Sumbhan Shetty classmate

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Tutorial-7

+ havel -> + probability of Fraud. \* Foreign purchase , 1 Grand. I travel & Fraud -> + Breign purchase. of classifying widden variables. p ( froud = hue | for p = true ) = x \* [ P(f=mue) mavel=mue) \* P (f.p=me) mavel=me, hand ha \* P(t=mue) + P(f=me | t=rabe) \* P(f:p=me), t=false, f=me)

\* P(t=false)] = xx [0.00045 + 0.000 19] - 0.00064X P ( fraud = Fasp (f.p = true) X \* [P (r= range | t= mue) \* P (r.p= me) t= mue, range \* P(t= mue) ] + P(f=fase | f=fase) \* P(f.p=me | t=f, f=fase) + P(t = False) 2 0.054031X

$$\alpha = \frac{1}{\alpha_1 + \alpha_2} = 18.291$$