MICROSOFT EXCEL FORMULAS



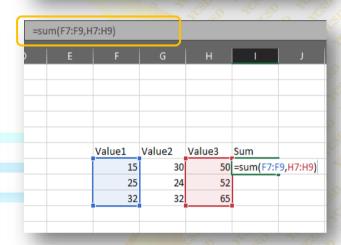
1) SUM Formula

- = SUM(A1:A5)
- = SUM(A1+A2+A3+A4+A5)
- = SUM(A1,A2,A3,A4,A5)
- = SUM(A1:A3,A4:A5)

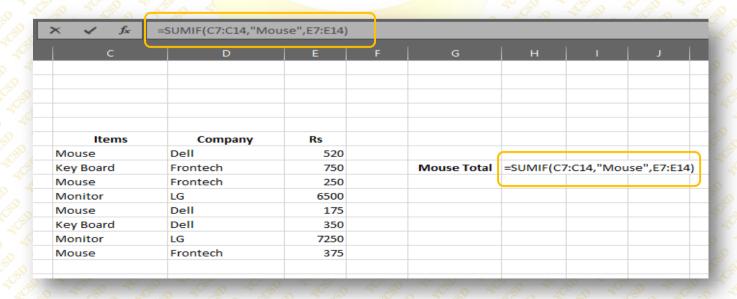
f _x =sum(F7:H7)	,				
D E	F	G	Н	- 1	
4					
				_	
	Value1	Value2		Sum	
4	15	30	50	=sum(F7:F	17)
	25	24	52		
1	32	32	65		

	=su	m(F7+G7+	H7)		AL A		
5	,	E	F	G	Н	1	J
			Value1	Value2		Sum	
			15	30	50	=sum(F7+	G 7+ H7)
			25	24	52		
			32	32	65		
				7 7 6	2 - 4		7 100

=su	m(F7,G7,H	17)			_	
9	E	F	G	Н	1	J
S						
<						
Y		Value1	Value2	Value3	Sum	
		15	30	50	=sum(F7,G	7,H7)
Ġ		25	24	52		
4		32	32	65		
5	100					

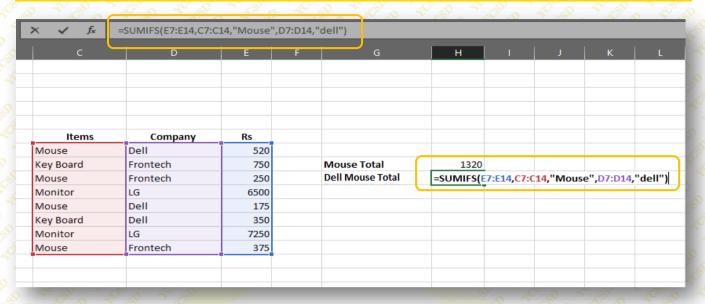


2) SUMIF Formula



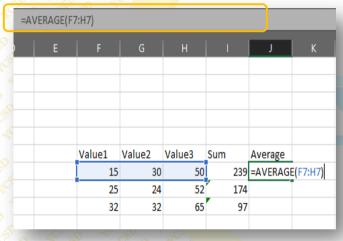


3) SUMIFS Formula



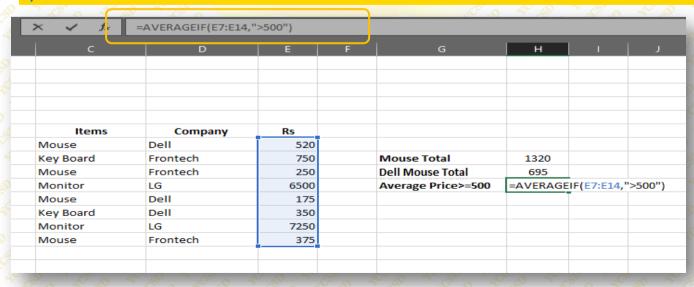
4) AVERAGE Formula

- = AVERAGE (A1:A3)
- = AVERAGE(A4/3)



