

How can I use multiple criteria in a Google Sheets query?

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May 12, 2024

RECOMMENDED CITATION

stats writer (2024). *How can I use multiple criteria in a Google Sheets query?*.
PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=143810>

The use of multiple criteria in a Google Sheets query allows users to filter and organize data based on specific conditions. By combining multiple criteria, users can refine their search and obtain more specific results from their spreadsheet data. This feature is particularly useful in organizing large sets of data and can be easily applied by using the "QUERY" function in Google Sheets. By specifying multiple criteria, users can efficiently analyze and manipulate their data to meet their specific needs.

Google Sheets Query: Use Multiple Criteria in Query

You can use the AND and OR operators to perform a Google Sheets query with multiple criteria.

Example of AND Operator:

```
=QUERY(A2:C10,"select A, B, C where A contains 'Hello' and C > 10")
```

Example of OR Operator:

```
=QUERY(A2:C10,"select A, B, C where A contains 'Hey' or C = 10")
```

The following examples show how to use each operator in practice.

Example 1: Google Sheets Query Using AND Operator

Suppose we have the following dataset in Google

Sheets that contains information about various basketball teams:

	A	B	C	D	E
1	Team	Conference	Points	Assists	
2	Hornets	East	78	14	
3	Hawks	East	89	19	
4	Spurs	West	79	22	
5	Mavericks	West	93	24	
6	Rockets	West	94	18	
7	Nets	East	86	15	
8	Suns	West	89	29	
9	Warriors	West	94	23	
10	Magic	East	99	12	
11	Heat	East	103	16	
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We can use the following query to retrieve the teams that are in the East conference and scored more than 90 points:

```
=QUERY(A2:D11,"select A, B, C, D where B contains 'East' and C > 90")
```

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

A14 `=QUERY(A2:D11, "select A, B, C, D where B contains 'East' and C > 90")`

	A	B	C	D	E	F
1	Team	Conference	Points	Assists		
2	Hornets	East	78	14		
3	Hawks	East	89	19		
4	Spurs	West	79	22		
5	Mavericks	West	93	24		
6	Rockets	West	94	18		
7	Nets	East	86	15		
8	Suns	West	89	29		
9	Warriors	West	94	23		
10	Magic	East	99	12		
11	Heat	East	103	16		
12						
13						
14	Magic	East	99	12		
15	Heat	East	103	16		
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Notice that the Magic and the Heat are selected because they're the only two teams that meet both criteria specified in our query.

Example 2: Google Sheets Query Using OR Operator

Once again suppose we have the following dataset in Google Sheets:

	A	B	C	D	E
1	Team	Conference	Points	Assists	
2	Hornets	East	78	14	
3	Hawks	East	89	19	
4	Spurs	West	79	22	
5	Mavericks	West	93	24	
6	Rockets	West	94	18	
7	Nets	East	86	15	
8	Suns	West	89	29	
9	Warriors	West	94	23	
10	Magic	East	99	12	
11	Heat	East	103	16	
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					

=QUERY(A2:D11,"select A, B, C, D where B contains 'East' or C > 90")

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

A14 fx =QUERY(A2:D11, "select A, B, C, D where B contains 'East' or C > 90")

	A	B	C	D	E	F
1	Team	Conference	Points	Assists		
2	Hornets	East	78	14		
3	Hawks	East	89	19		
4	Spurs	West	79	22		
5	Mavericks	West	93	24		
6	Rockets	West	94	18		
7	Nets	East	86	15		
8	Suns	West	89	29		
9	Warriors	West	94	23		
10	Magic	East	99	12		
11	Heat	East	103	16		
12						
13						
14	Hornets	East	78	14		
15	Hawks	East	89	19		
16	Mavericks	West	93	24		
17	Rockets	West	94	18		
18	Nets	East	86	15		
19	Warriors	West	94	23		
20	Magic	East	99	12		
21	Heat	East	103	16		
22						
23						
24						

Every team that is selected met at least one of the criteria specified in our query.

That is, each team selected was either in the 'East' conference *or* they scored more than 90 points.

The following tutorials explain how to perform other common tasks with Google Sheet queries: