

How can I use multiple IF statements in Google Sheets?

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Google Sheets allows users to use multiple IF statements in order to create complex logical expressions and perform various tasks. By using the IF function, users can set conditions and specify the actions to be taken if those conditions are met. By combining multiple IF statements with the AND or OR function, users can create more intricate conditions and perform different actions based on the outcome. This allows for more flexibility and customization in data analysis and decision making. Additionally, users can also use the IFERROR function to handle errors and display alternative results. Overall, using multiple IF statements in Google Sheets can greatly enhance the functionality and efficiency of data manipulation and analysis.

Use Multiple IF Statements in Google Sheets

You can use the following basic syntax to write multiple IF statements in one cell in Google Sheets:

```
=IF(A2<10,"Bad",IF(A2<20,"Okay",IF(A2<30,"Good","Great"))))
```

Here's what this syntax does:

If the value in cell A2 is less than 10, return the value "Bad" Otherwise, if the value in cell A2 is less than 20, return the value "Okay" Otherwise, if the value in cell A2 is less than 30, return the value "Good" Otherwise, return the value "Great"

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

Example 1: Use Multiple IF Statements in Google Sheets

Suppose we have the following column in Google Sheets that shows the points scored by various basketball players:

	A	B	C	D	
1	Points				
2	5				
3	6				
4	6				
5	8				
6	12				
7	14				
8	17				
9	20				
10	24				
11	29				
12	32				
13	35				
14					
15					
16					
17					
18					
19					
20					

We can use the following syntax to write multiple IF statements to classify the players as "Bad", "Okay", "Good", or "Great":

=IF(A2<10,"Bad",IF(A2<20,"Okay",IF(A2<30,"Good","Great"))))

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

B2 fx =IF(A2<10, "Bad", IF(A2<20, "Okay", IF(A2<30, "Good", "Great")))

	A	B	C	D	E	F
1	Points	Player Ranking				
2		5 Bad				
3		6 Bad				
4		6 Bad				
5		8 Bad				
6		12 Okay				
7		14 Okay				
8		17 Okay				
9		20 Good				
10		24 Good				
11		29 Good				
12		32 Great				
13		35 Great				
14						
15						
16						
17						
18						

Each player receives a classification based on their number of points scored.

Example 2: Use IFS Function in Google Sheets

An easier way to write multiple IF statements is to simply use the IFS function.

We can use the following syntax to write an IFS statement to classify the players as "Bad", "Okay",

"Good", or "Great":

**=IFS(A2<10,"Bad", A2<20,"Okay",
A2<30,"Good",A2>=30, "Great")**

B2		<i>fx</i>	=IFS(A2<10, "Bad", A2<20, "Okay", A2<30, "Good", A2>=30, "Great")			
	A	B	C	D	E	F
1	Points	Player Ranking				
2		5 Bad				
3		6 Bad				
4		6 Bad				
5		8 Bad				
6		12 Okay				
7		14 Okay				
8		17 Okay				
9		20 Good				
10		24 Good				
11		29 Good				
12		32 Great				
13		35 Great				
14						
15						
16						
17						
18						
19						

This produces the same results as the previous example.

Notice that this syntax is much easier to write because we don't have to write several nested IF statements.

Additional Resources

The following tutorials explain how to perform other common tasks in Google Sheets:

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