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SUM(range)

    Adds all numbers in the

specified range.
                             - Calculates the arithmetic
AVERAGE(range)
mean of the numbers in the range.
COUNT(range)
                            - Counts cells that contain
numbers.
COUNTA(range)

    Counts non empty cells

(including text).
MAX(range)

    Returns the largest value in

the range.
MIN(range)

    Returns the smallest value in

the range.
MEDIAN(range)

    Returns the median (middle)

value.
MODE.SNGL(range)

    Returns the most

frequently occurring value.
STDEV.P(range)

    Calculates the standard

deviation for an entire population.
STDEV.S(range)

    Calculates the standard

deviation for a sample.
VAR.P(range)

    Calculates the variance for an

entire population.
VAR.S(range)

    Calculates the variance for a

sample.
IF(logical_test, value_if_true, value_if_false)
Returns one value if a condition is true, another if false.
IFS(logical_test1, value1, [logical_test2, value2], ...)

    Evaluates multiple conditions and returns the first

matching value.
AND(logical1, [logical2], ...)
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Returns TRUE if all arguments are TRUE.
OR(logical1, [logical2], ...)
                                               Returns
TRUE if any argument is TRUE.
                                          - Reverses the
NOT(logical)
logical value.
IFERROR(value, value_if_error)
Returns a custom result when a formula generates an
error.
COUNTIF(range, criteria)
                                               Counts
cells that meet a single criterion.
COUNTIFS(range1, criteria1, [range2, criteria2], ...)

    Counts cells that meet multiple criteria.

SUMIF(range, criteria, [sum_range])
Adds cells that meet a single criterion.
SUMIFS(sum_range, criteria_range1, criteria1,
[criteria_range2, criteria2], ...) - Adds cells that meet
multiple criteria.
AVERAGEIF(range, criteria, [average_range])
Averages cells that meet a single criterion.
AVERAGEIFS(average_range, criteria_range1, criteria1,
[criteria_range2, criteria2], ...) - Averages cells that meet
multiple criteria.
VLOOKUP(lookup_value, table_array, col_index_num,
[range_lookup]) - Vertical lookup; approximate match if
range_lookup is TRUE or omitted.
HLOOKUP(lookup_value, table_array, row_index_num,
[range_lookup]) - Horizontal lookup; approximate match if
range_lookup is TRUE or omitted.
XLOOKUP(lookup_value, lookup_array, return_array,
[if_not_found], [match_mode], [search_mode]) - Flexible
replacement for VLOOKUP/HLOOKUP.
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INDEX(array, row_num, [column_num])
Returns the value at a given position in a range.
MATCH(lookup value, lookup array,
[match_type])
                      - Returns the relative position of a
lookup value in a range.
OFFSET(reference, rows, cols, [height], [width])
Returns a range offset from a starting cell.
INDIRECT(ref_text, [a1])
                                               Returns
a reference specified by a text string.
CHOOSE(index_num, value1, [value2], ...)
Returns a value from a list based on index number.
COLUMN([reference])
                                                Returns
the column number of a reference.
ROW([reference])
                                             Returns
the row number of a reference.
ADDRESS(row_num, column_num, [abs_num], [a1],
[sheet_text]) - Returns a cell address as text.
CONCATENATE(text1, [text2], ...) – Joins multiple text
strings (deprecated; use CONCAT or TEXTJOIN).
CONCAT(text1, [text2], ...) – Joins multiple text strings
without delimiter.
TEXTJOIN(delimiter, ignore_empty, text1, [text2], ...) –
Joins strings with a delimiter, optionally skipping empty
cells.

    Returns the leftmost

LEFT(text, [num_chars])
characters from a text string.

    Returns the rightmost

RIGHT(text, [num chars])
characters from a text string.
MID(text, start_num, num_chars) - Returns a specific
number of characters from the middle of a text string.
LEN(text)

    Returns the length of a text

string.
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TRIM(text) Removes extra spaces from text. UPPER(text) Converts text to uppercase. LOWER(text) - Converts text to lowercase. PROPER(text) Capitalizes the first letter of each word. Converts a text representation VALUE(text) of a number to a numeric value. TEXT(value, format_text) Formats a number and returns it as text. DATE(year, month, day) - Returns a serial number representing a date. TIME(hour, minute, second) - Returns a serial number representing a time. TODAY() Returns the current date. NOW() Returns the current date and time. YEAR(serial_number) - Extracts the year from a date. MONTH(serial_number) - Extracts the month from a date. DAY(serial_number) — Extracts the day from a date. HOUR(serial_number) - Extracts the hour from a time. MINUTE(serial_number) - Extracts the minute from a time. SECOND(serial_number) - Extracts the second from a time. NETWORKDAYS(start_date, end_date, [holidays]) -Counts workdays (Mon Fri) between two dates.

WORKDAY(start_date, days, [holidays]) — Returns the date after adding a number of workdays.

EDATE(start_date, months) – Returns a date offset by a number of months.

EOMONTH(start_date, months) — Returns the last day of the month, offset by a number of months.

DATEDIF(start_date, end_date, unit) – Returns the difference between two dates (units:

"Y","M","D","MD","YM","YD").

WEEKDAY(serial_number, [return_type]) – Returns the day of the week as a number.

WEEKNUM(serial_number, [return_type]) – Returns the week number of a date.

YEARFRAC(start_date, end_date, [basis]) – Returns the fraction of the year between two dates.

FILTER(array, include, [if_empty]) – Returns a filtered array based on a Boolean condition.

SORT(array, [sort_index], [sort_order], [by_col]) - Sorts an array.

SORTBY(array, by_array1, [sort_order1], ...) – Sorts an array based on one or more sort keys.

UNIQUE(array, [by_col], [exactly_once]) – Returns unique values from an array.

SEQUENCE(rows, [columns], [start], [step]) – Generates a sequence of numbers.

RAND() – Returns a random decimal between 0 and 1.

RANDBETWEEN(bottom, top) — Returns a random integer between two values.

TRANSPOSE(array) – Returns the transpose of a range or array.

MMULT(array1, array2) — Returns the matrix product of two arrays.

MINVERSE(array) — Returns the inverse matrix of an array.

SUMPRODUCT(array1, [array2], ...) — Multiplies corresponding components and returns the sum.