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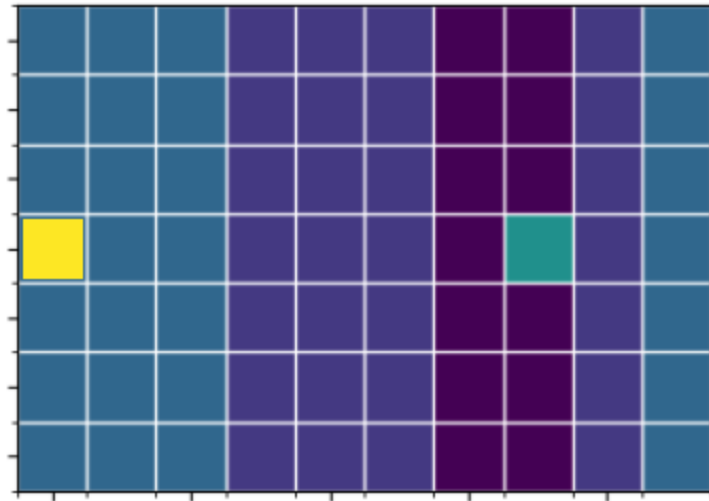
WindyGridworldEnv Transition Table

Lab Instructions

Let's revisit the WindyGridworldEnv environment. Go to the **lib\envs** folder and open the windy_gridworld.py file.

By now you should be quite familiar with this environment, its different states, and how the reward structure is implemented.

Consider the following state in this environment:



Lab Question

1/1 point (graded)

Which four of the following represent transition probabilities and expected rewards??

☒ s:30 a:0 s':20 $p(s' | s, a):1$ $r(s, a, s'):-1$

☐ s:30 a:0 s':20 $p(s' | s, a):1$ $r(s, a, s'):-100$

☐ s:30 a:0 s':20 $p(s' | s, a):0.25$ $r(s, a, s'):-1$

☒ s:30 a:1 s':31 $p(s' | s, a):1$ $r(s, a, s'):-1$

☐ s:30 a:1 s':31 $p(s' | s, a):1$ $r(s, a, s'):-100$

☐ s:30 a:1 s':31 $p(s' | s, a):0.25$ $r(s, a, s'):-100$

☐ s:30 a:2 s':40 $p(s' | s, a):1$ $r(s, a, s'):0$

☒ s:30 a:2 s':40 $p(s' | s, a):1$ $r(s, a, s'):-1$

☐ s:30 a:2 s':40 $p(s' | s, a):0.25$ $r(s, a, s'):-1$

☐ s:30 a:3 s':30 $p(s' | s, a):1$ $r(s, a, s'):0$

☒ s:30 a:3 s':30 $p(s' | s, a):1$ $r(s, a, s'):-1$

☐ s:30 a:3 s':30 $p(s' | s, a):0.25$ $r(s, a, s'):-1$

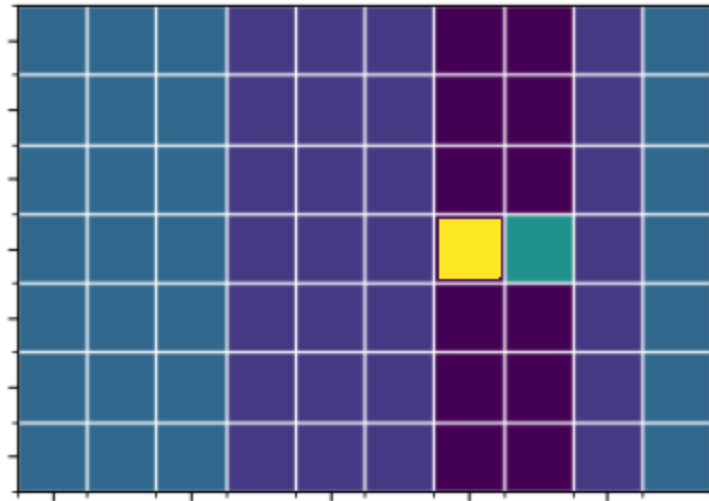


Submit

You have used 1 of 2 attempts

✓ Correct (1/1 point)

Now consider the following state in this environment:



Lab Question

1/1 point (graded)

Which four of the following represent transition probabilities and expected rewards?

☒ s:36 a:0 s':6 p(s' | s,a):1 r(s,a,s'): -1

☐ s:36 a:0 s':16 p(s' | s,a):1 r(s,a,s'): -1

☐ s:36 a:0 s':26 p(s' | s,a):1 r(s,a,s'): -1

☒ s:36 a:1 s':17 p(s' | s,a):1 r(s,a,s'): -1

☐ s:36 a:1 s':27 p(s' | s,a):1 r(s,a,s'): -1

☐ s:36 a:1 s':37 p(s' | s,a):1 r(s,a,s'): -1

☐ s:36 a:2 s':16 p(s' | s,a):1 r(s,a,s'): -1

☒ s:36 a:2 s':26 p(s' | s,a):1 r(s,a,s'): -1

☐ s:36 a:2 s':46 p(s' | s,a):1 r(s,a,s'): -1

☒ s:36 a:3 s':15 p(s' | s,a):1 r(s,a,s'): -1

☐ s:36 a:3 s':25 p(s' | s,a):1 r(s,a,s'): -1

☐ s:36 a:3 s':35 p(s' | s,a):1 r(s,a,s'): -1



Submit

You have used 1 of 2 attempts

✓ Correct (1/1 point)