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5. Parameter Tuning

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Effects of adjusting epsilon

0 points possible (ungraded)

Ungrading Note: The problem is now ungraded because there has been a lot of confusion

In this question, you will investigate the impact of ϵ on the convergence of Q-learning and below do you observe from running the algorithm?

- ☒ For very large ϵ (say $\epsilon = 1$), the algorithm converges slower compared to $\epsilon = 0.00001$
- ☐ For very large ϵ (say $\epsilon = 1$), the algorithm converges faster compared to $\epsilon = 0.00001$
- ☐ For very small ϵ (say $\epsilon = 0.00001$), the algorithm converges slower compared to $\epsilon = 1$
- ☒ For very small ϵ (say $\epsilon = 0.00001$), the algorithm converges faster compared to $\epsilon = 1$



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You have used 1 of 3 attempts

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Effects of alpha

0 points possible (ungraded)

In this question, you will investigate the impact of α on the convergence of Q-learning exploration parameter $\epsilon = 0.5$ and do the experiments with different values of the trail. What you have observed?

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