~~them~~ Buy_computer "yes" = 9/14 = 0.643
Buy_computer "No" = 5/14 = 0.357

input

age 31-40

P(Age = 31-40 | Buy_computer = "yes") = 4+1 / 9+3 = 5/12 = 0.416

" "No" = 1 / 5+3 = 1/8 = 0.125

income = hight

P(income = hight | Buy_computer = "yes") = 2 / 9 = 0.222

P(income = hight | Buy_computer = ("No") = 2 / 5 = 0.4

student = yes

P(student = yes | Buy_computer = "yes") = 6 / 9 0.666

P(student = yes | Buy_computer = "No") 1 / 5 0.2

~~credit~~ credit = fair

P(credit = fair | Buy_computer = "yes") 6 / 9 0.666

P(creadit = fair | Buy_computer = "No") 2 / 5 0.4

P(X | buy_computer = "yes") = 0.416 × 0.222 × 0.666 × 0.666 = 0.0409

P(X | buy computer = "NO") = 0.125 × 0.4 × 0.2 × 0.4 = 0.0038

P(X | buy_computer = "yes") × P(buy computer = "yes") = 0.0262

P(X | buy_computer = "NO") × P(buy computer = "NO") = 0.0013

∴ ดังนั้น X อยู่ในกลุ่ม buy_computer = "yes"

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