UNIVERSITY of GUELPH

School of Engineering

ENGG*6500: Introduction to Machine Learning

Winter 2019

Assignment 2

Due: Friday March 22, 2019

1. Write a Python code to implement a decision tree classifier according to the data points. The file **heart.csv** can be downloaded from CourseLink.

2. A parking lot needs to improve its performance. Write a Python code to obtain the regression lines. The file **Regression_data_sets.csv** can be downloaded from CourseLink.

3. The file **Clustering_Data_Sets.csv** contains the data points. Write a Python code to group the data points in the file into 20 clusters using K – means clustering.