Function Name	Type and Function
CALL function	**Add-in and Automation:** Calls a procedure in a dynamic link library or code resource
SQL.REQUEST function	**Add-in and Automation:** Connects with an external data source and runs a query from a worksheet, then returns the result as an array without the need for macro programming
EUROCONVERT function	**Add-in and Automation:** Converts a number to euros, converts a number from euros to a euro member currency, or converts a number from one euro member currency to another by using the euro as an intermediary (triangulation).
REGISTER.ID function	**Add-in and Automation:** Returns the register ID of the specified dynamic link library (DLL) or code resource that has been previously registered
STDEVP function	**Compatibility:** Calculates standard deviation based on the entire population
VARP function	**Compatibility:** Calculates variance based on the entire population
WEIBULL function	**Compatibility:** Calculates variance based on the entire population, including numbers, text, and logical values
STDEV function	**Compatibility:** Estimates standard deviation based on a sample
VAR function	**Compatibility:** Estimates variance based on a sample
COVAR function	**Compatibility:** Returns covariance, the average of the products of paired deviations
BETADIST function	**Compatibility:** Returns the beta cumulative distribution function
CONFIDENCE function	**Compatibility:** Returns the confidence interval for a population mean
LOGNORMDIST function	**Compatibility:** Returns the cumulative lognormal distribution
EXPONDIST function	**Compatibility:** Returns the exponential distribution
FDIST function	**Compatibility:** Returns the F probability distribution
GAMMADIST function	**Compatibility:** Returns the gamma distribution
HYPGEOMDIST function	**Compatibility:** Returns the hypergeometric distribution
BINOMDIST function	**Compatibility:** Returns the individual term binomial distribution probability
BETAINV function	**Compatibility:** Returns the inverse of the cumulative distribution function for a specified beta distribution
GAMMAINV function	**Compatibility:** Returns the inverse of the gamma cumulative distribution
LOGINV function	**Compatibility:** Returns the inverse of the lognormal cumulative distribution
NORM.INV function	**Compatibility:** Returns the inverse of the normal cumulative distribution
CHIINV function	**Compatibility:** Returns the inverse of the one-tailed probability of the chi-squared distribution
NORMSINV function	**Compatibility:** Returns the inverse of the standard normal cumulative distribution
TINV function	**Compatibility:** Returns the inverse of the Student's t-distribution
PERCENTILE function	**Compatibility:** Returns the k-th percentile of values in a range
MODE function	**Compatibility:** Returns the most common value in a data set
NEGBINOMDIST function	**Compatibility:** Returns the negative binomial distribution
NORMDIST function	**Compatibility:** Returns the normal cumulative distribution
CHIDIST function	**Compatibility:** Returns the one-tailed probability of the chi-squared distribution
ZTEST function	**Compatibility:** Returns the one-tailed probability-value of a z-test
PERCENTRANK function	**Compatibility:** Returns the percentage rank of a value in a data set
POISSON function	**Compatibility:** Returns the Poisson distribution
TTEST function	**Compatibility:** Returns the probability associated with a Student's t-test
QUARTILE function	**Compatibility:** Returns the quartile of a data set
RANK function	**Compatibility:** Returns the rank of a number in a list of numbers
FTEST function	**Compatibility:** Returns the result of an F-test
CRITBINOM function	**Compatibility:** Returns the smallest value for which the cumulative binomial distribution is less than or equal to a criterion value
NORMSDIST function	**Compatibility:** Returns the standard normal cumulative distribution
TDIST function	**Compatibility:** Returns the Student's t-distribution

CHITEST function	**Compatibility:** Returns the test for independence
FLOOR function	**Compatibility:** Rounds a number down, toward zero
CUBESET function	**Cube:** Defines a calculated set of members or tuples by sending a set expression to the cube on the server, which creates the set, and then returns that set to Microsoft Office Excel.
CUBEKPIMEMBER function	**Cube:** Returns a key performance indicator (KPI) name, property, and measure, and displays the name and property in the cell. A KPI is a quantifiable measurement, such as monthly gross profit or quarterly employee turnover, used to monitor an organization's performance.
CUBEMEMBER function	**Cube:** Returns a member or tuple in a cube hierarchy. Use to validate that the member or tuple exists in the cube.
CUBEVALUE function	**Cube:** Returns an aggregated value from a cube.
CUBERANKEDMEMBER function	**Cube:** Returns the nth, or ranked, member in a set. Use to return one or more elements in a set, such as the top sales performer or top 10 students.
CUBESETCOUNT function	**Cube:** Returns the number of items in a set.
CUBEMEMBERPROPERTY function	**Cube:** Returns the value of a member property in the cube. Use to validate that a member name exists within the cube and to return the specified property for this member.
