## Exercise 2A Epsilon Greedy

## Exercise 2.2A: Epsilon Greedy

In this exercise, you will examine the epsilon greedy policy.

Make sure that you have:

1. Completed the setup requirements as described in the Set Up Lab Environments section
2. Completed the previous exercises in this lab

Now, run jupyter notebook and open the “Ex2.2A Epsilon Greedy.ipynb” notebook under Module 2 folder.

1. Examine the notebook. We have given you an implementation of the epsilon greedy algorithm.
2. Once you have studied the notebook, prepare a simulation. Don't change any other parameter, that is:
   * evaluation\_seed = 5016
   * num\_actions = 10
   * trials = 10000
   * distribution = “bernoulli”
3. Set the epsilon to zero.
4. Run the simulation, observe the results, and answer the following questions.