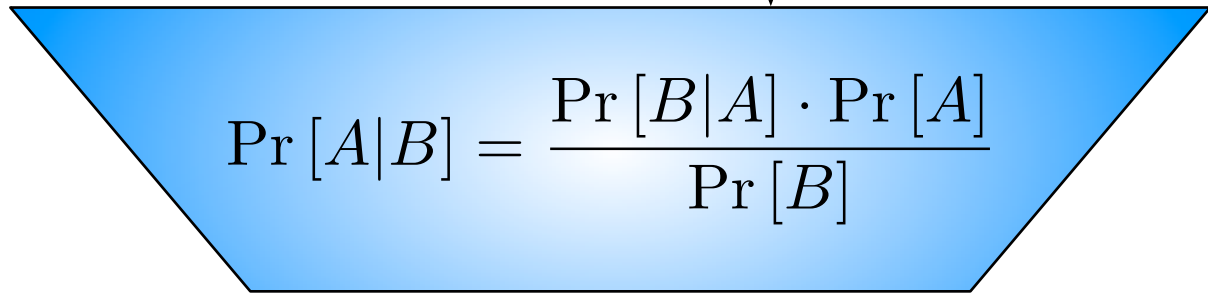


Prior distribution

Observations



A diagram illustrating the components of Bayes' theorem. At the top, two labels 'Prior distribution' and 'Observations' have arrows pointing down to a large blue trapezoidal box. Inside this box is the equation for the posterior distribution. An arrow points down from the bottom of the box to the label 'Posterior distribution'.

$$\Pr [A|B] = \frac{\Pr [B|A] \cdot \Pr [A]}{\Pr [B]}$$

Posterior distribution