DSUM function	**Database:** Adds the numbers in the field column of records in the database that match the criteria
DSTDEVP function	**Database:** Calculates the standard deviation based on the entire population of selected database entries
DVARP function	**Database:** Calculates variance based on the entire population of selected database entries
DCOUNTA function	**Database:** Counts nonblank cells in a database
DCOUNT function	**Database:** Counts the cells that contain numbers in a database
DSTDEV function	**Database:** Estimates the standard deviation based on a sample of selected database entries
DVAR function	**Database:** Estimates variance based on a sample from selected database entries
DGET function	**Database:** Extracts from a database a single record that matches the specified criteria
DPRODUCT function	**Database:** Multiplies the values in a particular field of records that match the criteria in a database
DAVERAGE function	**Database:** Returns the average of selected database entries
DMAX function	**Database:** Returns the maximum value from selected database entries
DMIN function	**Database:** Returns the minimum value from selected database entries
DATEDIF function	**Date and time:** Calculates the number of days, months, or years between two dates. This function is useful in formulas where you need to calculate an age.
DAYS function	**Date and time:** Returns the number of days between two dates
WORKDAY.INTL function	**Date and time:** Returns the serial number of the date before or after a specified number of workdays using parameters to indicate which and how many days are weekend days
DAYS360 function	**Date and time:** Calculates the number of days between two dates based on a 360-day year
DATEVALUE function	**Date and time:** Converts a date in the form of text to a serial number
DAY function	**Date and time:** Converts a serial number to a day of the month
WEEKDAY function	**Date and time:** Converts a serial number to a day of the week
MINUTE function	**Date and time:** Converts a serial number to a minute
MONTH function	**Date and time:** Converts a serial number to a month
WEEKNUM function	**Date and time:** Converts a serial number to a number representing where the week falls numerically with a year
SECOND function	**Date and time:** Converts a serial number to a second
YEAR function	**Date and time:** Converts a serial number to a year

HOUR function	**Date and time:** Converts a serial number to an hour
TIMEVALUE function	**Date and time:** Converts a time in the form of text to a serial number
NETWORKDAYS function	**Date and time:** Returns the number of whole workdays between two dates
NETWORKDAYS.INTL function	**Date and time:** Returns the number of whole workdays between two dates using parameters to indicate which and how many days are weekend days
DATE function	**Date and time:** Returns the serial number of a particular date
TIME function	**Date and time:** Returns the serial number of a particular time
NOW function	**Date and time:** Returns the serial number of the current date and time
WORKDAY function	**Date and time:** Returns the serial number of the date before or after a specified number of workdays
EDATE function	**Date and time:** Returns the serial number of the date that is the indicated number of months before or after the start date
EOMONTH function	**Date and time:** Returns the serial number of the last day of the month before or after a specified number of months
TODAY function	**Date and time:** Returns the serial number of today's date
YEARFRAC function	**Date and time:** Returns the year fraction representing the number of whole days between start_date and end_date
ISOWEEKNUM function	**Date and time:** Returns the number of the ISO week number of the year for a given date
BITAND function	**Engineering:** Returns a 'Bitwise And' of two numbers
BITXOR function	**Engineering:** Returns a bitwise 'Exclusive Or' of two numbers
BITOR function	**Engineering:** Returns a bitwise OR of 2 numbers
BITLSHIFT function	**Engineering:** Returns a value number shifted left by shift_amount bits
BITRSHIFT function	**Engineering:** Returns a value number shifted right by shift_amount bits
IMCOT function	**Engineering:** Returns the cotangent of a complex number
IMSECH function	**Engineering:** Returns the hyperbolic secant of a complex number
IMSINH function	**Engineering:** Returns the hyperbolic sine of a complex number
IMSEC function	**Engineering:** Returns the secant of a complex number
IMTAN function	**Engineering:** Returns the tangent of a complex number
BIN2DEC function	**Engineering:** Converts a binary number to decimal
BIN2HEX function	**Engineering:** Converts a binary number to hexadecimal
BIN2OCT function	**Engineering:** Converts a binary number to octal
DEC2BIN function	**Engineering:** Converts a decimal number to binary
DEC2HEX function	**Engineering:** Converts a decimal number to hexadecimal
DEC2OCT function	**Engineering:** Converts a decimal number to octal
HEX2BIN function	**Engineering:** Converts a hexadecimal number to binary
HEX2DEC function	**Engineering:** Converts a hexadecimal number to decimal
HEX2OCT function	**Engineering:** Converts a hexadecimal number to octal
CONVERT function	**Engineering:** Converts a number from one measurement system to another
OCT2BIN function	**Engineering:** Converts an octal number to binary
OCT2DEC function	**Engineering:** Converts an octal number to decimal
OCT2HEX function	**Engineering:** Converts an octal number to hexadecimal
COMPLEX function	**Engineering:** Converts real and imaginary coefficients into a complex number
IMPOWER function	**Engineering:** Returns a complex number raised to an integer power
IMABS function	**Engineering:** Returns the absolute value (modulus) of a complex number
IMARGUMENT function	**Engineering:** Returns the argument theta, an angle expressed in radians
IMLOG10 function	**Engineering:** Returns the base-10 logarithm of a complex number
IMLOG2 function	**Engineering:** Returns the base-2 logarithm of a complex number
BESSELJ function	**Engineering:** Returns the Bessel function Jn(x)
