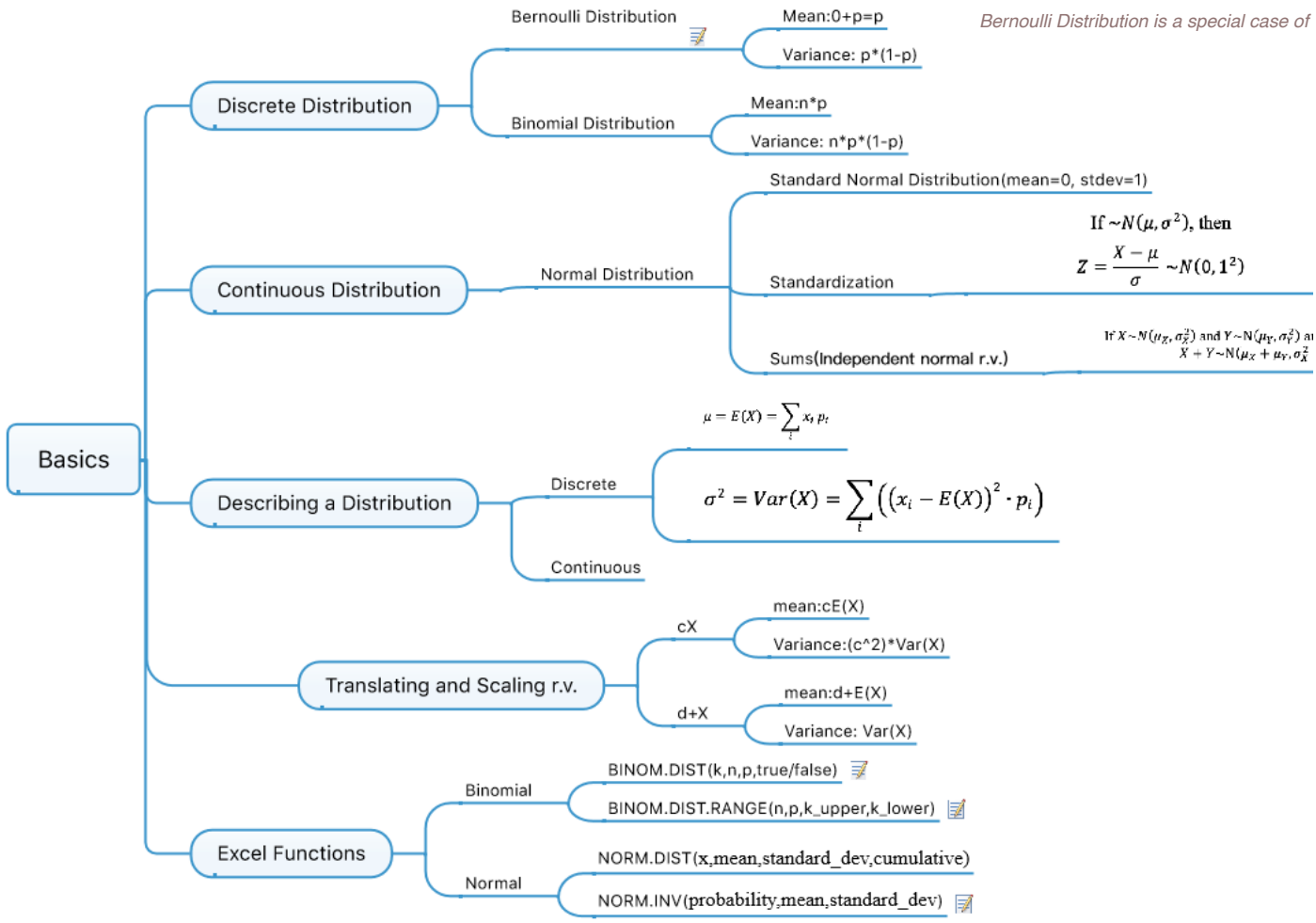
# Basics

Monday, March 30, 2020 10:26 AM

Basics




*Bernoulli Distribution is a special case of*

### BINOM.DIST(k,n,p,true/false)

*k:* number of successes

*n:* number of trials

*p:* probability of success on any given trial

false(0): "probability of exactly *k* successes"

true(1): "probability of *k* successes" (i.e., *k* or fewer successes)

### BINOM.DIST.RANGE(n,p,k_upper,k_lower)

Compute the probability of between k_upper and k_lower success in n trials.

### NORM.DIST(x,mean,standard_dev,cumulative)

Culculates the total area below x

### NORM.INV(probability,mean,standard_dev)

determines the value *x* of the Normal distribution with a given mean area under the curve below (to the left of) *x* is *p*