2. Estimating Inputs for RL algorithm

Exercises due May 3, 2023 08:59 -03 Completed

Estimating Inputs for RL algorithm

0:00 / 0:00 1.0x

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MDP Specifications in the Real World

0 points possible (ungraded)
We would need to provide the following tuple $< S, A, T, R >$ for our RL algorithms in

However, in the real world, not all of these might be directly available.

From the options below select, which one(s) would not be readily available in most real

- [ ] S: State Space
- [ ] A: Action Space
- [x] T: Transition Probabilities

Select one or more options from below that are correct:

- [ ] All states are guaranteed to be visited while collecting these statistics
- [x] Certain states might not be visited at all while collecting the statistics for
- [x] Certain states might be visited much less often than others leading to very noisy
- [ ] There are no issues with estimating in the above manner

✔

Submit You have used 1 of 2 attempts

Model Free vs Model Based Approaches

1/1 point (graded)

Say we want to estimate the expectation of a function .

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We have access samples in order to compute our estimation. Select one or more sta

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? are the mathmatic outcomes of model base and free the same?

"would be given by" in the last question is ambiguous

I interpreted "would be given by" as "is equal to". The lecture explicitly states that the two approaches, mode

? Difference between action and transition

Could anybody please explain to me in a simple way the difference between action and transition?

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