BESSELY function	**Engineering:** Returns the Bessel function Yn(x)

ERFC.PRECISE function	**Engineering:** Returns the complementary ERF function integrated between x and infinity
ERFC function	**Engineering:** Returns the complementary error function
IMCONJUGATE function	**Engineering:** Returns the complex conjugate of a complex number
IMCOS function	**Engineering:** Returns the cosine of a complex number
IMSUB function	**Engineering:** Returns the difference between two complex numbers
ERF function	**Engineering:** Returns the error function
ERF.PRECISE function	**Engineering:** Returns the error function
IMEXP function	**Engineering:** Returns the exponential of a complex number
IMCOSH function	**Engineering:** Returns the hyperbolic cosine of a complex number
IMAGINARY function	**Engineering:** Returns the imaginary coefficient of a complex number
BESSELI function	**Engineering:** Returns the modified Bessel function In(x)
BESSELK function	**Engineering:** Returns the modified Bessel function Kn(x)
IMLN function	**Engineering:** Returns the natural logarithm of a complex number
IMPRODUCT function	**Engineering:** Returns the product of complex numbers
IMDIV function	**Engineering:** Returns the quotient of two complex numbers
IMREAL function	**Engineering:** Returns the real coefficient of a complex number
IMSIN function	**Engineering:** Returns the sine of a complex number
IMSQRT function	**Engineering:** Returns the square root of a complex number
IMSUM function	**Engineering:** Returns the sum of complex numbers
GESTEP function	**Engineering:** Tests whether a number is greater than a threshold value
DELTA function	**Engineering:** Tests whether two values are equal
IMCSC function	**Engineering:** Returns the cosecant of a complex number
IMCSCH function	**Engineering:** Returns the hyperbolic cosecant of a complex number
RRI function	**Financial:** Returns an equivalent interest rate for the growth of an investment
ISPMT function	**Financial:** Calculates the interest paid during a specific period of an investment
DOLLARFR function	**Financial:** Converts a dollar price, expressed as a decimal number, into a dollar price, expressed as a fraction
DOLLARDE function	**Financial:** Converts a dollar price, expressed as a fraction, into a dollar price, expressed as a decimal number
ACCRINTM function	**Financial:** Returns the accrued interest for a security that pays interest at maturity
ACCRINT function	**Financial:** Returns the accrued interest for a security that pays periodic interest
RECEIVED function	**Financial:** Returns the amount received at maturity for a fully invested security
DURATION function	**Financial:** Returns the annual duration of a security with periodic interest payments
NOMINAL function	**Financial:** Returns the annual nominal interest rate
YIELDDISC function	**Financial:** Returns the annual yield for a discounted security; for example, a Treasury bill
YIELDMAT function	**Financial:** Returns the annual yield of a security that pays interest at maturity
TBILLEQ function	**Financial:** Returns the bond-equivalent yield for a Treasury bill
CUMIPMT function	**Financial:** Returns the cumulative interest paid between two periods
CUMPRINC function	**Financial:** Returns the cumulative principal paid on a loan between two periods
AMORLINC function	**Financial:** Returns the depreciation for each accounting period
AMORDEGRC function	**Financial:** Returns the depreciation for each accounting period by using a depreciation coefficient
VDB function	**Financial:** Returns the depreciation of an asset for a specified or partial period by using a declining balance method
DDB function	**Financial:** Returns the depreciation of an asset for a specified period by using the double-declining balance method or some other method that you specify
DB function	**Financial:** Returns the depreciation of an asset for a specified period by using the fixed-declining balance method
DISC function	**Financial:** Returns the discount rate for a security

EFFECT function	**Financial:** Returns the effective annual interest rate
FVSCHEDULE function	**Financial:** Returns the future value of an initial principal after applying a series of compound interest rates
FV function	**Financial:** Returns the future value of an investment
IPMT function	**Financial:** Returns the interest payment for an investment for a given period
INTRATE function	**Financial:** Returns the interest rate for a fully invested security
RATE function	**Financial:** Returns the interest rate per period of an annuity
XIRR function	**Financial:** Returns the internal rate of return for a schedule of cash flows that is not necessarily periodic
IRR function	**Financial:** Returns the internal rate of return for a series of cash flows
MIRR function	**Financial:** Returns the internal rate of return where positive and negative cash flows are financed at different rates
MDURATION function	**Financial:** Returns the Macauley modified duration for a security with an assumed par value of $100
XNPV function	**Financial:** Returns the net present value for a schedule of cash flows that is not necessarily periodic
NPV function	**Financial:** Returns the net present value of an investment based on a series of periodic cash flows and a discount rate
COUPNCD function	**Financial:** Returns the next coupon date after the settlement date
COUPNUM function	**Financial:** Returns the number of coupons payable between the settlement date and maturity date
COUPDAYBS function	**Financial:** Returns the number of days from the beginning of the coupon period to the settlement date
COUPDAYSNC function	**Financial:** Returns the number of days from the settlement date to the next coupon date
COUPDAYS function	**Financial:** Returns the number of days in the coupon period that contains the settlement date
NPER function	**Financial:** Returns the number of periods for an investment
PPMT function	**Financial:** Returns the payment on the principal for an investment for a given period
PMT function	**Financial:** Returns the periodic payment for an annuity