=A	VERAGE(17,	/3)					
	E	F	G	Н	- 1	J	К
		Value1	Value2	Value3	Sum	Average	
		15	30	50		=AVERAG	(17/3)
		25	24	52	174		
		32	32	65	97		

5) AVERAGEIF Formula



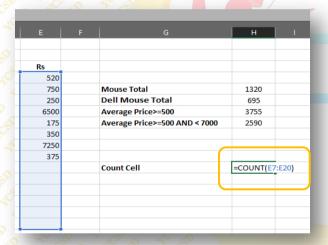


6) AVERAGEIFS Formula

Items	√ f _x	=AVERAGEIFS(E7:E14	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, , , , , , ,	., ., ., .,		
Mouse Dell 520 Key Board Frontech 750 Mouse Total 1320 Mouse Frontech 250 Dell Mouse Total 695 Monitor LG 6500 Average Price>=500 3755 Mouse Dell 175 Average Price>=500 AND < 7000 2590 Key Board Dell 350 AVERAGEIFS (E7:E14, E7:E14, ">500", E7:E14, "<7000")	С	D	E	F	G	Н	1
Mouse Dell 520 Mouse Total 1320 Key Board Frontech 750 Mouse Total 1320 Mouse Frontech 250 Dell Mouse Total 695 Monitor LG 6500 Average Price>=500 3755 Mouse Dell 175 Average Price>=500 AND < 7000							
Mouse Dell 520 Mouse Total 1320 Key Board Frontech 750 Mouse Total 1320 Mouse Frontech 250 Dell Mouse Total 695 Monitor LG 6500 Average Price>=500 3755 Mouse Dell 175 Average Price>=500 AND < 7000							
Mouse Dell 520 1320 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
Mouse Dell 520 1320 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
Mouse Dell 520 Key Board Frontech 750 Mouse Total 1320 Mouse Frontech 250 Dell Mouse Total 695 Monitor LG 6500 Average Price>=500 3755 Mouse Dell 175 Average Price>=500 AND < 7000	Items	Company	Rs				
Mouse Frontech 250 Dell Mouse Total 695 Monitor LG 6500 Average Price>=500 3755 Mouse Dell 175 Average Price>=500 AND < 7000							
Monitor LG 6500 Average Price>=500 3755 Mouse Dell 175 Average Price>=500 AND < 7000	Key Board	Frontech	750		Mouse Total	1320	
Mouse Dell 175 Average Price>=500 AND < 7000 2590 Key Board Dell 350 Monitor LG 7250 =AVERAGEIFS(E7:E14,E7:E14,">500", E7:E14, "<7000")	Mouse	Frontech	250		Dell Mouse Total	695	
Key Board Dell 350 Monitor LG 7250 =AVERAGEIFS(E7:E14,E7:E14,">500", E7:E14, "<7000")	Monitor	LG	6500		Average Price>=500	3755	
Monitor LG 7250 =AVERAGEIFS(E7:E14, E7:E14, E7	Mouse	Dell	175		Average Price>=500 AND < 700	0 2590	
	Key Board	Dell	350				
Mouse Frontech 375	Monitor	LG	7250	=A\	/ERAGEIFS(E7:E14,E7:E14,	,">500", E7:E14,	"<7000")
	Mouse	Frontech	375				

7) COUNT Formula

The Excel COUNT function returns a count of values that are numbers. Numbers include negative numbers, percentages, dates, times, fractions, and formulas that return numbers. Empty cells and text values are ignored.



