

Naïve Bayes: Step 2

#4 Posterior Probability

#3 Likelihood

✓ #1 Prior Probability

$$P(Drives|X) = \frac{P(X|Drives) * P(Drives)}{P(X)}$$

#2 Marginal Likelihood

The diagram illustrates the components of the Naïve Bayes formula. A green checkmark is placed next to the Prior Probability term, indicating it is the correct term to use. The Marginal Likelihood term is circled in red, indicating it is incorrect. Arrows point from the labels to their respective parts in the formula.