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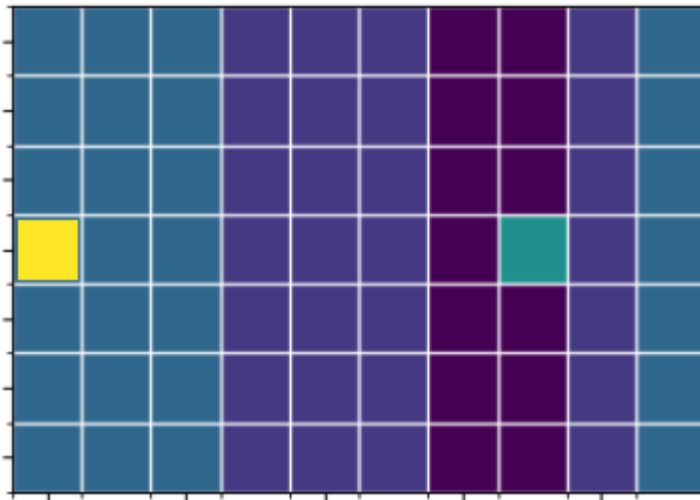
WindyGridworldEnv Transition Table

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

1.0/1.0 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 $p(s' | s, a):1$ $r(s, a, s'):-1$

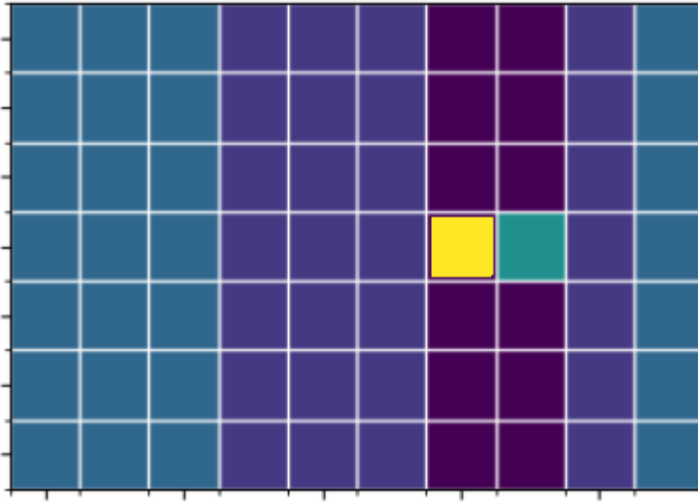
☐ s:30 a:3 s':30 $p(s' | s, a):0.25$ $r(s, a, s'):-1$



Submit

You have used 1 of 2 attempts

Now consider the following state in this environment:



Lab Question

1.0/1.0 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

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