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, 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

Option #2: Worksheet without formula
Download Worksheet

[Tweet "I just completed Module 2 of the Microsoft Excel Advanced Course"]