

Microsoft Excel 2010 Functions & Formulas Quick Reference Guide (4-page Cheat Sheet Focusing On Examples And Context For Intermediate-to-advanced Functions And Formulas- Laminated Guide)

Excel® 2010 Functions & Formulas

Glossary

Formula - A calculation or instruction that tells Excel what to do.

Function - A pre-defined formula that performs a specific calculation on data in a worksheet.

Argument - The values or references that a function uses to perform its calculation.

Operand - The values or references that a function uses to perform its calculation.

Operator - The symbols that tell Excel what to do with the operands.

Reference - A cell, range of cells, or named range that is used in a formula.

Conditionally Summing Data

The SUMIF and SUMIFS functions allow you to sum data based on one or more conditions.

SUMIF(criteria_range, criteria, sum_range)

SUMIFS(sum_range, criteria_range1, criteria1, criteria_range2, criteria2, ...)

Example: Sum of sales for products in the "Electronics" category.

Product	Sales
TV	1,200,000
Camera	800,000
Phone	1,500,000
Laptop	2,000,000
Tablet	1,800,000

Formula: `=SUMIF(A2:A6, "Electronics", B2:B6)` results in 6,300,000.

Being Precise (Rounding)

The ROUND, ROUNDUP, and ROUNDDOWN functions allow you to round numbers to a specified number of digits.

ROUND(number, num_digits)

ROUNDUP(number, num_digits)

ROUNDDOWN(number, num_digits)

Example: Round 123.456 to 2 decimal places.

Formula: `=ROUND(123.456, 2)` results in 123.46.

Improving Clarity with Range Names

Named ranges make formulas easier to read and maintain.

Example: Sum of sales for products in the "Electronics" category.

Formula: `=SUM(Electronics_Sales)`



Synopsis

Geared toward the intermediate to advanced user, this example-rich 4-page laminated quick reference guide provides explanations and context for many powerful functions and formulas. Step-by-step instructions for many function/formula-related features. This guide is suitable as a training handout, or simply an easy to use reference guide. The following topics include: Conditionally Summing Data (SUMIF, COUNTIF) Being Precise (Rounding functions) Improving Clarity with Range Names Merging Text and Numbers (CONCATENATE, TEXT, LEFT, RIGHT, MID, LEN, FIND, VALUE, TRIM, SUBSTITUTE) Changing Results: IF, AND, OR Table Lookups (VLOOKUP, HLOOKUP, INDEX, MATCH) Error Recovery (ISNA, ISERROR) Array Formulas (Single Cell & Multi-Cell Arrays) Dates and Times (DATE, YEAR, MONTH, DAY, TODAY, WEEKDAY, NETWORKDAY) Using a Formula for Data Validation Troubleshooting: Types of Errors, Automatic Error Checking, Using the Error Checker, Show/Hide Formulas, Watching Cells, Evaluating Nested Formulas, Selecting Related Cells, Displaying Cell Relationships, Removing Relationship Arrows. This guide is one of several titles available for Excel 2010: Excel 2010 Introduction; Excel 2010 Tables, PivotTables, Sorting & Filtering; Advanced & Macros; Charts & Sparklines; Functions & Formulas.

Book Information

Pamphlet: 4 pages

Publisher: Beezix Inc. (April 15, 2011)

Language: English

ISBN-10: 1936220253

ISBN-13: 978-1936220250

Product Dimensions: 11 x 8.5 x 0.4 inches

Shipping Weight: 0.3 ounces (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars Â Â See all reviews Â (144 customer reviews)

Best Sellers Rank: #25,199 in Books (See Top 100 in Books) #14 in Â Books > Computers & Technology > Software > Microsoft > Microsoft Excel #17 in Â Books > Computers & Technology > Software > Microsoft > Microsoft Office

Customer Reviews

This sheet is a great tool that eases the need to remember certain formula configurations. Been looking for something like this for some time and now use it constantly. I recommend this for the simple reason that it is simple, concise and easy to read/use.

Bought several of these for different Microsoft products that we use at work. Some of my co-workers who don't use the programs that often found them very useful for finding quick answers to their questions.

this card covers all the things you need when doing functions or formulas in excel - great to have it in one card

This is excellent as a quick reference for people not well versed in Excel. I use it all the time as I'm learning Excel in my "older years" and the memory needs jogged at times. This is a great resource to keep on my desk and doesn't take the space of those huge Excel Bibles! I love this handy reference, it's laminated well and doesn't come apart.

Perfect to keep as a summary. I have a binder with all my notes for my computer. This is excellent. Rather than always searching in books, I can refer to this sheet. I can put it in my binder and refer to it when I want to find a function or formula quickly. I use books, but I like to store reference sheets, information in one place. This is great

I expected a long list of common formula names and a brief explanation of each one. Instead it showed a few formulas with a long description of each. I should have just gone to an actual bookstore for this.

Nifty tool to help with newer version of Excel, which has dramatically changed from prior version. Can't go wrong with the price either!

I got several different ones of these for different programs. Some are quite basic and some are more advanced. I have not used them a lot so far, but intend to. I would say they are worth the price just to save you the frustration and time of looking up how to do something on the program.....SHALOM.....Brother Randahl

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