

How can I use the COUNT function in a Google Sheets query?

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RECOMMENDED CITATION

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PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=144414>

The COUNT function in a Google Sheets query is a powerful tool that allows users to quickly and accurately count the number of cells within a specified range that contain numerical values. This can be achieved by using the COUNT function within a query formula, which will return the total count of cells that meet the specified criteria. This function is particularly useful for analyzing large data sets and can help users easily summarize and organize their data. By using the COUNT function in a Google Sheets query, users can efficiently gather valuable insights and make informed decisions based on the data at hand.

Google Sheets Query: Use the COUNT Function

You can use the COUNT() function in a Google Sheets query to count the number of rows that meet certain conditions.

Method 1: Count Total Rows

```
=QUERY(A1:C13,"select count(A)")
```

Method 2: Count Total Rows that Meet One Criteria

```
=QUERY(A1:C13,"select count(A) where B>100")
```

Method 3: Count Total Rows that Meet Multiple Criteria

```
=QUERY(A1:C13,"select count(A) where A='Mavs' OR B>100")
```

```
=QUERY(A1:C13, "select count(A) where A='Mavs' AND
```

B>100")

The following examples show how to use each of these methods in practice.

Method 1: Count Total Rows

We can use the following formula to count the total number of teams:

E1		<i>fx</i>	=QUERY(A1:C13, "select count(A)")			
	A	B	C	D	E	
1	Team	Points	Rebounds		count Team	
2	Mavs	96	30		12	
3	Nets	93	22			
4	Hawks	94	28			
5	Heat	94	25			
6	Magic	99	25			
7	Spurs	105	26			
8	Rockets	103	28			
9	Hornets	95	33			
10	Suns	93	31			
11	Bucks	90	30			
12	Warriors	88	36			
13	Lakers	91	24			
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We can see that there are 12 total teams.

Example 2: Count Total Rows that Meet One Criteria

We can use the following formula to count the total number of teams where the points is greater than 100:

E1		<i>fx</i>	=QUERY(A1:C13, "select count(A) where B>100")		
	A	B	C	D	E
1	Team	Points	Rebounds		count Team
2	Mavs	96	30		2
3	Nets	93	22		
4	Hawks	94	28		
5	Heat	94	25		
6	Magic	99	25		
7	Spurs	105	26		
8	Rockets	103	28		
9	Hornets	95	33		
10	Suns	93	31		
11	Bucks	90	30		
12	Warriors	88	36		
13	Lakers	91	24		
14					

We can see that there are 2 teams that have over 100 points.

We can use the following formula to count the total number of teams that have *less than* 100 points:

E1		<i>fx</i>	=QUERY(A1:C13, "select count(A) where B<100")		
	A	B	C	D	E
1	Team	Points	Rebounds		count Team
2	Mavs	96	30		10
3	Nets	93	22		
4	Hawks	94	28		
5	Heat	94	25		
6	Magic	99	25		
7	Spurs	105	26		
8	Rockets	103	28		
9	Hornets	95	33		
10	Suns	93	31		
11	Bucks	90	30		
12	Warriors	88	36		
13	Lakers	91	24		
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We can see that 10 teams have less than 100 points.

Example 3: Count Total Rows that Meet Multiple Criteria

We can use the following formula to count the total number of teams where the team name is "Mavs" or where the points is greater than 100:

E1		<i>fx</i>	=QUERY(A1:C13, "select count(A) where A='Mavs' or B>100")			
	A	B	C	D	E	
1	Team	Points	Rebounds		count Team	
2	Mavs	96	30		3	
3	Nets	93	22			
4	Hawks	94	28			
5	Heat	94	25			
6	Magic	99	25			
7	Spurs	105	26			
8	Rockets	103	28			
9	Hornets	95	33			
10	Suns	93	31			
11	Bucks	90	30			
12	Warriors	88	36			
13	Lakers	91	24			
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We can see that 3 teams meet either of these criteria.

We can use the following formula to count the total number of teams where the points is greater than 90 *and* the rebounds is greater than 30:

E1	<i>fx</i>	=QUERY(A1:C13, "select count(A) where B>90 and C>30")			
	A	B	C	D	E
1	Team	Points	Rebounds		count Team
2	Mavs	96	30		2
3	Nets	93	22		
4	Hawks	94	28		
5	Heat	94	25		
6	Magic	99	25		
7	Spurs	105	26		
8	Rockets	103	28		
9	Hornets	95	33		
10	Suns	93	31		
11	Bucks	90	30		
12	Warriors	88	36		
13	Lakers	91	24		
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We can see that 2 teams meet both of these criteria.

The following tutorials explain how to perform other common operations with Google Sheets queries:

Google Sheets Query: How to Use Group By