

How does the Excel COUNTBLANK function work?

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June 29, 2024

RECOMMENDED CITATION

stats writer (2024). *How does the Excel COUNTBLANK function work?*. PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=157921>

The Excel COUNTBLANK function is a built-in formula that counts the number of blank cells within a selected range. It works by scanning through the specified range and identifying any cells that do not contain any data or have been left blank. The function then returns the total count of these blank cells, providing a quick and efficient way to assess the amount of empty space within a given data set. This feature is particularly useful for data analysis and organization, as it allows users to easily identify and manage missing or incomplete information.

Excel COUNTBLANK Function

COUNTBLANK Function

The **COUNTBLANK** function is a premade function in Excel, which counts blank cells in a range.

It is typed =COUNTBLANK

Note: The **COUNTBLANK** function is helpful to find empty cells in a range.

How to use the =COUNTBLANK function:

Select a cellType =COUNTBLANKDouble click the **COUNTBLANK** commandSelect a rangeHit enter

Let's see some examples!

Apply the =COUNTBLANK function to range C2:C21, to find the Pokemons which do not have a 2nd Type:

	A	B	C	D
1	Name	Type 1	Type 2	Total stats
2	Mankey	Fighting		305
3	Poliwrath	Water	Fighting	510
4	Victreebel	Grass	Poison	490
5	Tentacool	Water	Poison	335
6	Magnetron	Electric	Steel	465
7	Dewgong	Water	Ice	475
8	Cloyster	Water	Ice	525
9	Onix	Rock	Ground	385
10	Dragonair	Dragon		420
11	Pidgeotto	Normal	Flying	349
12	Rattata	Normal		253
13	Beedrill	Bug	Poison	395
14	Doduo	Normal	Flying	310
15	Kingler	Water		475
16	Nidoqueen	Poison	Ground	505
17	Hitmonchan	Fighting		455
18	Charmeleon	Fire		405
19	Arbok	Poison		438
20	Gastly	Ghost	Poison	310
21	Magikarp	Water		200
22				
23				
24				

COUNTBLANK function, step by step:

Select C23Write =COUNTBLANKDouble click **COUNTBLANK** in the menuSelect range C2:C21Hit enter

	A	B	C	D	E	F	G	H	I
1	Name	Type 1	Type 2	Total stats					
2	Mankey	Fighting		305					
3	Poliwrath	Water	Fighting	510					
4	Victreebel	Grass	Poison	490					
5	Tentacool	Water	Poison	335					
6	Magnetron	Electric	Steel	465					
7	Dewgong	Water	Ice	475					
8	Cloyster	Water	Ice	525					
9	Onix	Rock	Ground	385					
10	Dragonair	Dragon		420					
11	Pidgeotto	Normal	Flying	349					
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13	Beedrill	Bug	Poison	395					
14	Doduo	Normal	Flying	310					
15	Kingler	Water		475					
16	Nidoqueen	Poison	Ground	505					
17	Hitmonchan	Fighting		455					
18	Charmeleon	Fire		405					
19	Arbok	Poison		438					
20	Gastly	Ghost	Poison	310					
21	Magikarp	Water		200					
22									
23			=COUNTBLANK						
24			 COUNTBLANK	Counts the number of empty cells in a specified range of cells					
25									

	A	B	C	D
1	Name	Type 1	Type 2	Total stats
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18	Charmeleon	Fire		405
19	Arbok	Poison		438
20	Gastly	Ghost	Poison	310
21	Magikarp	Water		200
22				
23			=COUNTBLANK(C2:C21	
24			COUNTBLANK (range)	
25				

	A	B	C	D
1	Name	Type 1	Type 2	Total stats
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3	Poliwrath	Water	Fighting	510
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22				
23			8	
24				
25				

The COUNTBLANK function successfully counted 8 blank cells in the range C2:C21.

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