

How can I find unique values from multiple columns using Excel?

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Finding unique values from multiple columns in Excel is a simple process that allows you to identify and extract distinct values from a dataset. By using the "Remove Duplicates" function in Excel, you can quickly eliminate any duplicate values within a selected range of columns and keep only the unique values. This function is useful for organizing and analyzing large sets of data, as it allows you to focus on the unique data points without the clutter of repetitive values. Additionally, you can use filters and pivot tables to further manipulate and analyze the unique values in your dataset. Overall, utilizing Excel's built-in functions and tools makes it easy to efficiently identify and extract unique values from multiple columns.

Excel: Find Unique Values from Multiple Columns

You can use the following formula to find unique values from multiple columns in Excel:

```
=INDIRECT(TEXT(MIN(IF(($A$2:$C$11<>"")*(COUNTIF($E$1:E1,$A$2:$C$11)=0),ROW($2:$11)*100+COLUMN($A:$C),7^8)),"R0C00"),)&"")
```

This particular formula finds the unique values in the cell range A2:C11 and returns a list of the unique values in column E.

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

Example: Find Unique Values from Multiple Columns in Excel

Suppose we have the following three lists of basketball team names in Excel:

	A	B	C	D	E	F
1	Team List 1	Team List 2	Team List 3			
2	Mavs	Magic	Spurs			
3	Spurs	Hornets	Heat			
4	Rockets	Spurs	Rockets			
5	Rockets	Warriors	Rockets			
6	Warriors	Lakers	Nets			
7	Nets	Spurs	Mavs			
8	Heat	Heat	Suns			
9	Lakers	Nets	Heat			
10	Rockets	Hornets	Nets			
11	Kings	Magic	Warriors			
12						
13						
14						
15						
16						
17						

To find the unique values from each of the three columns, we can use the following formula:

```
=INDIRECT(TEXT(MIN(IF(($A$2:$C$11<>"")*(COUNTIF($E$1:E1,$A$2:$C$11)=0),ROW($2:$11)*100+COLUMN($A:$C),7^8)),"R0C00"),)&"")
```

We can type this formula into cell E2 and press **Ctrl+Shift+Enter**:

	A	B	C	D	E	F
1	Team List 1	Team List 2	Team List 3			
2	Mavs	Magic	Spurs		Mavs	
3	Spurs	Hornets	Heat			
4	Rockets	Spurs	Rockets			
5	Rockets	Warriors	Rockets			
6	Warriors	Lakers	Nets			
7	Nets	Spurs	Mavs			
8	Heat	Heat	Suns			
9	Lakers	Nets	Heat			
10	Rockets	Hornets	Nets			
11	Kings	Magic	Warriors			
12						
13						
14						
15						

We can then click and drag this formula down to other cells in column E until blank values start appearing:

	A	B	C	D	E	F	G
1	Team List 1	Team List 2	Team List 3				
2	Mavs	Magic	Spurs		Mavs		
3	Spurs	Hornets	Heat		Magic		
4	Rockets	Spurs	Rockets		Spurs		
5	Rockets	Warriors	Rockets		Hornets		
6	Warriors	Lakers	Nets		Heat		
7	Nets	Spurs	Mavs		Rockets		
8	Heat	Heat	Suns		Warriors		
9	Lakers	Nets	Heat		Lakers		
10	Rockets	Hornets	Nets		Nets		
11	Kings	Magic	Warriors		Suns		
12					Kings		
13							
14							
15							
16							
17							
18							
19							
20							
21							

From the output we can see that there are 11 unique team names across the three columns of team names.

Note: To use this formula with more columns, simply modify the A2:C11 cell range in the formula to include more columns.

Additional Resources

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