CSE190 Final Report

Zeyu Chen: A98005611
Jiapeng Li: A10691672

YouTube link: https://youtu.be/K37woRmLcWM

Github repository:
   https://github.com/NeroNL/Model_Free_Learning.git

Introduction to the project:

    In this project, we explored the Q-learning method in a variety of situations. Since Q-learning has it uncertainty once the ground truth CPT is unknown, the performance of this algorithm depends on both the samples we get from each state and the learning rate we have set. In order to evaluate the different parameters, we conducted experiments on under controlled conditions and observed how learning rate and number of samples could significantly influence the convergence of the algorithm.