Sol

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

Laplacian

Sol Plbuy 1 age 31-40, income: high)

P(bwy : 405) = 9/14

P(bwy : No) = 5/14

P(31-40 | buy : 405) > 4+1/9+3 > 5/12

P(31-40 | buy : No) = 1/5+3 & 1/8

P(1ncome hight | bwy : 400) = 2/9

P(income hight | bwy : N) = 2/5

PC31-40, incoments ht | buy: yes) $=\frac{5}{12}\times\frac{2}{9}$ PC31-40, incomplish | buy: No) = $\frac{1}{8}\times\frac{2}{6}$ PCbuy: yes) P(31-40, incomplish | buy: No) = $\frac{1}{8}\times\frac{2}{6}$ PCbuy: yes) P(31-40, incomplish | buy: yes) = $\frac{5}{12}\times\frac{2}{14}\times\frac{9}{14}$ = 0.0596

P(buy: No) P(31-40) in combigned | buy: No) = 1×2 × 5 = 0.179