By P(Stolen = yes) =
$$\frac{5}{10}$$
 $\frac{1}{2}$

$$P(Stolen = no) = \frac{5}{10}$$
 $\frac{1}{2}$

Colos	Yes	No	
Rod	3/5	2/5	
Yellon	2/5	3/5	

Type	Yes	No
Sports	46	2/6
SUV	Yy	3/4
Origin	1 Yes	No
Domesti C	2/5	3/5
Imported	3/5	2/5

for (Red, SUV, Domestic)

(P=yes) & P(Red lyes) P(SUVI yes) P(Domestic lye

) \frac{1}{2} \times \frac{3}{5} \times \frac{1}{3} \times \frac{2}{5}

0.03

(P = Mo) P (Red/Mo) P (SUV) Mo) P (Rometic Mo)

 $\frac{1}{2} \times \frac{2}{5} \times \frac{3}{4} \times \frac{2}{5}$

0.06

Serve 0.06>0.03 it gets clarsified as No.

Rime 0.135) 0.02 it gets classified as No.