O√					Total		
Y	0,01	0,02	0,03	0,1	011	0,26	751
	0.05	0,1	0.05	0,01	0,2	0,41	250
	0,1	0,05	0,03	0,05	0,04	0,27	25.
Total	0,16	0,05	0,11	0,22	0,34	1	
		7423		Contract Con			

The Condition Distribution:
$$p(x|y=y_1) = p(x|y=y_1) = \frac{0.01}{0.26} = 0.058$$

$$= p(x_2 | y = y_1) = \frac{0.02}{0.26} = 0.230$$

$$= p(x_3 | y = y_1) = \frac{0.03}{0.26} = 0.115$$

$$= \rho(x_4 | y = y_1) = \frac{0.1}{0.26} = 0.385$$

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Thứ Ngày

No

$$= \rho(x_5 | y = y_4) = \frac{0.11}{0.26} = 0.385$$

$$p(x|y=y_3) = p(x, |y=y_3) = \frac{0.1}{0.23}$$

$$-p(x_2|y=y_3)=\frac{0.05}{0.27}=0.185$$

$$= \rho(n_3 | y = y_3) = \frac{0.03}{0.23} = 0.111$$

$$= p(n_4)y - y_3) = \frac{0.05}{0.27} - 0.185$$

$$= \rho(n_5/y = y_3) = \frac{0.04}{0.22} = 0.148.$$

Wehave

EXECUMINA, SEX

 $P(x) P(x) = 0.201 \times 0.5$

$$E_{\gamma}(E_{\chi}[\chi|\gamma]) = \sum E_{\chi}[\chi|\gamma] \cdot p(\gamma) = \sum p(\gamma) (\sum x \cdot p(\chi|\gamma))$$

=
$$22p(y) \cdot p(x|y) \cdot x = 22x \cdot p(x,y) = 2x 2p(x,y)$$

$$= \sum_{x \in \mathcal{X}} \mathbb{E}_{x} \mathbb{E}$$

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Ngày

$$P(x) = 20,3\% = 0,203$$
.

a)

$$P(x \text{ and } y) = P(x) \cdot P(x/9x) = 0,207 \times 0.365 = 0.038$$

$$\frac{\rho(y|\bar{x}) = \rho(y|\bar{x}) = \rho(y) \cdot \rho(\bar{x}/y)}{\rho(\bar{x})}$$

$$= \frac{P(Y) \cdot (1 - P(XIY))}{P(\bar{X})} = \frac{0.5 \cdot (1 - 0.365)}{1 - 0.207}$$

Variance is the expected value of the squared variation of a random variable from its mean value.

$$V(x) = E[(x-\mu)]^2$$

$$= E[(X - E(x))]^{2} = E[X^{2} - 2XE(x) + (E(x))^{2}]$$

=
$$E[X^2] - E[2X \cdot E(X)] + E[E(X)]^2$$

 $E[x]^2 - 3 \times 2$. $E[x.E(x)] + E[E(x)]^2$ $E[X]^2 - 2.E[X] - E[X] + Edle(X)]^2$ $E[x]^2 - 2.(E[x])^2 + (E[x])^2$ $E[X]^2 - (E[X])^2$ (proved) $= V(x) = E[x]^2 - (E[x])^2$ giá sử: Chon ô 1 + Néw xe nam 3 ô 1 (A) và Monty mố ô số 2 (B) 1 P(BIA) = 1 (ni chi con ô 2 023) =) Xaic suait xe nam à 0 1 va Monty mont da mô à 2:25 P(A1B) = 1 + Néw Q xe noim ở cưa số (3) (C) => P(C) = 1-P(A) = 2 => Dôv cửa 1 rac suát tuming re.

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