$$P(A|B) = P(AB)$$

$$P(B)$$

$$P(B|A) = P(A \cap B)$$

$$P(A)$$

$$P(A \cap B) = P(B|A) * P(A)$$

$$P(A|B) = P(B|A) * P(A)$$
 $Y \times_{1,1} \times_{2,1} \times_{3,1} P(B)$
 \times_{4}

Sunny
$$\frac{\text{Outtook}}{\text{Yer}}$$
 No P(Yer) P(No)

Sunny $\frac{3}{3}$ $\frac{3}{4}$ $\frac{3}{4}$ $\frac{3}{5}$

Rainy $\frac{2}{9}$ $\frac{3}{5}$ $\frac{3}{5}$ $\frac{3}{5}$