E	F	G	H
Rs			
520			
750		Mouse Total	1320
250		Dell Mouse Total	695
6500		Average Price>=500	3755
175		Average Price>=500 AND < 7000	2590
350			
7250			
375			
		Count Cell	8

D	E	F	G	Н
Company	Rs			
Dell	520			
Frontech	750		Mouse Total	1320
Frontech	250		Dell Mouse Total	695
LG	6500		Average Price>=500	3755
Dell	175		Average Price>=500 AND < 7000	2590
Dell	350			
LG	7250			
Frontech	375			
			Count Cell	8
			Count Cell	=COUNT(D7:D18)
á				

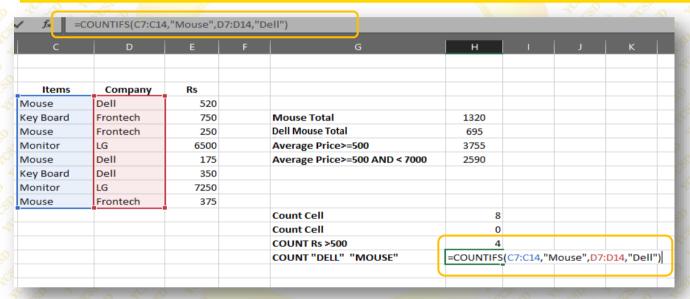
Mouse Total	1320
Dell Mouse Total	695
Average Price>=500	3755
Average Price>=500 AND < 7000	2590
Count Cell	8
Count Cell	0



8) COUNTIF Formula

С	D	E	F	G	Н	Ι.
Items	Company	Rs				
Mouse	Dell	520				
Key Board	Frontech	750		Mouse Total	1320	
Mouse	Frontech	250		Dell Mouse Total	695	
Monitor	LG	6500		Average Price>=500	3755	
Mouse	Dell	175		Average Price>=500 AND < 7000	2590	
Key Board	Dell	350				
Monitor	LG	7250				
Mouse	Frontech	375				
				Count Cell	8	
				Count Cell	0	
				COUNT Rs >500	=COUNTIF(E	7:E14,">500")

9) COUNTIFS Formula



10) MAX Formula

Е	F	G	н
Rs			
520	Ī		
750		Mouse Total	1320
250		Dell Mouse Total	695
6500		Average Price>=500	3755
175		Average Price>=500 AND < 7000	2590
350			
7250			
375	1		
		Count Cell	8
		Count Cell	0
		COUNT Rs >500	4
		COUNT "DELL" "MOUSE"	2
		Maximum RS	=MAX(E7:E14)

Mouse Total	1320
Dell Mouse Total	695
Average Price>=500	3755
Average Price>=500 AND < 7000	2590
Count Cell	8
Count Cell	0
COUNT Rs >500	4
COUNT "DELL" "MOUSE"	2
Maximum RS	7250



11) MAXIFS Formula

С	D	E	F	G	Н	1	J	
Items	Company	Rs						
Mouse	Dell	520						
Key Board	Frontech	750		Mouse Total	1320			
Mouse	Frontech	250		Dell Mouse Total	695			
Monitor	LG	6500		Average Price>=500	3755			
Mouse	Dell	175		Average Price>=500 AND < 7000	2590			
Key Board	Dell	350						
Monitor	LG	7250						
Mouse	Frontech	375						
				Count Cell	8			
				Count Cell	0			
				COUNT Rs >500	4			
				COUNT "DELL" "MOUSE"	2			
				Maximum RS	7250			5
				Maximum RS Dell	=MAXIFS(E	7:E14,D7:D14,	'Dell")	
	Items Mouse Key Board Mouse Monitor Mouse Key Board Mouse Key Board Monitor	Items Company Mouse Dell Key Board Frontech Mouse Frontech Monitor LG Mouse Dell Key Board Dell Monitor LG	Items Company Rs Mouse Dell 520 Key Board Frontech 750 Mouse Frontech 250 Monitor LG 6500 Mouse Dell 175 Key Board Dell 350 Monitor LG 7250	Items Company Rs Mouse Dell 520 Key Board Frontech 750 Mouse Frontech 250 Monitor LG 6500 Mouse Dell 175 Key Board Dell 350 Monitor LG 7250	Items	Items	Items Company Rs Mouse Dell 520 Key Board Frontech 750 Mouse Total 1320 Mouse Frontech 250 Dell Mouse Total 695 Monitor LG 6500 Average Price>=500 3755 Mouse Dell 175 Average Price>=500 AND < 7000	Items Company Rs Mouse Dell 520 Key Board Frontech 750 Mouse Total 1320 Mouse Frontech 250 Dell Mouse Total 695 Monitor LG 6500 Average Price>=500 3755 Mouse Dell 175 Average Price>=500 AND < 7000

