NO.

DATE

$$P(y=1 \mid x_1, x_2, x_3) = P(x_1 \mid y)\, P(x_2 \mid y)\, P(x_3 \mid y)\, P(y) = \frac{4}{128}$$

$$\frac{2}{4} \quad \frac{2}{4} \quad \frac{1}{4} \quad \frac{1}{2}$$

$$P(y=0 \mid x_1, x_2, x_3) = P(x_1 \mid y)\, P(x_2 \mid y)\, P(x_3 \mid y)\, P(y) = \frac{18}{128}$$

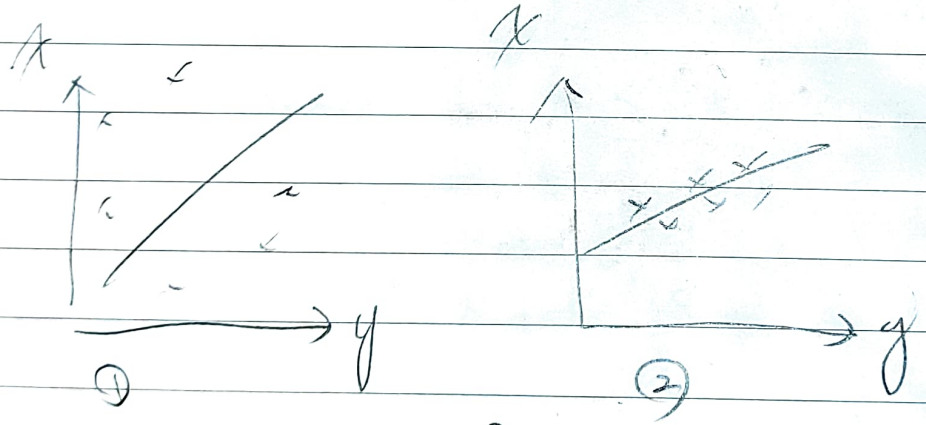
$$\frac{3}{4} \quad \frac{2}{4} \quad \frac{3}{4} \quad \times \frac{1}{2}$$

⇒ 如果沒喝酒，沒逛街，且學習，考試通過的機率較大

Multiple Regression → R_2 → R square，擬合程度

看衣服合不合身

y (price)



$R^2_{②} > R^2_{①}$ (較擬合)

$-1{,}338.95 + 年份 \times 2.74 + 數量 \times 85.95$