



Module 58: VLOOKUP with MAX

58.1 VLOOKUP with MAX

You can use VLOOKUP with MAX function to look up the highest value in any data set.

The MAX function will identify the highest value in a data set and the VLOOKUP function will return any specific data you ask it to within that row. When using VLOOKUP with MAX you will need to use two separate formulas to see both the MAX value and the data you are searching for.

For example, in a table with student test marks you would use the MAX function to return the highest mark, and a VLOOKUP function to see which student achieved it.

The first is a standard MAX function: `=MAX(column)`

To see which student achieved this mark you use the VLOOKUP function:
`=VLOOKUP(MAX(Column),Table,Col_num,0)`

Column: The column in which the MAX data you need is stored.

Table: The full table of data.

The first column selected needs to be the column, which has the MAX data you need.

Col_num: The column in which the data you need returned is stored. If it is the sixth column in the table array, use the number 6. If you don't need the MAX data shown, the VLOOKUP formula can be used on its own.

58.2 Instructional Video

VLOOKUP with MAX - 2m 52s

58.3 Task

Estimated Time: 10 minutes

Download the worksheet that accompanies this video by clicking below. Once downloaded, follow the video above and you will see how to use VLOOKUP with MAX.

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