age	income	student	credit_rating	buys_computer
<=30	high	no	fair	no
<=30	high	no	excellent	no
3140	high	no	fair	yes
>40	medium	no	fair	yes
>40	low	yes	fair	yes
>40	low	yes	excellent	no
3140	low	yes	excellent	yes
<=30	medium	no	fair	no
<=30	low	yes	fair	yes
>40	medium	yes	fair	yes
<=30	medium	yes	excellent	yes
3140	medium	no	excellent	yes
3140	high	yes	fair	yes
>40	medium	no	excellent	no

Normal age 740 1 income low P(X/buy=yes) = Nax 3ar
P(X/buy=yes) = 22x 3

p (age 7 40 | buy = 9es) = 9a

p (age 7 40 | buy = No) = 3/5

p (incom | ow 1 buy = 9es) = 3/9

p (income low | buy = No) = 3/5

p (income high buy = Yes) = 30
P (income high buy z (16) z 2
Normal

 $P(x|bvy=yes) = \frac{x}{x} x \frac{x}{x} \frac{x}{x} \frac{x}{x}$ $P(x|bvy=Na) = \frac{x}{x} \frac{x}{x} \frac{x}{x} \frac{x}{x} \frac{x}{x}$

$$P(buy)$$

 $x^{a}y_{1}y_{1} = \frac{1}{1}y_{1} = 0.071$

(31-40/by=48)=49 12 Laplacian (31-40/by=10)= = = 18 0.0995

= = =

= 35 =

P(X|buy=qes) = 2 x 1 x 9 = 5 = 9

P(X/buy=(10) = 2/2/2/2/2/9/= 1= 1=)

0.077