PV function	**Financial:** Returns the present value of an investment
COUPPCD function	**Financial:** Returns the previous coupon date before the settlement date
TBILLPRICE function	**Financial:** Returns the price per $100 face value for a Treasury bill
PRICEDISC function	**Financial:** Returns the price per $100 face value of a discounted security
PRICEMAT function	**Financial:** Returns the price per $100 face value of a security that pays interest at maturity
PRICE function	**Financial:** Returns the price per $100 face value of a security that pays periodic interest
ODDFPRICE function	**Financial:** Returns the price per $100 face value of a security with an odd first period
ODDLPRICE function	**Financial:** Returns the price per $100 face value of a security with an odd last period
SLN function	**Financial:** Returns the straight-line depreciation of an asset for one period
SYD function	**Financial:** Returns the sum-of-years' digits depreciation of an asset for a specified period
TBILLYIELD function	**Financial:** Returns the yield for a Treasury bill
ODDFYIELD function	**Financial:** Returns the yield of a security with an odd first period
ODDLYIELD function	**Financial:** Returns the yield of a security with an odd last period
YIELD function	**Financial:** Returns the yield on a security that pays periodic interest
PDURATION function	**Financial:** Returns the number of periods required by an investment to reach a specified value
	In Excel 2016, this function is replaced with FORECAST.LINEAR as part of the new Forecasting functions, but it's still available for compatibility with earlier versions.
SHEETS function	**Information:** Returns the number of sheets in a reference

SHEET function	**Information:** Returns the sheet number of the referenced sheet
ISFORMULA function	**Information:** Returns TRUE if there is a reference to a cell that contains a formula
ERROR.TYPE function	**Information:** Returns a number corresponding to an error type
TYPE function	**Information:** Returns a number indicating the data type of a value
N function	**Information:** Returns a value converted to a number
INFO function	**Information:** Returns information about the current operating environment
CELL function	**Information:** Returns information about the formatting, location, or contents of a cell
NA function	**Information:** Returns the error value #N/A
ISEVEN function	**Information:** Returns TRUE if the number is even
ISODD function	**Information:** Returns TRUE if the number is odd
ISLOGICAL function	**Information:** Returns TRUE if the value is a logical value
ISNUMBER function	**Information:** Returns TRUE if the value is a number
ISREF function	**Information:** Returns TRUE if the value is a reference
ISERROR function	**Information:** Returns TRUE if the value is any error value
ISERR function	**Information:** Returns TRUE if the value is any error value except #N/A
ISBLANK function	**Information:** Returns TRUE if the value is blank
ISNONTEXT function	**Information:** Returns TRUE if the value is not text
ISTEXT function	**Information:** Returns TRUE if the value is text
ISNA function	**Information:** Returns TRUE if the value is the #N/A error value
IFS function	**Logical:** Checks whether one or more conditions are met and returns a value that corresponds to the first TRUE condition.
SWITCH function	**Logical:** Evaluates an expression against a list of values and returns the result corresponding to the first matching value. If there is no match, an optional default value may be returned.
XOR function	**Logical:** Returns a logical exclusive OR of all arguments
IFNA function	**Logical:** Returns the value you specify if the expression resolves to #N/A, otherwise returns the result of the expression
IFERROR function	**Logical:** Returns a value you specify if a formula evaluates to an error; otherwise, returns the result of the formula
FALSE function	**Logical:** Returns the logical value FALSE
TRUE function	**Logical:** Returns the logical value TRUE
AND function	**Logical:** Returns TRUE if all of its arguments are TRUE
OR function	**Logical:** Returns TRUE if any argument is TRUE
NOT function	**Logical:** Reverses the logic of its argument
IF function	**Logical:** Specifies a logical test to perform
FORMULATEXT function	**Lookup and reference:** Returns the formula at the given reference as text
CHOOSE function	**Lookup and reference:** Chooses a value from a list of values
HYPERLINK function	**Lookup and reference:** Creates a shortcut or jump that opens a document stored on a network server, an intranet, or the Internet
VLOOKUP function	**Lookup and reference:** Looks in the first column of an array and moves across the row to return the value of a cell
HLOOKUP function	**Lookup and reference:** Looks in the top row of an array and returns the value of the indicated cell
MATCH function	**Lookup and reference:** Looks up values in a reference or array
LOOKUP function	**Lookup and reference:** Looks up values in a vector or array
RTD function	**Lookup and reference:** Retrieves real-time data from a program that supports COM automation
ADDRESS function	**Lookup and reference:** Returns a reference as text to a single cell in a worksheet
INDIRECT function	**Lookup and reference:** Returns a reference indicated by a text value
OFFSET function	**Lookup and reference:** Returns a reference offset from a given reference
GETPIVOTDATA function	**Lookup and reference:** Returns data stored in a PivotTable report

COLUMN function	**Lookup and reference:** Returns the column number of a reference
AREAS function	**Lookup and reference:** Returns the number of areas in a reference
COLUMNS function	**Lookup and reference:** Returns the number of columns in a reference
ROWS function	**Lookup and reference:** Returns the number of rows in a reference
ROW function	**Lookup and reference:** Returns the row number of a reference
TRANSPOSE function	**Lookup and reference:** Returns the transpose of an array
INDEX function	**Lookup and reference:** Uses an index to choose a value from a reference or array
COMBINA function	**Math and trigonometry:**
