

`CS490/584 – Data Mining
HW6

NAME _____ SID _____

This assignment is about other algorithms discussed in selected sections of Witten chapters 4 and 7 as well as Han chapter 9. (25x4=100)

1. Briefly describe the general steps of a k-means clustering algorithm.
2. What is MMH in the context of SVM? Briefly describe SVM algorithm for classifying linearly inseparable data
3. Briefly describe the general structure of kd-tree and its functionality in Instance-Based Learning
4. Han 9.4

This assignment is worth 100 points and is due at **10 PM Monday (4/7)**. Cutoff time is 10 PM Wednesday (7/9). Complete in word, save as PDF, and then submit it on Moodle.