

EXCEL FUNCTION SHEET

EXCEL FUNCTIONS



Logical

AND	Test multiple conditions until all are true
OR	Generate the logical value TRUE
IF	Test for a specific condition
IFS	Test for multiple conditions
ISBLANK	Test and handle blank errors
ISERR	Test and handle #N/A errors
ISERROR	Test multiple conditions, return true or false
ISNA	Reverse arguments in results
ISNUMERIC	Test multiple conditions with OR
ISREF	Return multiple values, return first result
ISTEXT	Generate the logical value TRUE
NOT	Perform exclusive OR

Date and Time

DATE	Create a date with year, month, and day
DATEADD	Days, months, or years between two dates
DATEDIF	Convert a date in text format to a valid date
DAY	Day as a number (1-31) from a date
DAYNAME	Days between dates
DAYOFWEEK	Days between two dates in a 7-day week
EDATE	Shift days or months in future or past
EOMONTH	Last day of month & month in future or past
FORECAST.ETS	Model as a number (1-10) from a time
FORECAST.ETS.CONFINT	95% week number for a given date
FORECAST.ETS.INT	Minute as a number (0-59) from time
FORECAST.ETS.M	Month as a number (1-12) from a date
FORECAST.ETS.SEASON	Number of working days between two dates
FORECAST.ETS.STAT	Week days between two dates
GETPIVOTDATA	Current date and time
TIME	Seconds as a number (0-59) from a time
TIMEVALUE	Create a time with hours, minutes, and seconds
WORKDAY	Get a valid time from a text string
WORKDAY.INTL	Current date
WEEKDAY	Day of the week as a number
WEEKDAY.INTL	Week number for a given date
WEEKNUM	Date & working days in the future or past
WEEKNUM.INTL	Date & working days in the future or past
YEAR	Year from a date
YEARDIF	Number of a year between two dates

Lookup and Reference

ADDRESS	Convert cell address from row and column numbers
COUNT	Get the number of cells in a reference
COUNTA	Get a value from a list based on position
COUNTBLANK	Get the count number of a reference
COUNTIF	Get number of cells in a range or reference
COUNTIFS	Return first value from a data type
INDEX	Get the formula in a cell
INDIRECT	Return data from a pivot table in a formula
MAX	Look up a value in a table arranged horizontally
MAXA	Convert a variable list

MAXIFS	Get a value in a list or table based on conditions
MIN	Create a reference from text
MINA	Look up a value in a pivot table range
MINIFS	Get the position of a value in an array
MINIFS	Create a reference from first given starting point
MINIFS	Get the row number of a reference
MINIFS	Get the number of rows in an array or reference
MINIFS	Get the number of rows in a range of cells
MINIFS	Look up a value in a table by matching first column

Text

CHAR	Get a character from a number
CONCAT	Join two or more text strings
CONCATENATE	Get the length of a character
CONCATENATE	Join text values without separator
CONCATENATE	Join text together
CONCATENATE	Convert a number to text in currency format
CONCATENATE	Concatenate text strings
CONCATENATE	Get location substring in a string
CONCATENATE	Format number as text with fixed decimals
CONCATENATE	Extract text from the left of a string
CONCATENATE	Get the length of text
CONCATENATE	Convert text to lower case
CONCATENATE	Extract text from inside a string
CONCATENATE	Convert text to number with custom separator
CONCATENATE	Capitalize the first letter in each word
CONCATENATE	Replace text based on location
CONCATENATE	Replace text as specified
CONCATENATE	Extract text from the right of a string
CONCATENATE	Get the location of substring in a string
CONCATENATE	Replace text based on position
CONCATENATE	Convert a number to text in a number format
CONCATENATE	Get text value with a formula
CONCATENATE	Remove extra spaces from text
CONCATENATE	Get Unicode character by number
CONCATENATE	Get number from character reference
CONCATENATE	Convert text to upper case
CONCATENATE	Convert text to a number

Dynamic Array

BYROW	Calculate array in rows to return array
BYCOL	Apply function to columns
BYROW	Apply function to rows
BYCOL	Return specific columns from an array
BYROW	Return specific rows from an array
BYCOL	Remove position of an array
BYROW	Expand array by adding rows or columns
BYCOL	Filter array with given criteria
BYROW	Custom array or array formula
BYCOL	Create custom formula
BYROW	Assign variables inside formula
BYCOL	Create array with calculated values

STDEV	Get standard deviation of a sample
STDEV	Get standard deviation of population
STDEV	Get standard deviation for a population
STDEV	Calculate mean including outliers
STDEV	Get variance of a sample
STDEV	Get variance of a population
STDEV	Get variance of a sample
STDEV	Get variance of a sample
STDEV	Get variance of a population
STDEV	Get variance of a population

Web

WEBSERVICE	Get data from a web service
WEBSERVICE	Get data from a web service
WEBSERVICE	Get data from a web service

Database

DAVERAGE	Get average from matching records
DCOUNT	Count matching records in a database
DCOUNTA	Count matching records in a database
DMIN	Get value from matching records
DMAX	Get max from matching records
DMIN	Get min from matching records
DMAX	Get product from matching records
DMIN	Get the deviation of sample in matching records
DMAX	Get the deviation of population in matching records
DMIN	Get min from matching records
DMAX	Get sample variance for matching records
DMIN	Get population variance for matching records

Web

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Database

DAVERAGE	Get average from matching records
DCOUNT	Count matching records in a database
DCOUNTA	Count matching records in a database
DMIN	Get value from matching records
DMAX	Get max from matching records
DMIN	Get min from matching records
DMAX	Get product from matching records
DMIN	Get the deviation of sample in matching records
DMAX	Get the deviation of population in matching records
DMIN	Get min from matching records
DMAX	Get sample variance for matching records
DMIN	Get population variance for matching records

Web

WEBSERVICE	Get data from a web service
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■ Includes short description of each function and grouped to assist with accessibility

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**Mark Berenson, David Levine, Kathryn
A Szabat, Timothy C Krehbiel**



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Microsoft Excel Functions Vol 1 Palani Murugappan,2014-07-01 For most of us today the personal computer has become part and parcel of our lives at home and the office Our daily routine involves a fair deal of analyzing data converting it to information and interpreting it With this in mind Microsoft Excel is used to perform the number crunching to achieve the desired result What this book focuses on is the many functions that can be used on a daily basis to analyze the data further before making a decision It touches on examples for calculating a salesperson s commission looking up a table to retrieve employee s details such as contact number salary age etc analyzing the best mode of delivery for a package retrieving supplier s credit limit and performing data validation for a given range or list Yes all this is possible using Microsoft Excel s built in functions the main focus of this book The book assumes that the reader is already familiar with the basics of Microsoft Excel such as copying editing formatting and performing basic calculations It is highlighted with visual graphics wherever possible to enhance the understanding of the reader further [EXPL MICROSOFT OFFC03 VOL1 and CAYF COM](#)

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