วรามาพิทุพิธยา วรรณ์ชุกคาร 643020063-4 เลขที่ 1

age	income	student		buys_computer
<=30	nigh	no	fair	no
<=30	nigh	no	excel <u>lent</u>	no
3140	iigh	no	ⁱ air	yes
>40	nedium	no	air	yes
>40	ow	yes	fair	yes
>40	ow	yes	excellent	no
3140	ow	ves	excellent	yes
<=30	nedium	no	fair	no
<=30	ow	yes	[:] air	yes
>40	nedium	yes	fair	yes
<=30	nedium	yes	excellent	yes
3140	nedium	no	excellent	yes
B140	nigh	yes	air	yes
>40	nedium	no	excellent	no

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ใจกษ์ คือ อษากรุ้ว่า
input Age 31-40, income = high, student = yes, credit = fair 1917: ชื่อนชื่อไม่เชื้อ Aourisonos
Sol P(Ci)
      P(buys_computer = 'yes') = 9/14 = 0.643
      P(buys\_computer = 'no') = 5/14 = 0.357
```

Computer P(XICi) for each Class

$$P(\text{Age} = '31-40') \text{ buy} = (\text{no'}) = 0/5' = 0 \sim 1/7 = 0.1429$$

$$x = (Age = 31-40, income = high, Student = yes, Credit = fair)$$

$$P(X|Ci)$$
: $P(X|buy_comp = 'yes') = 0.444 \times 0.222 \times 0.667 \times 0.667$
= 0.043851819

$$P(x|bug-comp = (no)) = 0.1429 \times 0.4 \times 0.2 \times 0.4$$

= 0.00457

P(XICi)* P(Ci): P(X|bmy-comp = 'yes') * P(buy-comp = 'yes')

0.04385|819 × 0.643 = 0.028196

P(X|bmy-comp = 'no') * P(bmy-comp=no)

0.00457 × 0.357 = 0.0016325

only animory 31-40 Lyndonni Vrainizer credit fair
mighan bushu amu aha: 104 das do nowasionos annota

Tate nound bros Ans