

贝叶斯分类作业

1、试由下表的训练数据学习一个朴素贝叶斯分类器，并预测

$X=(age="\leq 30", income="M", student="Y", credit_rating="fair")$ 该样本的

buys_computer 属性值(Y/N)?

Id	age	income	student	Credit_rating	Buys_computer
1	≤ 30	H	N	fair	N
2	≤ 30	H	N	excellent	N
3	31~40	H	N	fair	Y
4	>40	M	N	fair	Y
5	>40	L	Y	fair	Y
6	>40	L	Y	excellent	N
7	31~40	L	Y	excellent	Y
8	≤ 30	M	N	fair	N
9	≤ 30	L	Y	fair	Y
10	>40	M	Y	fair	Y
11	≤ 30	M	Y	excellent	Y
12	31~40	M	N	excellent	Y
13	31~40	H	Y	fair	Y
14	>40	M	N	excellent	N