Assignment 1 Oct 12, 2015

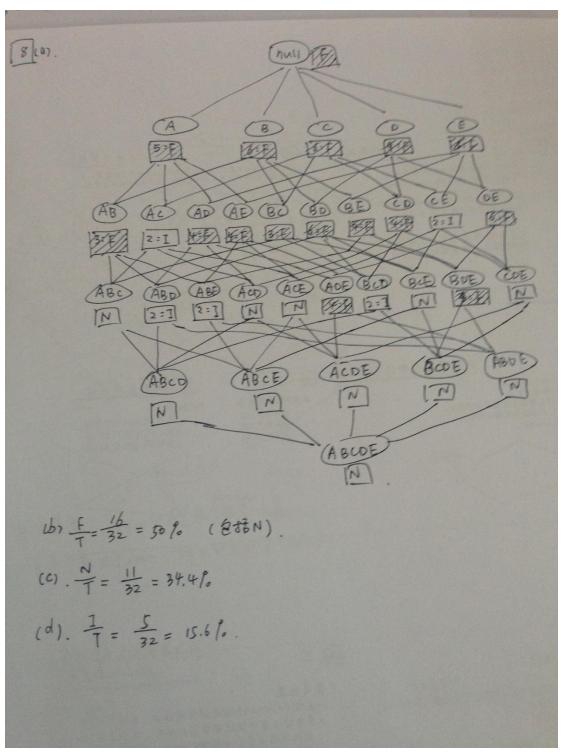
Exercises 3, 8, 9, 11, 14, 16 in Chapter 6 of the textbook "Introduction to Data Mining".

Students who don't have the textbook can download the pdf file named "ch6.pdf" from the QQ group for this course (Group#: 324742036).

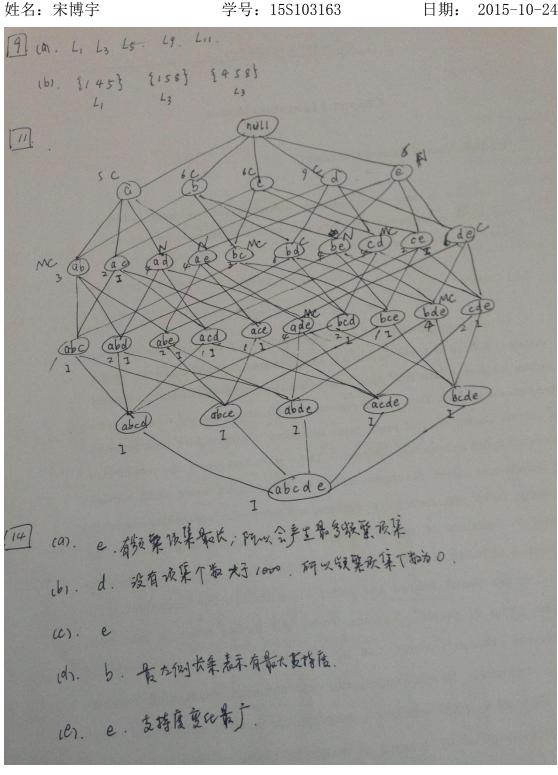
Please complete the assignment using the following MS Word template and print on A4 papers. Please make sure your name and ID are correctly filled in your assignment.

Assignment due date: Oct 26, 2015, on class in classroom A12.

姓名:宋博宇	学号: 15S103163	日期: 2015-10-24
数据挖掘下业。		
安繁模式5岁	(联分析. 15510316)	3 保博守
$\boxed{3}(a),  c(\phi \rightarrow A) = \frac{\sigma(\phi \cup A)}{\sigma(\phi)}$		
$(A \rightarrow \phi) = \frac{\sigma(\phi NA)}{\sigma(\phi)}$	$-\frac{\sigma(A)}{\sigma(A)}=1$	
t(b)	図为 かくり) マ かくりいり)	3 ochodas)
$C_z = \frac{\sigma(puquy)}{\sigma(p)}$	C3 2 C2	
$C_3 = \frac{\sigma(PUQUY)}{\sigma(PUY)}$	(2世集3-1821年)	
(c). S, = <u>\sigma(PV9)</u> 17)	国为 5, = 52 = 53	
$S_2 = \frac{\sigma(puquy)}{ T }$	所以 J(PUQ)= J(P 所以 C1=C2	uqur).
$S_3 = \frac{\sigma(\rho \cup q \cup Y)}{ T }$ $C_3 \geq C_6 = C_2$		+ - 4 +0+0 [3]
	C3是最大监信度或	位三   松   竹 100
(d). 在这样的一个表榜中:	$C(A \rightarrow B) = \frac{\sigma(A)}{\sigma(A)}$	$\frac{(B)}{(A)} = \frac{2}{3} > \frac{1}{2}$
A A B C	C(B->c) = 5(B	$\frac{3.c}{(B)} = \frac{2}{3} > \frac{1}{2}$
B C .	$C(A \rightarrow c) = \frac{\sigma}{a}$	$\frac{(A.C)}{\sigma(A)} = \frac{1}{3} < \frac{1}{2}.$
$\frac{1}{2}$ min con $f = \frac{1}{2}$		
	所以 C(A→c)有可	AE dit mincont.



日期: 2015-10-24



日期: 2015-10-24

