



Offset



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9.7k

The Offset function in Excel returns a cell or range of cells that is a specified number of rows and columns from a cell or range of cells.

1. The Offset function below returns the cell that is 3 rows below and 2 columns to the right of cell A2. The Offset function returns a cell because the height and width are both set to 1.

	A	B	C	D	E	F	G	H	I
1		Sales							
2	Month	East	West						
3	Jan	510	1010						
4	Feb	605	1467						
5	Mar	648	1034						
6	Apr	155	1030						
7	May	691	588						
8	Jun	861	694		=OFFSET(A2,3,2,1,1)				
9	Jul	379	1219						
10	Aug	317	610						
11	Sep	928	1159						
12	Oct	340	746						
13	Nov	443	1213						
14	Dec	934	1209						
15									
16									

Result:

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E8		fx		=OFFSET(A2,3,2,1,1)						
	A	B	C	D	E	F	G	H	I	
1	Sales									
2	Month	East	West							
3	Jan	510	1010							
4	Feb	605	1467							
5	Mar	648	1034							
6	Apr	155	1030							
7	May	691	588							
8	Jun	861	694		1034					
9	Jul	379	1219							
10	Aug	317	610							
11	Sep	928	1159							
12	Oct	340	746							
13	Nov	443	1213							
14	Dec	934	1209							
15										
16										

2. The Offset function below returns the 1 x 2 range that is 5 rows below and 1 column to the right of cell A2. The SUM function calculates the sum of this range.

COU...		X ✓ fx		=SUM(OFFSET(A2,5,1,1,2)						
	A	B	C	D	E	F	G	H	I	
1	Sales									
2	Month	East	West							
3	Jan	510	1010							
4	Feb	605	1467							
5	Mar	648	1034							
6	Apr	155	1030							
7	May	691	588							
8	Jun	861	694		1034					
9	Jul	379	1219		=SUM(OFFSET(A2,5,1,1,2)					
10	Aug	317	610							
11	Sep	928	1159							
12	Oct	340	746							
13	Nov	443	1213							
14	Dec	934	1209							
15										
16										

Result:

E9		fx		=SUM(OFFSET(A2,5,1,1,2))						
	A	B	C	D	E	F	G	H	I	
1	Sales									
2	Month	East	West							
3	Jan	510	1010							
4	Feb	605	1467							
5	Mar	648	1034							
6	Apr	155	1030							
7	May	691	588							
8	Jun	861	694		1034					
9	Jul	379	1219		1279					
10	Aug	317	610							
11	Sep	928	1159							
12	Oct	340	746							
13	Nov	443	1213							
14	Dec	934	1209							
15										
16										

Note: to return a range (without calculating the sum), select a range of the same size before you insert the Offset function. If you want to return a cell or range of cells that is a specified number of rows above or columns to the left, enter a negative number.

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