**Special functions**

Special functions are a group of few mathematical functions that can be applied to datasets to interpret better. Special functions include error functions, gamma functions, etc. Few python packages that avail special functions are SciPy and math.

The following are a few functions from the same:

**SciPy.exprel()** - returns the error value at the given variable. The function represents the relative error exponential function. The function exp(x) returns 1, when X is zero.

**math.erf(X)** - returns the error function at X. The erf() function can be used in traditional statistical functions like the cumulative standard normal distribution:

**math.erfc(X)** - returns the complementary error function at X. The complementary error function is computed as 1.0 - erf(X). It's used for large X values where a subtraction from one would cause a loss of significance.

**math.gamma(X)** - return the Gamma function at X.

**math.lgamma(X)** - return the natural logarithm of the absolute value of the Gamma function at X.

**scipy.special.comb(x,y)** - returns the combination of the passed arguments.