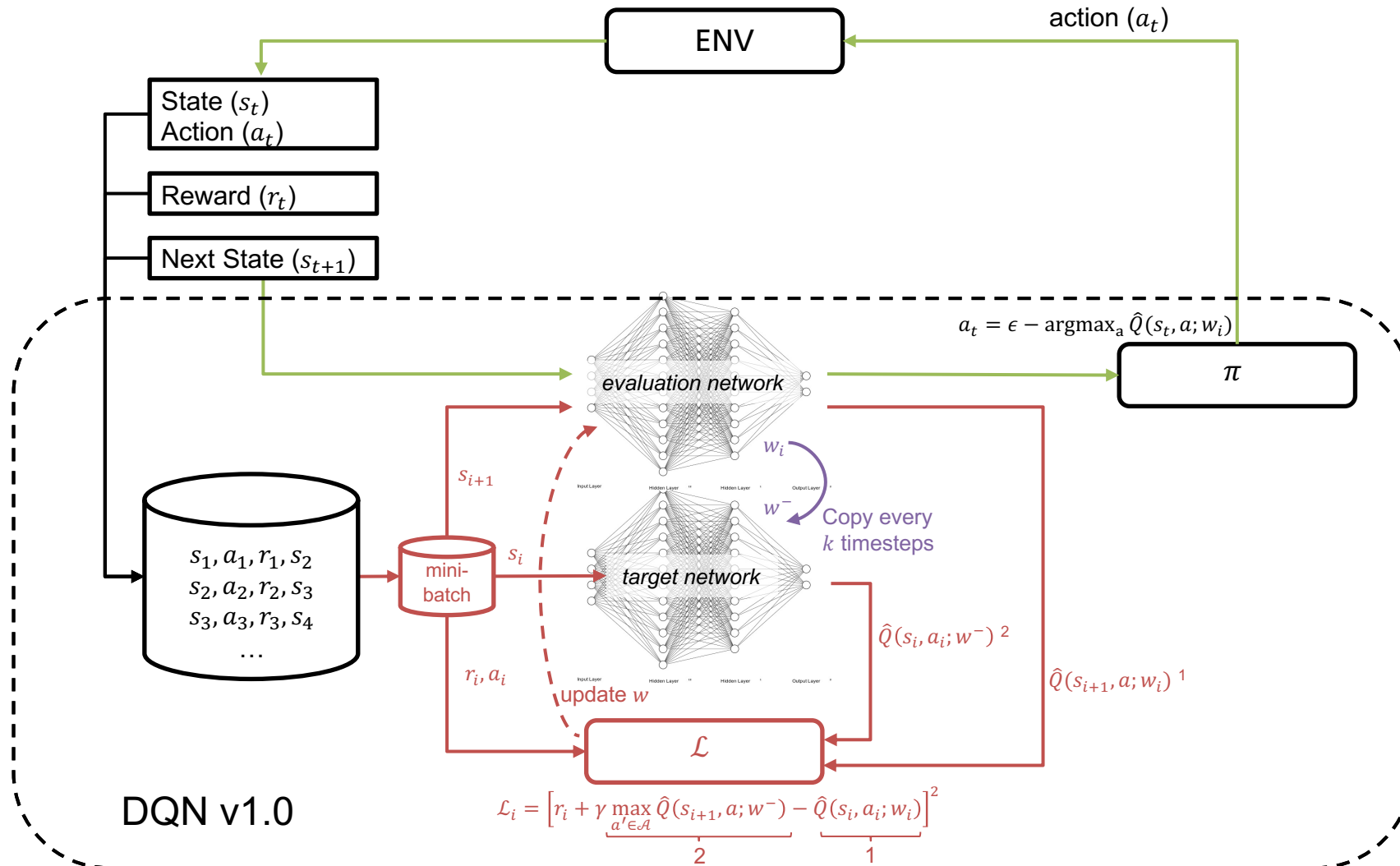


## Small error in 5-03

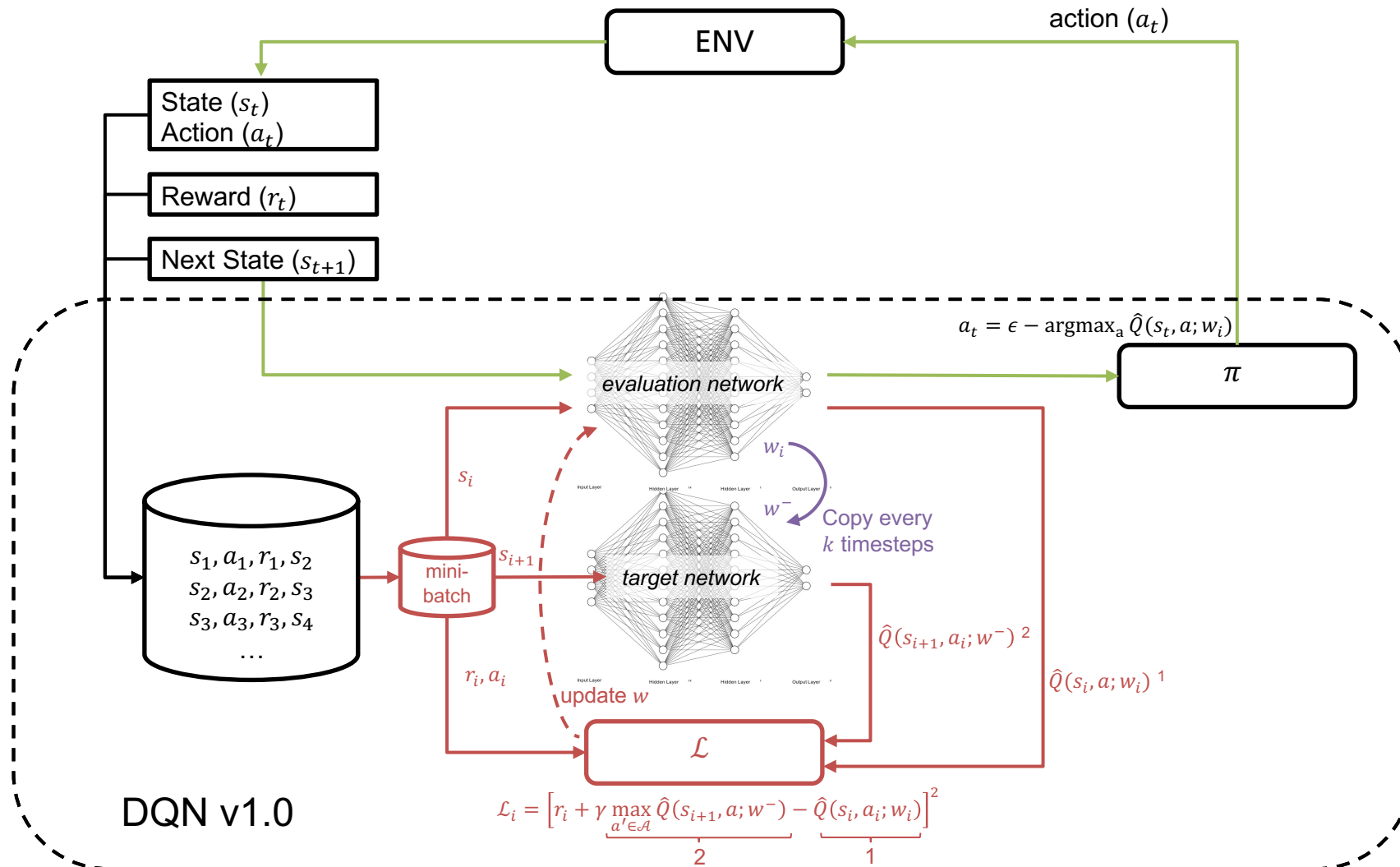
- There is a small confusion on the DQN slides of 5-03 with the target networks and the samples from the mini-batch

