

This week you will implement the three different policy evaluation algorithms. They are relatively similar, so pay close attention to their equations. You will also experiment to see the benefits of each one.

1. Dynamic Programming for Policy evaluation

At first you will complete the methods in *pe_dynamic_programming.py* to evaluate a policy given the MDP. Please use the given method stubs, but you are allowed to add other methods if needed.

2. Model-free Policy Evaluation

Now move on to two policy evaluation algorithms you can use without a model of the MDP. The lecture should contain all the information you need to complete the code in *pe_monte_carlo.py* and *pe_td_zero.py*. Again pay attention to the differences between the algorithms and use the method stubs we provide in order to pass the tests. As above, you can also add separate helper methods.