



Module 2 : AND Function

2.1 AND Function

The AND function is used to check whether multiple conditions in a single set are TRUE.

If a single condition is not met then the AND function will return a FALSE. Up to 255 conditions can be checked with AND in a single formula.

The formula is written as:

`=AND(cell>"logical1", cell>"logical2")`

logical1: The first condition to evaluate.

logical2: The second (optional) condition to evaluate.

The ">" can also be replaced with different conditions, such as "<" or "=" if you wish to use AND to check for a value that is lower than or equal to the one within a cell.

Note: In the video example, you will notice the AND function written in a nested format - like `=AND(condition1, AND(condition2, AND(condition3)))`. This works the same way as a single AND function with multiple conditions. We use the nested version to demonstrate how formulas can be built up step-by-step or to make the structure clearer in more complex logic.

The AND function is usually used in conjunction with an IF function. You can use it to return a

specific result, rather than a TRUE or FALSE.

The formula is written as: `=IF(AND(cell>"logical1", cell>"logical2")"value1", "value2")`

Value1 = The value to return if a logical condition is returned as TRUE

Value2 = The value to return if a logical condition is returned as FALSE

2.2 Video Instruction

AND Formula - 2m 24s

2.3 Task

Estimated Time: 10 minutes

Download the worksheet that accompanies this video by clicking below. Once downloaded, you can follow the video above as a reference and you will see how the results are reached for the AND formula.

[Download Worksheet](#)

[Download Worksheet - Without Formula](#)

Please note: we don't currently have any additional exercises (as we had in the beginner's course), but we hope to add some at a later date.

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