Mouse Total	1320
Dell Mouse Total	695
Average Price>=500	3755
Average Price>=500 AND < 7000	2590
Count Cell	8
Count Cell	0
COUNT Rs >500	4
COUNT "DELL" "MOUSE"	2
Maximum RS	7250
Maximum RS Dell	520

12) MIN Formula

	Е	F	G	н
	Rs			
	520			
	750		Mouse Total	1320
	250		Dell Mouse Total	695
	6500		Average Price>=500	3755
	175		Average Price>=500 AND < 7000	2590
	350		Count Cell	8
	7250		Count Cell	0
Ш	375		COUNT Rs >500	4
Ш			COUNT "DELL" "MOUSE"	2
			Maximum RS	7250
			Maximum RS Dell	520
			Minimum Rs	=MIN(E7:E14)

Mouse Total	1320
Dell Mouse Total	695
Average Price>=500	3755
Average Price>=500 AND < 7000	2590
Count Cell	8
Count Cell	0
COUNT Rs >500	4
COUNT "DELL" "MOUSE"	2
Maximum RS	7250
Maximum RS Dell	520
Minimum Rs	175

13) MINIFS Formula

	.40	0 3	1		
D	E	F	G	н	l J
Company	Rs				
Dell	520				
Frontech	750		Mouse Total	1320	
Frontech	250		Dell Mouse Total	695	
LG	6500		Average Price>=500	3755	
Dell	175		Average Price>=500 AND < 7000	2590	
Dell	350		Count Cell	8	
LG	7250		Count Cell	0	
Frontech	375		COUNT Rs >500	4	
			COUNT "DELL" "MOUSE"	2	
			Maximum RS	7250	
			Maximum RS Dell	520	
			Minimum Rs	175	
			Minimum Rs LG	=MINIFS(E7	:E14,D7:D14,"LG")
	Company Dell Frontech Frontech LG Dell Dell LG	Company Rs Dell 520 Frontech 750 Frontech 250 LG 6500 Dell 175 Dell 350 LG 7250	Company Rs Dell 520 Frontech 750 Frontech 250 LG 6500 Dell 175 Dell 350 LG 7250	Company Rs Dell 520 Frontech 750 Mouse Total Frontech 250 Dell Mouse Total LG 6500 Average Price>=500 Dell 175 Average Price>=500 AND < 7000	Company Rs Dell 520 Frontech 750 Mouse Total 1320 Frontech 250 Dell Mouse Total 695 LG 6500 Average Price>=500 3755 Dell 175 Average Price>=500 AND < 7000

Mouse Total	1320
Dell Mouse Total	695
Average Price>=500	3755
Average Price>=500 AND < 7000	2590
Count Cell	8
Count Cell	0
COUNT Rs >500	4
COUNT "DELL" "MOUSE"	2
Maximum RS	7250
Maximum RS Dell	520
Minimum Rs	175
Minimum Rs LG	6500



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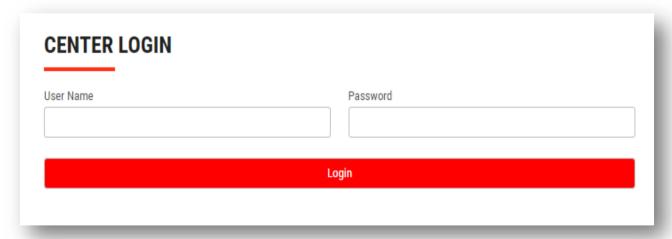
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