Thunchanok   Chaitongdee

age > 40,   income : low
            $\downarrow$
Want to know P(buy? | age >40, income : hight)

age	income	student	credit_rating	buys_computer
<=30	high	no	fair	no
<=30	high	no	excellent	no
31…40	high	no	fair	yes
>40	medium	no	fair	yes
>40	low	yes	fair	yes
>40	low	yes	excellent	no
31…40	low	yes	excellent	yes
<=30	medium	no	fair	no
<=30	low	yes	fair	yes
>40	medium	yes	fair	yes
<=30	medium	yes	excellent	yes
31…40	medium	no	excellent	yes
31…40	high	yes	fair	yes
>40	medium	no	excellent	no

Sol

P(buy : Yes) = 9/14   = 0.643
P (buy : No) = 5/14

P (age >40 | buy : Yes) = 3/9 = 0.33

P (incom = low | buy : Yes) = 2/9 = 0.22

P (age > 40, income , low | buy > Yes) = 0.0726

P (buy : Yes) · P (age >40, incom , low) = 0.0476