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Chapter 1 : Control+Shift+Enter: Mastering Excel Array Formulas DVD ROM

This is a 30 video playlist of videos that teaches about Excel Array Formulas. This is the same series of videos that has been released on DVD.

Array Formulas are a powerful tool in Excel. Excel Array Formulas are mysterious, even to people who use Excel 40 hours a week. Start with the secret keystroke that must be used to finish an Array Formula: Then, you have to know which functions will work with Arrays and which will not. Once you get a grasp on Array Formulas, you will find they solve problems that regular Excel Formulas can not solve, or would require hundreds of thousands of regular Formulas. Although elusive, Array Formulas can be used to solve everyday Excel problems. If you need to figure out how many times your birthday fell on a Friday, an Array Formula can solve that. If you need to return a unique list of sales reps from a Database, an Array Formula can solve that. How does this book approach Array Formulas? This book systematically lists the aspects, elements and guidelines for array formulas. Array formulas can be insanely difficult. But there are times when an array formula is the only way to accomplish a task. Array formulas can beat filtering, sorting and pivot tables because array formulas will automatically update when the input cells change. Why should you read this book: You love Excel magic and wizardry. Your idea of fun is making Excel do the impossible with a formula. You know how to create formulas and want to take the next leap in Excel, into the upper echelon of creating advanced formulas. You cringe when a co-worker sends a workbook with formulas wrapped in curly braces. You have heard about array formulas and know that in some situations, they are the most efficient solution, but you have no idea how to create them. You use array formulas and are aware of some of the drawbacks they present such as slow formula calculation time , and you would like to learn how to create more efficient array formulas. The two products cover the same broad topics related to creating efficient array formulas. However, the video has kinetic visuals of how array formulas work and less detail than the book. The book has a more complete story and systematic presentation of array formulas. If you really want to master array formulas, study both the book and the DVD.

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Chapter 2 : Create an array formula - Office Support

Ctrl+Shift+Enter Mastering Excel Array Formulas has ratings and 8 reviews. Wenguy said: Dear Mike,Great work! There are many excellent examples and.

Jul 20, Wenguy rated it it was amazing Dear Mike, Great work! There are many excellent examples and I learned a lot of Excel tricks from Youtube. Excel is fun really! I learned a lot from him through his YouTube channel. So when Mike Girvin published news about the array formulas book I was looking forward to it. I was about to buy a paper copy but since the e-book version became available first - I went with it. I have been using Excel for a several years so I have a lot of experience with this application. Before I read the book I could create some array formulas but because there was no good documentation out there - my knowledge on that was inconsistent and with gaps. This is the first book about array formulas from the beginning to the end out there on the market! Is this book for you? You will not find stories in this book! Pure knowledge on writing array formulas and efficiency. Mike compares them to pivot tables, regular formulas with helper columns, database functions, advanced filter and others to find the most optimal solution to the problem or the situation you have got. He is also timing the formulas calculation to show which solution is fastest and most efficient. In almost every example Mike describes advantages and disadvantages of various solutions in a tabular, easy to read form. I have read first half of the book in 2 days: That information filled the gaps I mentioned earlier. The second half of the book gets more hardcore so I spent more time on that: The rule for the book is simple - the bigger page number is, the more advanced formulas and solutions you can find: The important thing - you can download the files accompanying the book. And what is more important - the files are well prepared and consistent with the book.

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Chapter 3 : Ctrl + Shift + Enter - MrExcel Products - MrExcel Publishing

Beginning with an introduction to array formulas, this manual examines topics such as how they differ from ordinary formulas, the benefits and drawbacks of their use, functions that can and cannot handle array calculations, and array constants and functions.

