

CS423: Data Mining (1/2016)

1 General information

- Instructor: Jakramate Bootkrajang – Room: CSB107
- Office hours: Tuesday and Friday 17.00 - 18.00
- Appointment is possible please send an email to jakramate.b@cmu.ac.th

2 Evaluations

- Assignments: 40%
- Midterm: 20%
- Final: 30%
- Quiz: 10% (Pop quiz)

3 Schedule

Lecture	Date	Content	Remarks
1	9 August	Introduction	-
2	16 August	Basic concepts 1	-
3	19 August	Basic concepts 2	-
4	23 August	Data preprocessing 1	Assignment 1
5	26 August	Data preprocessing 2	-
6	30 August	Data preprocessing 3	-
7	2 September	PCA 1	-
8	6 September	PCA 2	-
9	9 September	Random Projection	-
10	13 September	Association rule	Assignment 2
11	16 September	Association rule	-
12	20 September	Recommendation system	-
13	23 September	Collaborative filtering	-
14	27 September	Recap	-
15	30 September	Recap	-
16	4 October	Midterm	-
17	7 October	Midterm	-
Lecture	Date	Content	Remarks
18	11 October	Bayesian Learning 1	-
19	14 October	Bayesian Learning 2	-
20	18 October	Linear Discriminant 1	Assignment 3
21	21 October	Linear Discriminant 2 class	-
22	25 October	Logistic Regression 1	-
23	28 October	Logistic Regression 2	-
24	1 November	k-NN 1	-
25	4 November	k-NN 2	-
26	8 November	Classifier evaluation	-
27	11 November	Hierarchical clustering 1	Assignment 4
28	15 November	Hierarchical clustering 2	-
29	18 November	k-Means, k-Medoids	-
30	22 November	Recap	-
31	25 November	Recap	-
32	29 November	Final Exam	-