Bayesian

$$P(A|B) = P(ANB)/P(B)$$
 $P(B|A) = P(ANB)/P(A)$ 
 $P(ANS) = P(ANB)/P(A)$ 
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 $P(B|$ 

A = Not buy. B = Weeleday P(NB) x P(B/A). P(A) 0.33 x 0.2.  $P(\overline{A}/B) \sim P(B/\overline{A}) \cdot P(\overline{A}) = \frac{9}{24} \times \frac{24}{30}$ (0.06(+0.3) P(A/B) = P(No Discount = yes, Freedeling) = P(Dis, Free, Holidy P(No) X P(No) P(Dis, Free, Holidy) p(c/ds) x P(ds/c) P(c) = (34)3X X4X X4 X 3/4 P(1/92)=X

$$P(S) = 0.0003$$

$$P(S) = 0.0001$$

$$P(S) = 0.413$$

(R/A) = 0 316 (0-413+6.31),