The answer should be 2,, Select the range of cells that contains the current array formula E2: E11 , plus the empty cells E E17 that are next to the new data. In other words, select cells E2: Press F2 to switch to edit mode. Excel updates the formula in cells E2 through E11 and places an instance of the formula in the new cells, E12 through E The new grand total should be 2,, Disadvantages of using array formulas Array formulas are great, but they can have some disadvantages: It can happen to even the most experienced Excel users. Remember to press this key combination whenever you enter or edit an array formula. Other users of your workbook might not understand your formulas. In practice, array formulas are generally not explained in a worksheet. Therefore, if other people need to modify your workbooks, you should either avoid array formulas or make sure those people know about any array formulas and understand how to change them, if they need to. Depending on the processing speed and memory of your computer, large array formulas can slow down calculations. Top of Page Learn about array constants Array constants are a component of array formulas. Because array constants are a component of array formulas, you surround the constants with braces by manually typing them. If you separate the items by using commas, you create a horizontal array a row. If you separate the items by using semicolons, you create a vertical array a column. To create a two-dimensional array, you delimit the items in each row by using commas and delimit each row by using semicolons. In the two row array, the first row is 1, 2, 3, and 4, and the second row is 5, 6, 7, and 8. A single semicolon separates the two rows, between 4 and 5. As with array formulas, you can use array constants with most of the built-in functions that Excel provides. The following sections explain how to create each kind of constant and how to use these constants with functions in Excel. Create one-dimensional and two-dimensional constants The following procedures will give you some practice in creating horizontal, vertical, and two-dimensional constants. Create a horizontal constant Use the workbook from the previous examples, or create a new workbook. Select cells A1 through E1. The following result is displayed. Create a vertical constant In your workbook, select a column of five cells. Create a two-dimensional constant In your workbook, select a block of cells four columns wide by three rows high. Use constants in formulas Here is a simple example that uses constants: In the sample workbook, create a new worksheet. The value 85 appears in cell A3. The next section explains how the formula works. Array constant syntax The formula you just used contains several parts. Array constant The last element inside the parentheses is the array constant: Remember that Excel does not surround array constants with braces; you actually type them. Because Excel performs operations on expressions enclosed in parentheses first, the next two elements that come into play are the values stored in the workbook A1: E1 and the operator. At this point, the formula multiplies the values in the stored array by the corresponding values in the constant. To avoid using the stored array and to just keep the operation entirely in memory, replace the stored array with another array constant: You can use numbers in the integer, decimal, and scientific formats. If you include text, you need to surround the text with quotation marks ". In other words, they can contain only text or numbers that are separated by commas or semicolons. Naming array constants One of the best way to use array constants is to name them. Named constants can be much easier to use, and they can hide some of the complexity of your array formulas from others. To name an array constant and use it in a formula, do the following: The Define Name dialog box appears. In the Name box, type Quarter1. In the Refers to box, enter the following constant remember to type the braces manually: Click OK, and then select a row of three blank cells. When you use a named constant as an array formula, remember to enter the equal sign. Finally, keep in mind that you can use combinations of text and numbers. Some elements might not be separated with the proper character. If you omit a comma or semicolon, or if you put one in the

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wrong place, the array constant might not be created correctly or you might see a warning message. Array constants in action The following examples demonstrate a few of the ways in which you can put array constants to use in array formulas. Multiply each item in an array Create a new worksheet, and then select a block of empty cells four columns wide by three rows high.

Chapter 4 : Guidelines and examples of array formulas - Office Support

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Chapter 5 : Mike Girvin (Author of Ctrl+Shift+Enter Mastering Excel Array Formulas)

Ctrl+Shift+Enter Mastering Excel Array Formulas Do the Impossible with Excel Formulas Thanks to Array Formula Magic. By Mike Girvin. COMPUTERS. Pages, x

Chapter 6 : Ctrl+Shift+Enter: Mastering Excel Array Formulas - PDF Free Download - Fox eBook

Ctrl+Shift+Enter: A Book About Building Efficient Formulas, Advanced Formulas, and Array Formulas for Data Analysis and Calculating Problems. Designed with Excel gurus in mind, this handbook outlines how to create formulas that can be used to solve everyday problems with a series of data values that standard Excel formulas cannot or would be too arduous to attempt.

Chapter 7 : Ctrl+Shift+Enter Array Formula PDF e-Book

Ctrl+Shift+Enter: A Book About Building Efficient Formulas, Advanced Formulas, and Array Formulas for Data Analysis and Calculating Problems by Mike Excelisfun Girvin () Paperback out of 5 stars

Chapter 8 : Excel Array formula | Exceljet

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Chapter 9 : Excel Array Formulas Explained | Free Microsoft Excel Tutorials

The DVD 'Ctrl+Shift+Enter: Mastering Excel Array Formulas' is a separate product from this book. The two products cover the same broad topics related to creating efficient array formulas. The two products cover the same broad topics related to creating efficient array formulas.