CSCI4155/CSCI6505: Assignment 2

This assignment must be submitted on paper at the beginning of the class on Tuesday, September 29, or left in my mailbox (talk to Barbara at the front desk in the CS building). Late submissions are not accepted. The answers must again fit on a single page.

1. In this assignment you are provided with a data set `data1.mat`. Use an SVM to predict the data and report a 10-fold cross validation error.

2. Explain in brief the difference between supervised and unsupervised learning.

3. What is the goal of supervised learning?

4. In your own words, what is the essence of the 'No free lunch theorem'?