ARABIC function	**Math and trigonometry:** Converts a Roman number to Arabic, as a number
DECIMAL function	**Math and trigonometry:** Converts a text representation of a number in a given base into a decimal number
ACOT function	**Math and trigonometry:** Returns the arccotangent of a number
CSC function	**Math and trigonometry:** Returns the cosecant of an angle
COTH function	**Math and trigonometry:** Returns the cotangent of an angle
ACOTH function	**Math and trigonometry:** Returns the hyperbolic arccotangent of a number
CSCH function	**Math and trigonometry:** Returns the hyperbolic cosecant of an angle
COT function	**Math and trigonometry:** Returns the hyperbolic cosine of a number
SECH function	**Math and trigonometry:** Returns the hyperbolic secant of an angle
SEC function	**Math and trigonometry:** Returns the secant of an angle
MUNIT function	**Math and trigonometry:** Returns the unit matrix or the specified dimension
FLOOR.MATH function	**Math and trigonometry:** Rounds a number down, to the nearest integer or to the nearest multiple of significance
SUM function	**Math and trigonometry:** Adds its arguments
SUMIFS function	**Math and trigonometry:** Adds the cells in a range that meet multiple criteria
SUMIF function	**Math and trigonometry:** Adds the cells specified by a given criteria
BASE function	**Math and trigonometry:** Converts a number into a text representation with the given radix (base)
ROMAN function	**Math and trigonometry:** Converts an arabic numeral to roman, as text
RADIANS function	**Math and trigonometry:** Converts degrees to radians
DEGREES function	**Math and trigonometry:** Converts radians to degrees
PRODUCT function	**Math and trigonometry:** Multiplies its arguments
MROUND function	**Math and trigonometry:** Returns a number rounded to the desired multiple
ISO.CEILING function	**Math and trigonometry:** Returns a number that is rounded up to the nearest integer or to the nearest multiple of significance
SQRT function	**Math and trigonometry:** Returns a positive square root
RAND function	**Math and trigonometry:** Returns a random number between 0 and 1
RANDBETWEEN function	**Math and trigonometry:** Returns a random number between the numbers you specify
SUBTOTAL function	**Math and trigonometry:** Returns a subtotal in a list or database
AGGREGATE function	**Math and trigonometry:** Returns an aggregate in a list or database
ABS function	**Math and trigonometry:** Returns the absolute value of a number
ACOS function	**Math and trigonometry:** Returns the arccosine of a number
ASIN function	**Math and trigonometry:** Returns the arcsine of a number
ATAN2 function	**Math and trigonometry:** Returns the arctangent from x- and y-coordinates
ATAN function	**Math and trigonometry:** Returns the arctangent of a number
LOG10 function	**Math and trigonometry:** Returns the base-10 logarithm of a number
COS function	**Math and trigonometry:** Returns the cosine of a number
FACTDOUBLE function	**Math and trigonometry:** Returns the double factorial of a number
FACT function	**Math and trigonometry:** Returns the factorial of a number
GCD function	**Math and trigonometry:** Returns the greatest common divisor
COSH function	**Math and trigonometry:** Returns the hyperbolic cosine of a number

SINH function	**Math and trigonometry:** Returns the hyperbolic sine of a number
TANH function	**Math and trigonometry:** Returns the hyperbolic tangent of a number
QUOTIENT function	**Math and trigonometry:** Returns the integer portion of a division
ACOSH function	**Math and trigonometry:** Returns the inverse hyperbolic cosine of a number
ASINH function	**Math and trigonometry:** Returns the inverse hyperbolic sine of a number
ATANH function	**Math and trigonometry:** Returns the inverse hyperbolic tangent of a number
LCM function	**Math and trigonometry:** Returns the least common multiple
LOG function	**Math and trigonometry:** Returns the logarithm of a number to a specified base
MDETERM function	**Math and trigonometry:** Returns the matrix determinant of an array
MINVERSE function	**Math and trigonometry:** Returns the matrix inverse of an array
MMULT function	**Math and trigonometry:** Returns the matrix product of two arrays
MULTINOMIAL function	**Math and trigonometry:** Returns the multinomial of a set of numbers
LN function	**Math and trigonometry:** Returns the natural logarithm of a number
COMBIN function	**Math and trigonometry:** Returns the number of combinations for a given number of objects
MOD function	**Math and trigonometry:** Returns the remainder from division
POWER function	**Math and trigonometry:** Returns the result of a number raised to a power
SIGN function	**Math and trigonometry:** Returns the sign of a number
SIN function	**Math and trigonometry:** Returns the sine of the given angle
SQRTPI function	**Math and trigonometry:** Returns the square root of (number * pi)
SERIESSUM function	**Math and trigonometry:** Returns the sum of a power series based on the formula
SUMXMY2 function	**Math and trigonometry:** Returns the sum of squares of differences of corresponding values in two arrays
SUMX2MY2 function	**Math and trigonometry:** Returns the sum of the difference of squares of corresponding values in two arrays
SUMPRODUCT function	**Math and trigonometry:** Returns the sum of the products of corresponding array components
SUMSQ function	**Math and trigonometry:** Returns the sum of the squares of the arguments
SUMX2PY2 function	**Math and trigonometry:** Returns the sum of the sum of squares of corresponding values in two arrays
TAN function	**Math and trigonometry:** Returns the tangent of a number
PI function	**Math and trigonometry:** Returns the value of pi
EXP function	**Math and trigonometry:** Returns *e* raised to the power of a given number
INT function	**Math and trigonometry:** Rounds a number down to the nearest integer
ROUNDDOWN function	**Math and trigonometry:** Rounds a number down, toward zero
CEILING.PRECISE function	**Math and trigonometry:** Rounds a number the nearest integer or to the nearest multiple of significance. Regardless of the sign of the number, the number is rounded up.
