Bayes Theorem
$$P(A|B) = \frac{P(B|A) \cdot P(A)}{P(B)}$$

So, classification prob. Siven by $P(Ci) = \frac{P(A|Ci) \cdot P(Ci)}{P(A|Ci)} = \frac{P(A|Ci) \cdot P(Ci)}{P(Ci)} = \frac{P(A|Ci) \cdot P(Ci)}{P(Ci$

MLE & Class p2 2 # of the 1- MEE & P1 2 1- 10

Zy

$$X = (9000, foutball, 900), defence, offence, coicket, office, strategy | X = (9000, foutball, 900), defence, offence, coicket, office, strategy | Y = (9000) = 2/6 | Y = (9000) = 2/6$$