# Deep Q-Networks (DQNs)

from slides 5-03



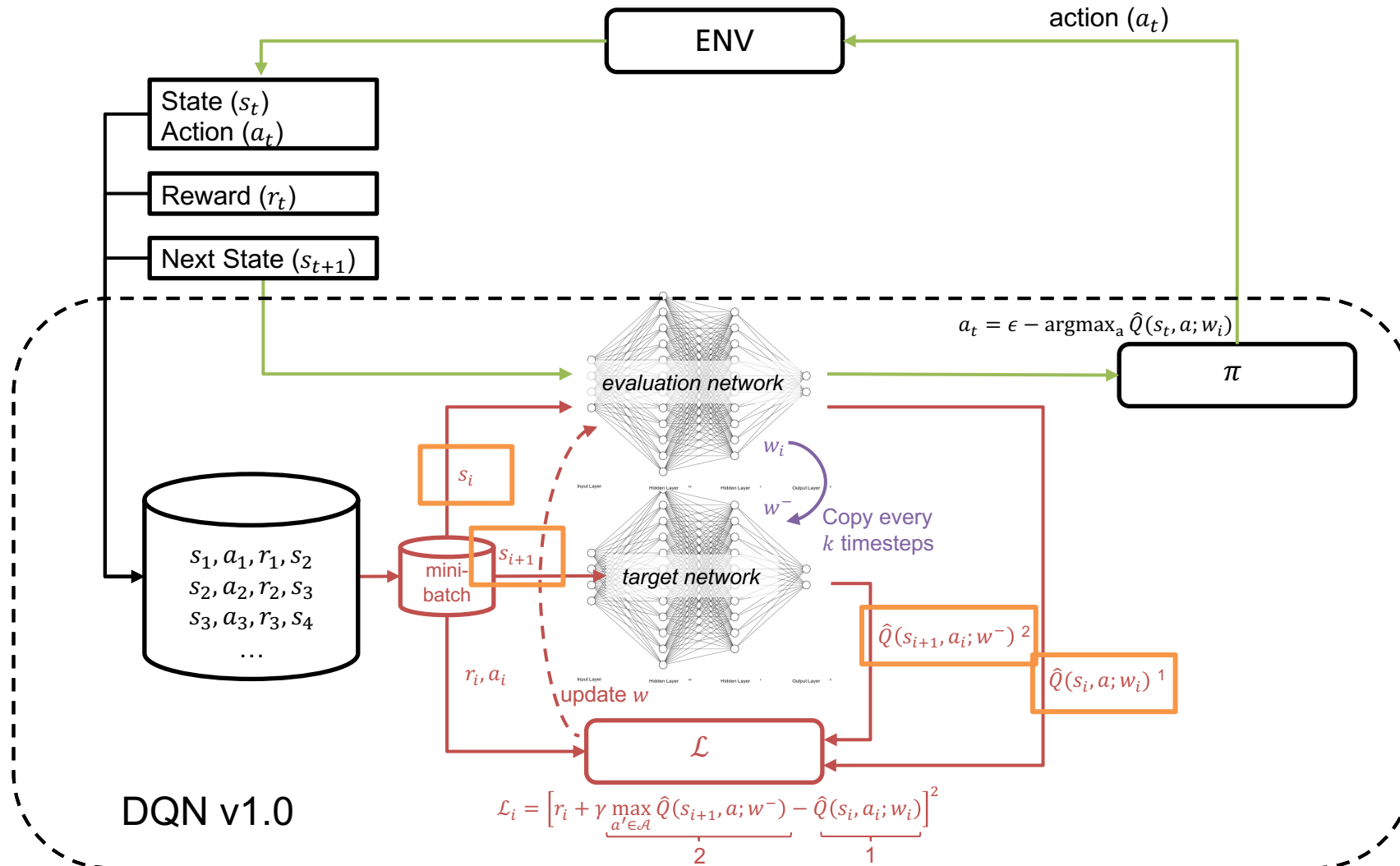
# Deep Q-Networks (DQNs)



DQN v1.0

# Deep Q-Networks (DQNs)

corrections



DQN v1.0

$$\mathcal{L}_i = [r_i + \gamma \max_{a' \in \mathcal{A}} \hat{Q}(s_{t+1}, a'; w^-) - \hat{Q}(s_t, a_t; w_i)]^2$$