FLOOR.PRECISE function	**Math and trigonometry:** Rounds a number the nearest integer or to the nearest multiple of significance. Regardless of the sign of the number, the number is rounded up.
ROUND function	**Math and trigonometry:** Rounds a number to a specified number of digits
CEILING function	**Math and trigonometry:** Rounds a number to the nearest integer or to the nearest multiple of significance
EVEN function	**Math and trigonometry:** Rounds a number up to the nearest even integer
ODD function	**Math and trigonometry:** Rounds a number up to the nearest odd integer
ROUNDUP function	**Math and trigonometry:** Rounds a number up, away from zero
CEILING.MATH function	**Math and trigonometry:** Rounds a number up, to the nearest integer or to the nearest multiple of significance
TRUNC function	**Math and trigonometry:** Truncates a number to an integer
	Returns the number of combinations with repetitions for a given number of items

FORECAST.ETS.CONFINT function	**Statistical:** Returns a confidence interval for the forecast value at the specified target date
FORECAST.ETS function	**Statistical:** Returns a future value based on existing (historical) values by using the AAA version of the Exponential Smoothing (ETS) algorithm
FORECAST.LINEAR function	**Statistical:** Returns a future value based on existing values
FORECAST.ETS.STAT function	**Statistical:** Returns a statistical value as a result of time series forecasting
GAMMA function	**Statistical:** Returns the Gamma function value
FORECAST.ETS.SEASONALITY function	**Statistical:** Returns the length of the repetitive pattern Excel detects for the specified time series
MAXIFS function	**Statistical:** Returns the maximum value among cells specified by a given set of conditions or criteria
MINIFS function	**Statistical:** Returns the minimum value among cells specified by a given set of conditions or criteria.
PERMUTATIONA function	**Statistical:** Returns the number of permutations for a given number of objects (with repetitions) that can be selected from the total objects
SKEW.P function	**Statistical:** Returns the skewness of a distribution based on a population: a characterization of the degree of asymmetry of a distribution around its mean
PHI function	**Statistical:** Returns the value of the density function for a standard normal distribution
STDEV.P function	**Statistical:** Calculates standard deviation based on the entire population
STDEVPA function	**Statistical:** Calculates standard deviation based on the entire population, including numbers, text, and logical values
VAR.P function	**Statistical:** Calculates variance based on the entire population
VARPA function	**Statistical:** Calculates variance based on the entire population, including numbers, text, and logical values
COUNT function	**Statistical:** Counts how many numbers are in the list of arguments
COUNTA function	**Statistical:** Counts how many values are in the list of arguments
COUNTBLANK function	**Statistical:** Counts the number of blank cells within a range
COUNTIFS function	**Statistical:** Counts the number of cells within a range that meet multiple criteria
COUNTIF function	**Statistical:** Counts the number of cells within a range that meet the given criteria
STDEV.S function	**Statistical:** Estimates standard deviation based on a sample
STDEVA function	**Statistical:** Estimates standard deviation based on a sample, including numbers, text, and logical values
VAR.S function	**Statistical:** Estimates variance based on a sample
VARA function	**Statistical:** Estimates variance based on a sample, including numbers, text, and logical values
GAUSS function	**Statistical:** Returns 0.5 less than the standard normal cumulative distribution
FREQUENCY function	**Statistical:** Returns a frequency distribution as a vertical array
STANDARDIZE function	**Statistical:** Returns a normalized value
FORECAST function	**Statistical:** Returns a value along a linear trend
MODE.MULT function	**Statistical:** Returns a vertical array of the most frequently occurring, or repetitive values in an array or range of data
COVARIANCE.P function	**Statistical:** Returns covariance, the average of the products of paired deviations
AVERAGEIFS function	**Statistical:** Returns the average (arithmetic mean) of all cells that meet multiple criteria.
