Other equipment / material requirement

Wireless laptop

Course Requirements and Assignments

SJSU classes are designed such that in order to be successful, it is expected that students will spend a minimum of forty-five hours for each unit of credit (normally three hours per unit per week), including preparing for class, participating in course activities, completing assignments, and so on. More details about student workload can be found in University Policy S16-9 at http://www.sjsu.edu/senate/docs/S16-9.pdf.

Homework is due typewritten (include source code, but not executable files) by class starting time on the due date. Each assigned problem requires a solution and an explanation (or work) detailing how you arrived at your solution. Cite any outside sources used to solve a problem. When grading an assignment, I may ask for additional information. A subset of the assigned problems will typically be graded.

Refer the course website for latest information of homework assignments.

NOTE that University policy F15-12 at http://www.sjsu.edu/senate/docs/F15-12
attend all meetings of their classes, not only because they are responsible for material discussed therein, but because active participation is frequently essential to insure maximum benefit for all members of the class.

Examinations

One mid-term exam scheduled approximately at the end of 9th week, and a final exam scheduled on Wednesday, May 13, 14:45-17:00.

Grading Policy

Grading information:
   I will determine letter grades for the course, including +/- grades based on

Percentage	Grade
92 and above	A
90 - 91	A-
88 - 89	B+
82 - 87	B
80 - 81	B-
78 - 79	C+
72 - 77	C
70 - 71	C-
60 - 69	D
59 and below	F

   List of the percentage weight [or point value] assigned to various class assignments
      o

The schedule is subject to change with fair notice and the notice will be made available in class.

Course Schedule

Week	Topics, Readings, Assignments, Deadlines
2	K-means and its variations
3	Agglomerative Hierarchical Clustering
4	DBSCAN and Density-Based
5	Prototype-Based
6	Graph-Based
7	Scalable Clustering
8	Statistical Approaches
9	Review & Midterm Exam (Wed., 3/18)
10	Proximity-based Approaches
11	Spring Recess
12	Clustering-based Approaches
13	Reconstruction-based Approaches
14	Applications of Unsupervised Learning
15	Applications of Anomaly Detection
16	Applications of Hybrid Techniques
17	Review
Final Exam	Wednesday, May 13, 14:45-17:00