

22 – Summation

Summation functions

Function	Argument	Default
SUM	number1	
	[number2]	
	etc.	
SUBTOTAL	function_num	
	ref1	
	[ref2]	
	etc.	

Summation – SUM

Example

	A	B	C	D	E	F	G	H
1								
2	x	SUM						
4		Sum the Sales.						
5							premium -->>	100
6								
7							=SUM(G14:G24)	
8								
9								
10								
11	x	Data						
13								
14		Id	Name	Location	Type	Date	Sales	Flag
15		1	Customer A	Seattle, WA	Brick-and-Mortar	01/05/21	100	Non Premium
16		2	Customer B	Myrtle Beach, SC	Distributor	01/20/21	150	Premium
17		3	Customer C	Omaha, NE	eCommerce	01/25/21	90	Non Premium
18		4	Customer D	Baltimore, MA	Discount	02/09/21	75	Non Premium
19		5	Customer E	Jacksonville, FL	Convenience Store	02/24/21	210	Premium
20		6	Customer A	Las Vegas, NV	Distributor	03/11/21	85	Non Premium
21		7						Zero
22								
23								
24	x	END						

Result and arguments

Result: 710

- Sum the values together

Argument	Default	Input	Value
number1		G14:G24	{"Sales";100;...}

Summation – SUBTOTAL

Example

	A	B	G	H	I	J	K	L	
1									
2	x	SUBTOTAL							x
4		Subtotal the Sales.							
5			premium -->>	100					
6									
7			710	<<-- SUM					
8			710	<<-- SUBTOTAL (9...include hidden)					
9			=SUBTOTAL(109,\$G\$14:\$G\$24)		9...exclude hidden)				
10									
11	x	Data							x
13									
14		Id	Nante	Sales	Flag				
16		2	Cus0/21	150	Premium				
19		5	Cus4/21	210	Premium				
21		7			Zero				
22									
23									
24	x	END							x

Result and arguments

Result: 360

- Sum the values together based on function_num (include/exclude hidden cells)

Argument	Default	Input	Value
function_num		109	
ref1		\$G\$14:\$G\$24	{"Sales";100;150;...}

Enumeration	Description
function_num	1 to 11 – include hidden cells
{1 to 11; 101 to 111}	101 to 111 – exclude hidden cells
	1 / 101 – AVERAGE; 2 / 102 – COUNT; 3 / 103 – COUNTA; 4 / 104 – MAX; 5 / 105 – MIN; 6 / 106 – PRODUCT; 7 / 107 – STDEV.S; 8 / 108 – STDEV.P; 9 / 109 – SUM; 10 / 110 – VAR.S; 11 / 111 – VAR.P