Gaussian Naive bayes

Gaussian Naive bayes is named after the Gaussian distributions that represent the data in the training dataset

Initial guesses are called **Prior Probabilities**

Note: When we get really small numbers, it is a good idea to take the log() of everything to prevent something called **underflow**.
Underflow =
Every very computer has a limit to how close a number can get to 0 before it can no longer accurately keep track of that number.

Note: any log will do, but the natural log (ln) or log base e, is the most commonly used log() in statistic and machine learning.