$$P(A \mid B) = \underbrace{P(A \mid B)}_{P(B)} = \underbrace{P(B \mid A) \times P(A)}_{P(B)}$$

$$P(B \mid A) = \underbrace{P(A \mid B)}_{P(A)}$$

$$P(A)$$

$$P(A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(A)} \times P(B \mid A) \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(A)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A \mid B) = \underbrace{P(B \mid A \mid B)}_{P(B \mid A \mid B)} \times P(B \mid B)$$

$$P(B \mid A$$

$$P(y|X)$$

$$P(y=1|X)$$

$$P(y=-1|X)$$

$$P(x|y=-1) \times P(y=1)$$

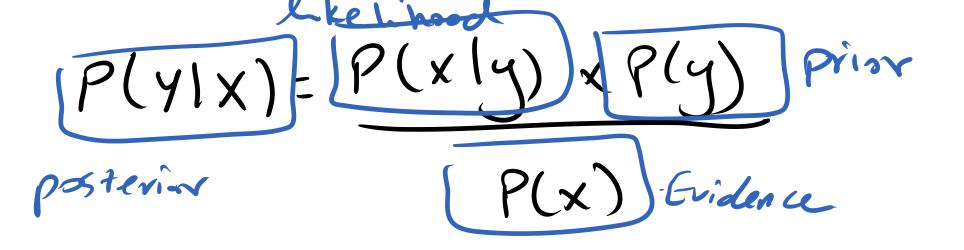
$$P(x|y=-1) \times P(y=-1)$$

$$P(x)$$

$$P(x)$$

$$P(x)$$

$$P(x)$$



Likelihad sija