AVERAGEIF function	**Statistical:** Returns the average (arithmetic mean) of all the cells in a range that meet a given criteria
AVERAGE function	**Statistical:** Returns the average of its arguments
AVERAGEA function	**Statistical:** Returns the average of its arguments, including numbers, text, and logical values
AVEDEV function	**Statistical:** Returns the average of the absolute deviations of data points from their mean

BETA.DIST function	**Statistical:** Returns the beta cumulative distribution function
CONFIDENCE.NORM function	**Statistical:** Returns the confidence interval for a population mean
CONFIDENCE.T function	**Statistical:** Returns the confidence interval for a population mean, using a Student's t distribution
CORREL function	**Statistical:** Returns the correlation coefficient between two data sets
CHISQ.DIST function	**Statistical:** Returns the cumulative beta probability density function
CHISQ.INV function	**Statistical:** Returns the cumulative beta probability density function
LOGNORM.DIST function	**Statistical:** Returns the cumulative lognormal distribution
EXPON.DIST function	**Statistical:** Returns the exponential distribution
F.DIST function	**Statistical:** Returns the F probability distribution
F.DIST.RT function	**Statistical:** Returns the F probability distribution
FISHER function	**Statistical:** Returns the Fisher transformation
GAMMA.DIST function	**Statistical:** Returns the gamma distribution
GEOMEAN function	**Statistical:** Returns the geometric mean
HARMEAN function	**Statistical:** Returns the harmonic mean
HYPGEOM.DIST function	**Statistical:** Returns the hypergeometric distribution
BINOM.DIST function	**Statistical:** Returns the individual term binomial distribution probability
INTERCEPT function	**Statistical:** Returns the intercept of the linear regression line
BETA.INV function	**Statistical:** Returns the inverse of the cumulative distribution function for a specified beta distribution
F.INV function	**Statistical:** Returns the inverse of the F probability distribution
F.INV.RT function	**Statistical:** Returns the inverse of the F probability distribution
FINV function	**Statistical:** Returns the inverse of the F probability distribution
FISHERINV function	**Statistical:** Returns the inverse of the Fisher transformation
GAMMA.INV function	**Statistical:** Returns the inverse of the gamma cumulative distribution
LOGNORM.INV function	**Statistical:** Returns the inverse of the lognormal cumulative distribution
NORMINV function	**Statistical:** Returns the inverse of the normal cumulative distribution
CHISQ.INV.RT function	**Statistical:** Returns the inverse of the one-tailed probability of the chi-squared distribution
NORM.S.INV function	**Statistical:** Returns the inverse of the standard normal cumulative distribution
T.INV.2T function	**Statistical:** Returns the inverse of the Student's t-distribution
LARGE function	**Statistical:** Returns the k-th largest value in a data set
PERCENTILE.INC function	**Statistical:** Returns the k-th percentile of values in a range
PERCENTILE.EXC function	**Statistical:** Returns the k-th percentile of values in a range, where k is in the range 0..1, exclusive
SMALL function	**Statistical:** Returns the k-th smallest value in a data set
KURT function	**Statistical:** Returns the kurtosis of a data set
MAX function	**Statistical:** Returns the maximum value in a list of arguments
MAXA function	**Statistical:** Returns the maximum value in a list of arguments, including numbers, text, and logical values
TRIMMEAN function	**Statistical:** Returns the mean of the interior of a data set
MEDIAN function	**Statistical:** Returns the median of the given numbers
MIN function	**Statistical:** Returns the minimum value in a list of arguments
MODE.SNGL function	**Statistical:** Returns the most common value in a data set
GAMMALN function	**Statistical:** Returns the natural logarithm of the gamma function, Γ(x)
GAMMALN.PRECISE function	**Statistical:** Returns the natural logarithm of the gamma function, Γ(x)
NEGBINOM.DIST function	**Statistical:** Returns the negative binomial distribution
NORM.DIST function	**Statistical:** Returns the normal cumulative distribution
PERMUT function	**Statistical:** Returns the number of permutations for a given number of objects
CHISQ.DIST.RT function	**Statistical:** Returns the one-tailed probability of the chi-squared distribution
Z.TEST function	**Statistical:** Returns the one-tailed probability-value of a z-test

LINEST function	**Statistical:** Returns the parameters of a linear trend
LOGEST function	**Statistical:** Returns the parameters of an exponential trend
PEARSON function	**Statistical:** Returns the Pearson product moment correlation coefficient
T.DIST function	**Statistical:** Returns the Percentage Points (probability) for the Student t-distribution
T.DIST.2T function	**Statistical:** Returns the Percentage Points (probability) for the Student t-distribution
PERCENTRANK.INC function	**Statistical:** Returns the percentage rank of a value in a data set
POISSON.DIST function	**Statistical:** Returns the Poisson distribution
T.TEST function	**Statistical:** Returns the probability associated with a Student's t-test
BINOM.DIST.RANGE function	**Statistical:** Returns the probability of a trial result using a binomial distribution
