

How can I find the Nth unique value in Excel?

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Finding the Nth unique value in Excel refers to the process of identifying and extracting the Nth non-repeating value from a given list or range of data in an Excel spreadsheet. This can be achieved by using the built-in functions and features of Excel, such as the COUNTIF and INDEX functions, to filter and retrieve the unique values in the data set. By following these steps, users can easily locate and work with specific unique values in their data, making data analysis and manipulation more efficient and accurate.

Find the Nth Unique Value in Excel (With Example)

You can use the following formula to find the Nth unique value in a list in Excel:

```
=INDEX($A$2:$A$13,SMALL(IF(MATCH($A$2:$A$13,$A$2:$A$13,0)=ROW($A$2:$A$13)-ROW($A$2)+1,ROW($A$2:$A$13)-ROW($A$2)+1),3))
```

This particular formula returns the third unique value in the range A2:A13.

Note that the last 3 in the formula specifies that we'd like to find the third unique value in the range.

To look for a different nth unique value, simply change the 3 to a different number.

The following example shows how to use this formula in practice.

Example: Find Nth Unique Value in Excel

Suppose we have the following dataset that contains information about basketball players on various teams:

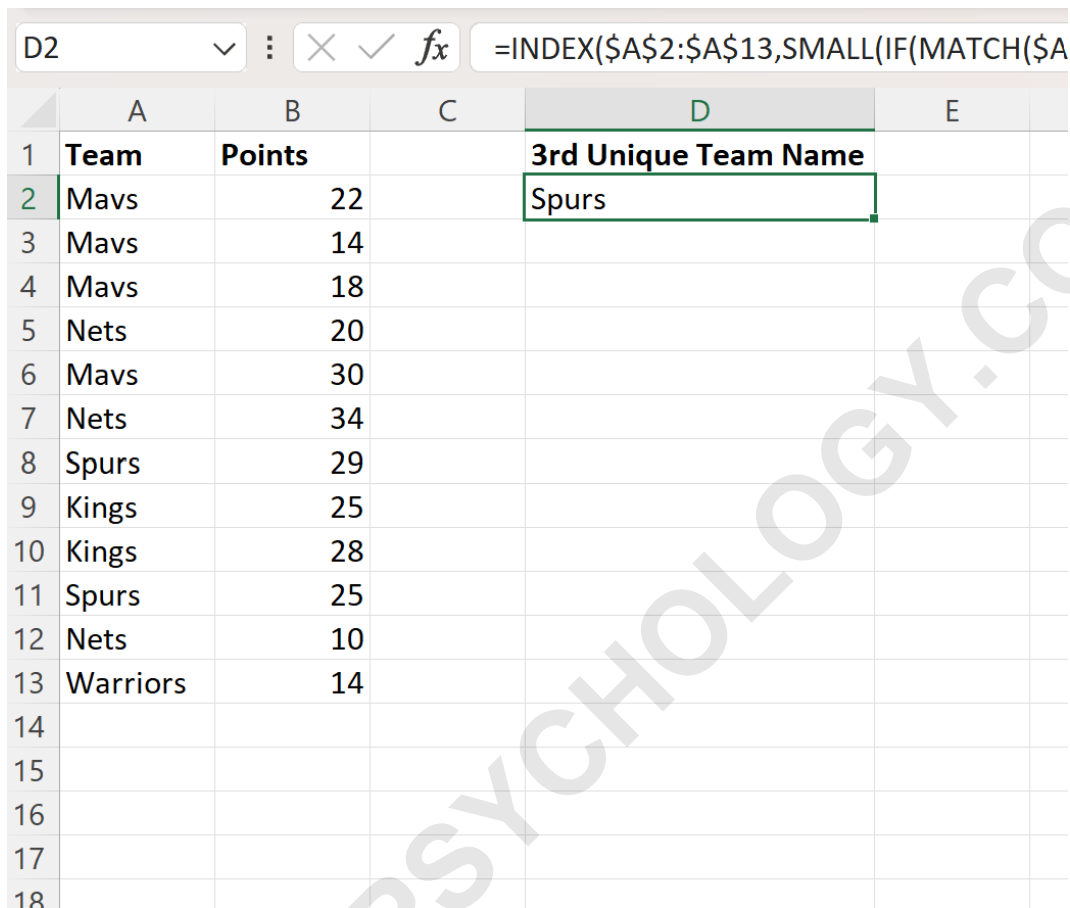
	A	B	C	D	E	F
1	Team	Points				
2	Mavs	22				
3	Mavs	14				
4	Mavs	18				
5	Nets	20				
6	Mavs	30				
7	Nets	34				
8	Spurs	29				
9	Kings	25				
10	Kings	28				
11	Spurs	25				
12	Nets	10				
13	Warriors	14				
14						
15						
16						
17						
18						

Suppose we would like to find the third unique name in the team column.

We can type the following formula into cell D2 to do so:

```
=INDEX($A$2:$A$13,SMALL(IF(MATCH($A$2:$A$13,$A$2:$A$13,0)=ROW($A$2:$A$13)-ROW($A$2)+1,ROW($A$2:$A$13)-ROW($A$2)+1),3))
```

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



The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E
1	Team	Points		3rd Unique Team Name	
2	Mavs	22		Spurs	
3	Mavs	14			
4	Mavs	18			
5	Nets	20			
6	Mavs	30			
7	Nets	34			
8	Spurs	29			
9	Kings	25			
10	Kings	28			
11	Spurs	25			
12	Nets	10			
13	Warriors	14			
14					
15					
16					
17					
18					

The formula bar for cell D2 shows: `=INDEX(A2:A13,SMALL(IF(MATCH($A`

The formula returns the team name **Spurs**, which is the third unique name in the team column.

We can verify that this is correct by using the following formula in cell E2 to list out each unique name in the team column:

=UNIQUE(A2:A13)

E2 X ✓ fx =UNIQUE(A2:A13)

	A	B	C	D	E
1	Team	Points		3rd Unique Team Name	Unique Teams
2	Mavs	22		Spurs	Mavs
3	Mavs	14			Nets
4	Mavs	18			Spurs
5	Nets	20			Kings
6	Mavs	30			Warriors
7	Nets	34			
8	Spurs	29			
9	Kings	25			
10	Kings	28			
11	Spurs	25			
12	Nets	10			
13	Warriors	14			
14					
15					
16					
17					
18					

From this list we can see that Spurs is indeed the third unique name in the team column.

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