How can I use MINIFS in Google Sheets? Can you provide some examples?”

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MINIFS is a function in Google Sheets that allows users to find the minimum value in a range of cells based on one or more criteria. By using this function, users can quickly and easily filter data to find the smallest value that meets specific conditions. For example, MINIFS can be used to find the minimum sales amount for a particular product or the minimum temperature on a specific date. Overall, this function is a useful tool for organizing and analyzing data in Google Sheets.

Use MINIFS in Google Sheets (With Examples)

You can use the MINIFS function in Google Sheets to find the minimum value in a range, filtered by a set of criteria.

This function uses the following basic syntax:

=MINIFS(range, criteria_range1, criteria1,)

The following examples show how to use this syntax in practice.

Example 1: Use MINIFS with One Criterion

Suppose we have the following dataset that shows the points scored by 15 different basketball players:

	A	B	C	D	E
1	**Team**	**Position**	**Points**		
2	A	Guard	29		
3	A	Guard	30		
4	A	Forward	32		
5	A	Forward	35		
6	A	Forward	28		
7	B	Guard	22		
8	B	Guard	17		
9	B	Guard	19		
10	B	Forward	23		
11	B	Forward	26		
12	C	Guard	19		
13	C	Guard	15		
14	C	Forward	14		
15	C	Forward	19		
16	C	Forward	21		
17					
18					
19					
20					
21					

We can use the following formula to calculate the minimum points scored IF the player is on team A:

=MINIFS(C2:C16, A2:A16,"A")

The following screenshot shows how to use this formula in practice:

E1 =MINIFS(C2:C16, A2:A16, "A")

	A	B	C	D	E
1	**Team**	**Position**	**Points**		28
2	A	Guard	29		
3	A	Guard	30		
4	A	Forward	32		
5	A	Forward	35		
6	A	Forward	28		
7	B	Guard	22		
8	B	Guard	17		
9	B	Guard	19		
10	B	Forward	23		
11	B	Forward	26		
12	C	Guard	19		
13	C	Guard	15		
14	C	Forward	14		
15	C	Forward	19		
16	C	Forward	21		
17					
18					
19					
20					

We can see that the minimum points value among players on team A is 28.

Example 2: Use MINIFS with Multiple Criteria

Suppose we have the same dataset that shows the points scored by 15 different basketball players:

	A	B	C	D	E
1	**Team**	**Position**	**Points**		
2	A	Guard	29		
3	A	Guard	30		
4	A	Forward	32		
5	A	Forward	35		
6	A	Forward	28		
7	B	Guard	22		
8	B	Guard	17		
9	B	Guard	19		
10	B	Forward	23		
11	B	Forward	26		
12	C	Guard	19		
13	C	Guard	15		
14	C	Forward	14		
15	C	Forward	19		
16	C	Forward	21		
17					
18					
19					
20					
21					

We can use the following formula to calculate the minimum points scored IF the player is on team A *and* IF the player has a Guard position:

=MINIFS(C2:C16, A2:A16,"A", B2:B16, "Guard")

The following screenshot shows how to use this formula in practice:

E1 =MINIFS(C2:C16, A2:A16, "A", B2:B16, "Guard")

	A	B	C	D	E
1	**Team**	**Position**	**Points**		29
2	A	Guard	29		
3	A	Guard	30		
4	A	Forward	32		
5	A	Forward	35		
6	A	Forward	28		
7	B	Guard	22		
8	B	Guard	17		
9	B	Guard	19		
10	B	Forward	23		
11	B	Forward	26		
12	C	Guard	19		
13	C	Guard	15		
14	C	Forward	14		
15	C	Forward	19		
16	C	Forward	21		
17					
18					
19					
20					

We can see that the minimum points value among players who are on team A *and* have a Guard position is 29.

Note: In these examples we used the MINIFS() function with one criterion and two criterion, but you can use the same syntax to use as many criterion as you'd like.