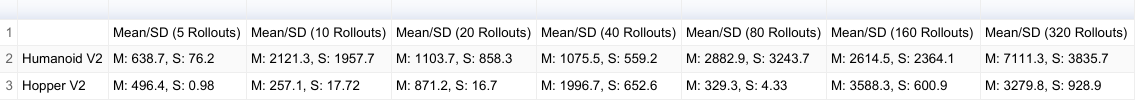
CS294-112 Homework 1

**Figure 1:** This is the table for question 2.2. The tasks used were Humanoid-V2 and Hopper-V2. Behavioral cloning on Humanoid-V2 results in worse results than on Hopper-V2. These results were generated with a 2-layer NN created using Tensorflow with a dense hidden layer of size 16 units using the RELU activation function. The results were gathered using 5, 10, 20, 40, 80, 160, and 320 rollouts with 30 epochs to train the NN. I used a batch size of 64.



**Figure 2:** This is the graph for question 2.3. I used the Hopper-V2 task. The hyperparameter I experimented with was the number of rollouts used to train the NN. I chose this hyperparameter since, during my implementation of the neural network, I tried using 5 rollouts and 10 rollouts and noticed drastically different results. I wanted to explore this further and improve my results.

