



Scanned by CamScanner

Silver	
`	DATE DATE
2	b) $x = (goal, football, golf, defence, offence, wicket, office, stratergy)$
	politics =
	x = 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
	Total docs = 12 $P(\text{poutics}) = \frac{1}{2}$ $P(\text{sports}) = \frac{1}{2}$
	According to Naive Bayes Theorem where the attributes as independent of each other $P(\langle x, x_2 x_3 x_n \rangle / class) = TP(sci/class)$
	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	$P(doc/politics)$ $P(x_6=1/politics).P(oc_7=0/politics)$ = 2. 5. 5 5. 1. 4. 1 6 6 6 6 6 6
	classmate

