



CONTENT

- 1. Objectives
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Objective

Perform operations over a table's column

The operations are performed according to a set of user-defined criteria

Combination of mathematical and statistical operations over tables/ranges with criteria also used in advanced filters

Allow performing conditional operations on a column

Database functions all have the same structure:

FUNCTION(database; column; table of criteria)

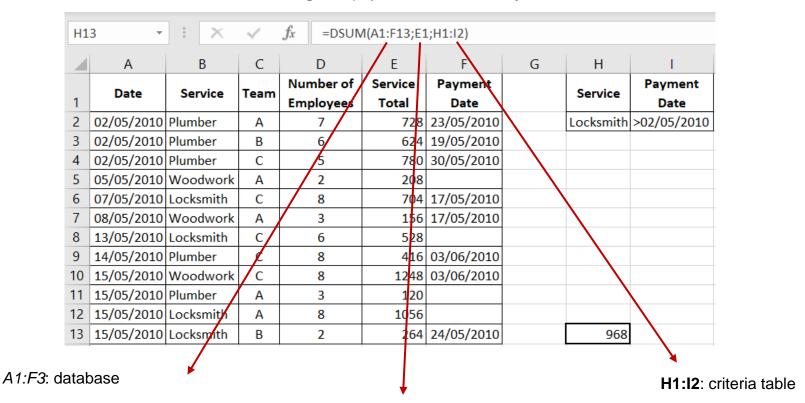
DSUM (1)

Obtain the total value of the services of Plumbing with payment date after May 2nd, 2010

Н1	3 -	i ×	✓ fx =DSUM(A1:F13;E1;H1:I2)							
	Α	В	С	D	Е	F	G /	Н	1	
1	Date	Service	Team	Number of Employees	Service Total	Payment Date	(Service	Payment Date	
2	02/05/2010	Plumber	Α	7	728	23/05/2010		Locksmith	>02/05/2010	1st step:
3	02/05/2010	Plumber	В	6	624	19/05/2010				
4	02/05/2010	Plumber	С	5	780	30/05/2010				It is manda
5	05/05/2010	Woodwork	Α	2	208					define a ta
6	07/05/2010	Locksmith	С	8	704	17/05/2010				
7	08/05/2010	Woodwork	Α	3	156	17/05/2010				the criteria
8	13/05/2010	Locksmith	С	6	528					
9	14/05/2010	Plumber	С	8	416	03/06/2010				
10	15/05/2010	Woodwork	С	8	1248	03/06/2010				
11	15/05/2010	Plumber	Α	3	120					
12	15/05/2010	Locksmith	Α	8	1056					
13	15/05/2010	Locksmith	В	2	264	24/05/2010		968		

DSUM (2)

Obtain the total value of the services of Plumbing with payment date after May 2nd, 2010

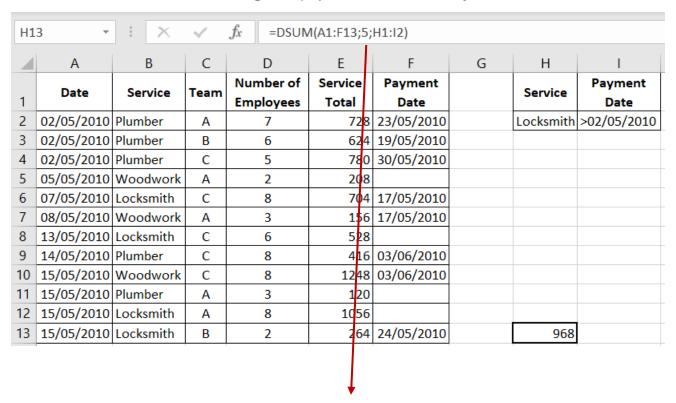


E1: cell with the title of the column to use



DSUM (3)

Obtain the total value of the services of Plumbing with payment date after May 2nd, 2010

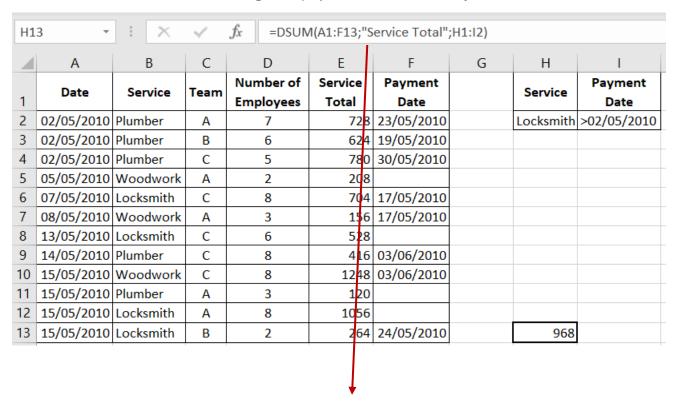


5: ordinal number of the column to use



DSUM (4)

Obtain the total value of the services of Plumbing with payment date after May 2nd, 2010



"Service Total": title of the column to use



DSUM (4)

Obtain the total value of the services of Plumbing of team C with payment date after May 2nd, 2010

H13 \rightarrow : \times \checkmark f_x =DSUM(A1:F13;"Service Total";H1:J2)											
4	Α	В	С	D	Е	F	G	Н	1	J	
	Date	Service	Team	Number of	Service	Payment		Service	Team	Payment	
1				Employees	Total	Date		Service		Date	
2	02/05/2010	Plumber	Α	7	728	23/05/2010		Locksmith	С	>02/05/2010	
3	02/05/2010	Plumber	В	6	624	19/05/2010					
4	02/05/2010	Plumber	С	5	780	30/05/2010					
5	05/05/2010	Woodwork	Α	2	208						
6	07/05/2010	Locksmith	С	8	704	17/05/2010					
7	08/05/2010	Woodwork	Α	3	156	17/05/2010					
8	13/05/2010	Locksmith	С	6	528						
9	14/05/2010	Plumber	С	8	416	03/06/2010					
10	15/05/2010	Woodwork	С	8	1248	03/06/2010					
11	15/05/2010	Plumber	Α	3	120						
12	15/05/2010	Locksmith	Α	8	1056						
13	15/05/2010	Locksmith	В	2	264	24/05/2010		704			



Do conhecimento à prática.