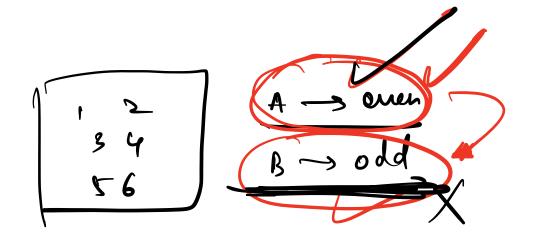
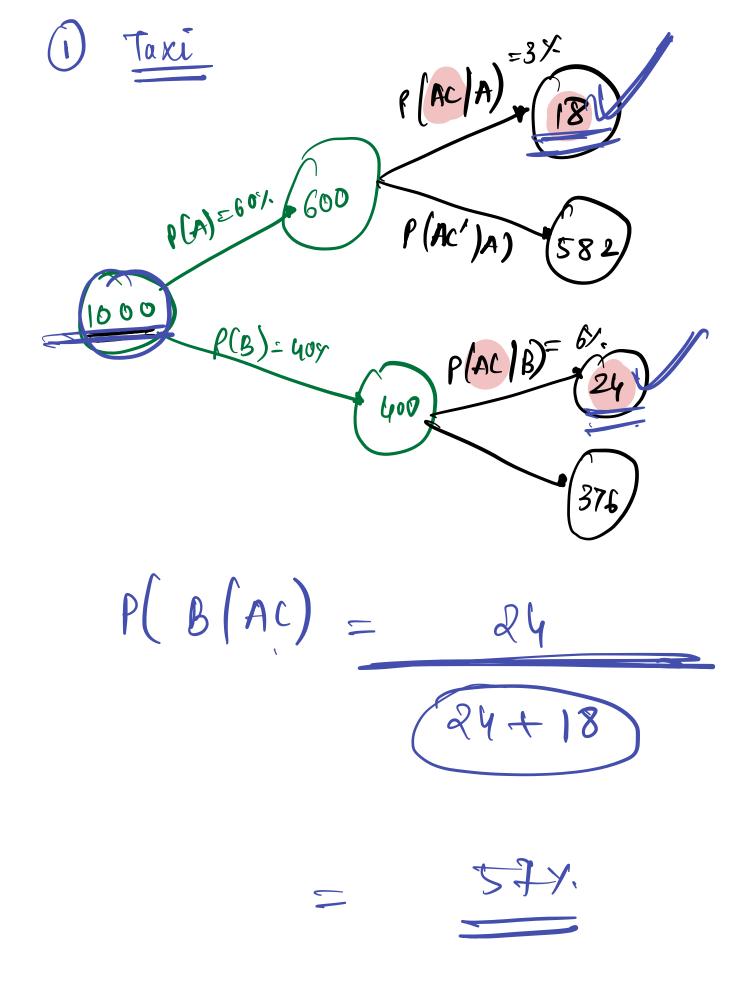
Bayes Thm - 2

If A and B are (mutually exclusing thun A and B count be Independent mutually exclude P(AAB) P(A|B) = P(A)P(A|B) = P(AB) not Independent



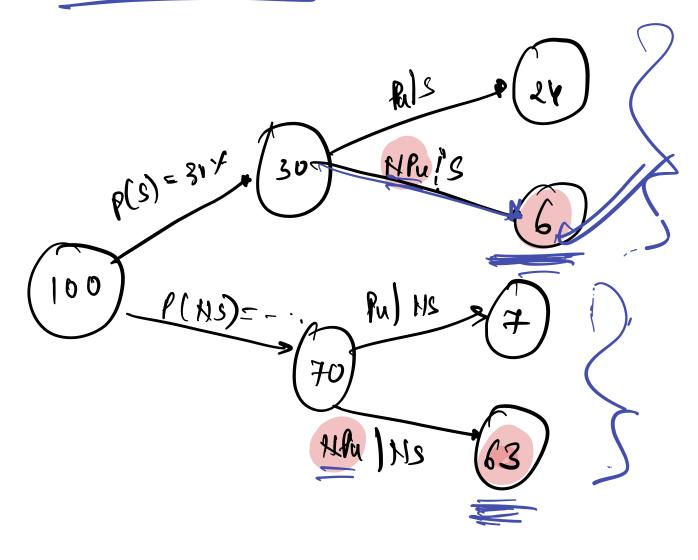


Prob of Acc 18+24

[000]

P(ACC)

(2) Spam/Hot Sram



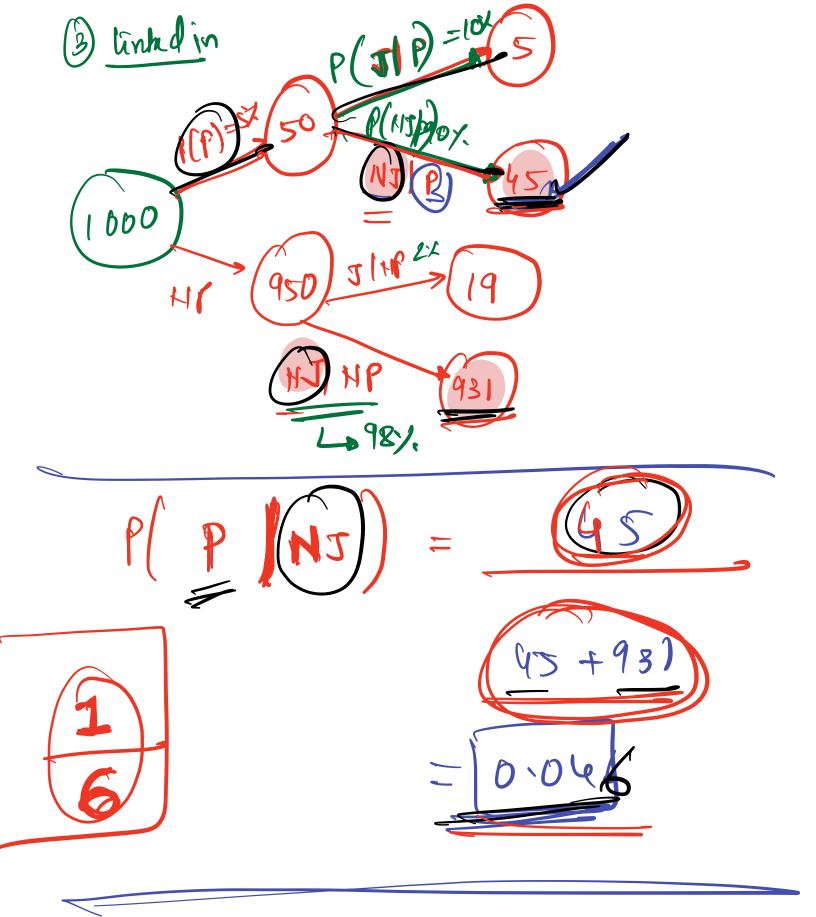
How many enouls door not have the purchan?

6463 769

Among true, how many and
Spum 6

p(S) HPu) \( \begin{array}{c} 6 = 0.08 \\ 69 \end{array}

P(+15 | HPu)= 63



b(NI/ba)=b(N1Uba) P(P8) 6(N2Ubs)=6(N2|bs)xb(bs) = 0.9 × 0.05

$$= b(80002) + b(80002)$$

= 0.9 x 0.05 + P(HJ/H/s) x P(HPY)

= 0.9x0.05+ 0.98x 0.95

= 0.976

