

Practice Assessment

[← Back](#)

Graded Assignment • 45 min



English ▾

Due Jun 20, 11:59 PM +07

Your grade: 100%

Your latest: **100%** • Your highest: **100%**

To pass you need at least 80%. We keep your highest score.

Next item →

1. Which of the following are the most accurate characterizations of sample models and distribution models? (Select all that apply)

1 / 1 point

- ☐ A sample model can be used to compute the probability of all possible trajectories in an episodic task based on the current state and action.
- ☒ Both sample models and distribution models can be used to obtain a possible next state and reward, given the current state and action.

✔ **Correct**

Correct; given any state and action, you can sample the next state and reward using a sample model or distribution model.

- ☒ A distribution model can be used as a sample model.

✔ **Correct**

Correct; a distribution model contains all the information about the transition dynamics of the system, which can be used to 'sample' new states and rewards given the current state and action – just like a sample model.

