

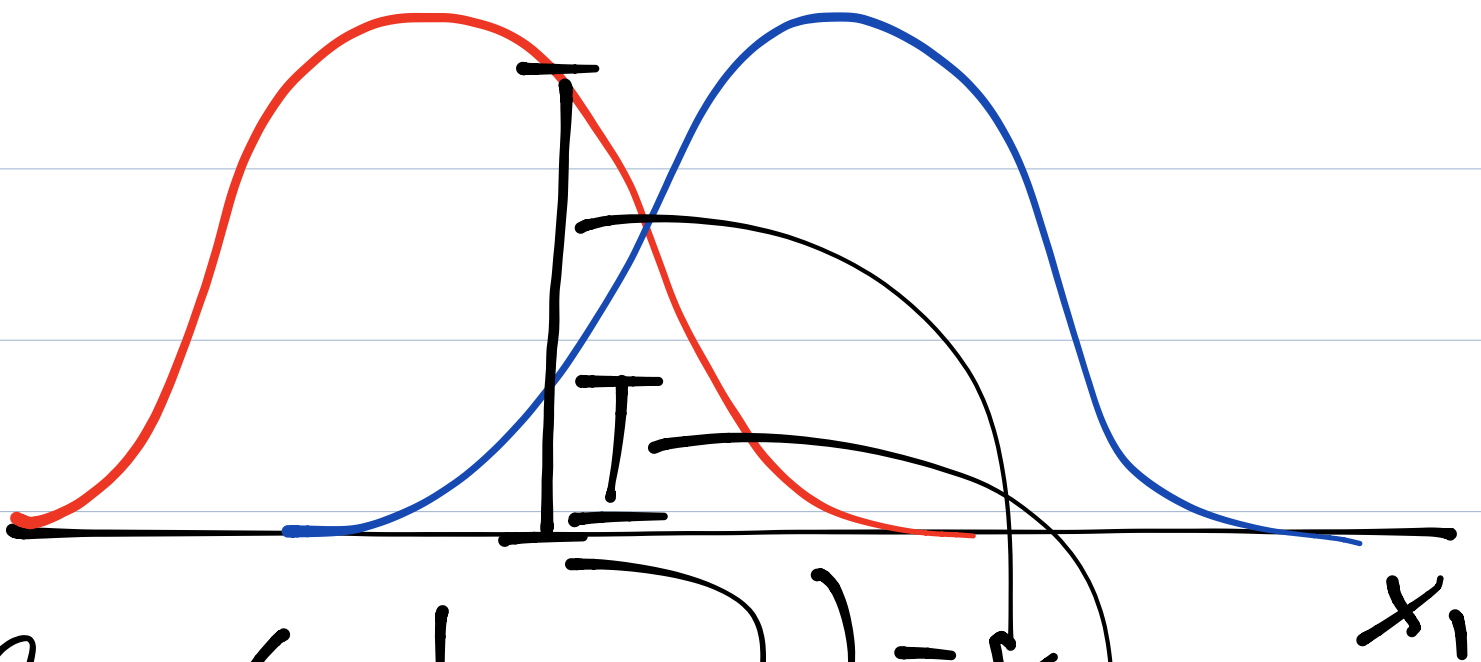
# NAIVE BAYES

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$$P(y|x) \propto P(x|y)$$

$P(y)$   ~~$P(x)$~~

↑



$$\log P(\text{red} | x_1 = y) = \downarrow$$
$$\log P(\text{blue} | x_1 = y) = \downarrow$$

