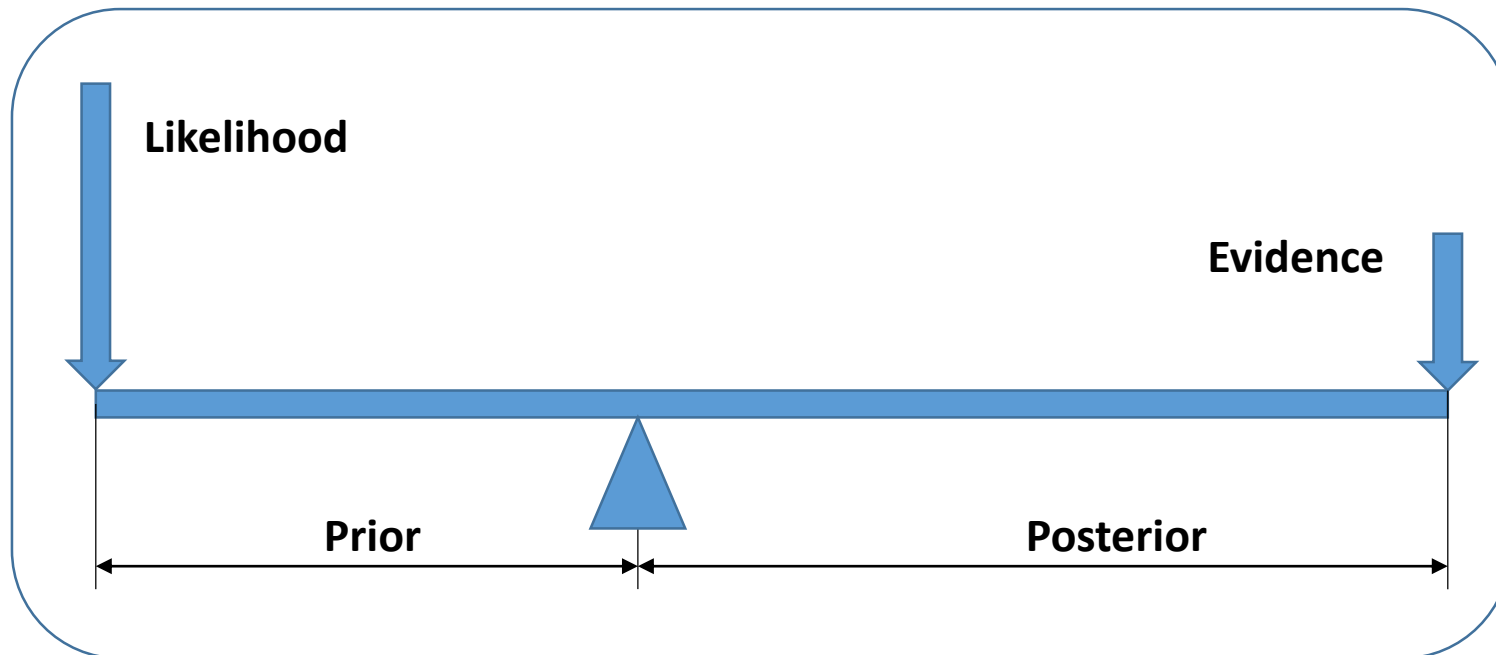


$$P(A) * P(A|B) = P(B) * P(B|A)$$



... when you have eliminated the impossible, whatever remains, *however improbable*, must be the truth



$$\textit{Posterior} = \frac{\textit{Prior} * \textit{Likelihood}}{\textit{Evidence}}$$