The Distributions

Good times.

The geometric distribution represents the number of failures before you get a success in a series of Bernoulli trials.



The binomial distribution gives the **discrete** probability distribution of obtaining exactly x successes out of n Bernoulli trials.



The normal distribution is a very common **continuous** probability distribution often used in the natural and social sciences to represent realvalued random variables.

Define each probability distribution.

A uniform distribution is a distribution that has constant probability.



The hypergeometric distribution is a discrete probability distribution that describes the probability of successes in draws, without replacement.