PROB function	**Statistical:** Returns the probability that values in a range are between two limits
QUARTILE.INC function	**Statistical:** Returns the quartile of a data set
QUARTILE.EXC function	**Statistical:** Returns the quartile of the data set, based on percentile values from 0..1, exclusive
RANK.AVG function	**Statistical:** Returns the rank of a number in a list of numbers
RANK.EQ function	**Statistical:** Returns the rank of a number in a list of numbers
PERCENTRANK.EXC function	**Statistical:** Returns the rank of a value in a data set as a percentage (0..1, exclusive) of the data set
F.TEST function	**Statistical:** Returns the result of an F-test
COVARIANCE.S function	**Statistical:** Returns the sample covariance, the average of the products deviations for each data point pair in two data sets
SKEW function	**Statistical:** Returns the skewness of a distribution
SLOPE function	**Statistical:** Returns the slope of the linear regression line
BINOM.INV function	**Statistical:** Returns the smallest value for which the cumulative binomial distribution is less than or equal to a criterion value
MINA function	**Statistical:** Returns the smallest value in a list of arguments, including numbers, text, and logical values
RSQ function	**Statistical:** Returns the square of the Pearson product moment correlation coefficient
STEYX function	**Statistical:** Returns the standard error of the predicted y-value for each x in the regression
NORM.S.DIST function	**Statistical:** Returns the standard normal cumulative distribution
T.DIST.RT function	**Statistical:** Returns the Student's t-distribution
DEVSQ function	**Statistical:** Returns the sum of squares of deviations
CHISQ.TEST function	**Statistical:** Returns the test for independence
T.INV function	**Statistical:** Returns the t-value of the Student's t-distribution as a function of the probability and the degrees of freedom
WEIBULL.DIST function	**Statistical:** Returns the Weibull distribution
TREND function	**Statistical:** Returns values along a linear trend
GROWTH function	**Statistical:** Returns values along an exponential trend
TEXTJOIN function	**Text:** Combines the text from multiple ranges and/or strings, and includes a delimiter you specify between each text value that will be combined. If the delimiter is an empty text string, this function will effectively concatenate the ranges.
CONCAT function	**Text:** Combines the text from multiple ranges and/or strings, but it doesn't provide the delimiter or IgnoreEmpty arguments.
UNICODE function	**Text:** Returns the number (code point) that corresponds to the first character of the text
UNICHAR function	**Text:** Returns the Unicode character that is references by the given numeric value
PROPER function	**Text:** Capitalizes the first letter in each word of a text value
ASC function	**Text:** Changes full-width (double-byte) English letters or katakana within a character string to half-width (single-byte) characters
DBCS function	**Text:** Changes half-width (single-byte) English letters or katakana within a character string to full-width (double-byte) characters
EXACT function	**Text:** Checks to see if two text values are identical

DOLLAR function	**Text:** Converts a number to text, using the $ (dollar) currency format
BAHTTEXT function	**Text:** Converts a number to text, using the ß (baht) currency format
VALUE function	**Text:** Converts a text argument to a number
T function	**Text:** Converts its arguments to text
LOWER function	**Text:** Converts text to lowercase
NUMBERVALUE function	**Text:** Converts text to number in a locale-independent manner
UPPER function	**Text:** Converts text to uppercase
PHONETIC function	**Text:** Extracts the phonetic (furigana) characters from a text string
FIND, FINDB functions	**Text:** Finds one text value within another (case-sensitive)
SEARCH, SEARCHB functions	**Text:** Finds one text value within another (not case-sensitive)
TEXT function	**Text:** Formats a number and converts it to text
FIXED function	**Text:** Formats a number as text with a fixed number of decimals
CONCATENATE function	**Text:** Joins several text items into one text item
CLEAN function	**Text:** Removes all nonprintable characters from text
TRIM function	**Text:** Removes spaces from text
REPT function	**Text:** Repeats text a given number of times
REPLACE, REPLACEB functions	**Text:** Replaces characters within text
CODE function	**Text:** Returns a numeric code for the first character in a text string
MID, MIDB functions	**Text:** Returns a specific number of characters from a text string starting at the position you specify
CHAR function	**Text:** Returns the character specified by the code number
LEFT, LEFTB functions	**Text:** Returns the leftmost characters from a text value
LEN, LENB functions	**Text:** Returns the number of characters in a text string
RIGHT, RIGHTB functions	**Text:** Returns the rightmost characters from a text value
SUBSTITUTE function	**Text:** Substitutes new text for old text in a text string
JIS function	**Text:** Changes half-width (single-byte) characters within a string to full-width (double-byte) characters
ENCODEURL function	**Web:** Returns a URL-encoded string
WEBSERVICE function	**Web:** Returns data from a web service.
FILTERXML function	**Web:** Returns specific data from the XML content by using the specified XPath