How do I count by group in Excel?

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Counting by group in Excel is a useful function for organizing and analyzing data. To count by group, you can use the COUNTIF or COUNTIFS formula, which allows you to specify a criteria for counting specific data within a group. This can be especially helpful when dealing with large sets of data, as it allows you to easily track and compare information within different groups. By following a few simple steps, you can efficiently count by group in Excel and gain valuable insights from your data.

Count by Group in Excel

You can use the following formula to count the number of occurrences by group in an Excel spreadsheet:

=COUNTIF(group_range, criteria)

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

Example: Count by Group in Excel

Suppose we have the following dataset that shows the total points scored by 15 different basketball players:

	A	B	C	D	E	F	G
1	Player	Team	Points				
2	Andy	Lakers	14				
3	Bernard	Mavericks	29				
4	Collin	Lakers	34				
5	Doug	Mavericks	18				
6	Eric	Spurs	6				
7	Frank	Hornets	17				
8	Greg	Hornets	15				
9	Harry	Spurs	13				
10	Isaiah	Spurs	17				
11	John	Mavericks	22				
12	Kent	Mavericks	24				
13	Larry	Hornets	18				
14	Michael	Spurs	29				
15	Nate	Lakers	40				
16	Oscar	Spurs	20				
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18							
19							
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21							
22							
23							
24							

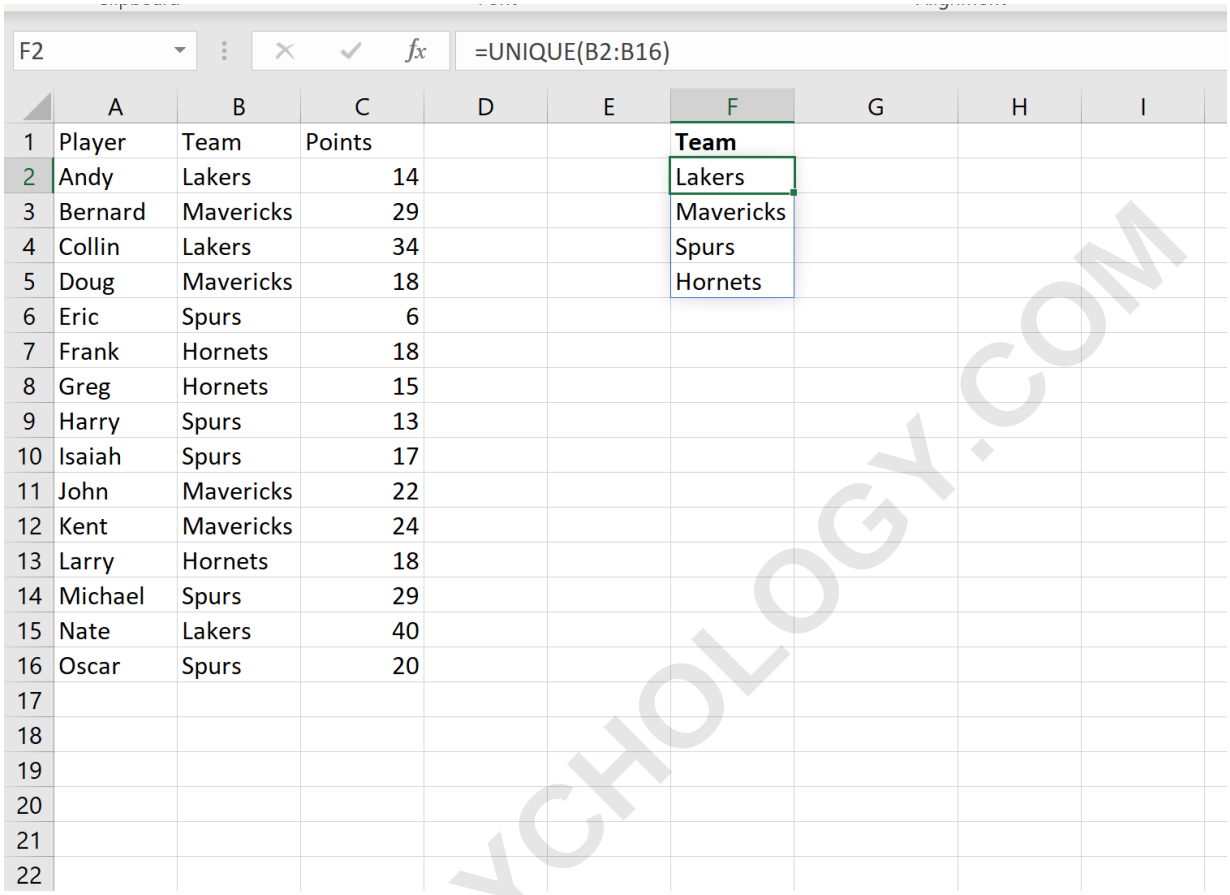
Now suppose we'd like to count the number of players, grouped by team.

To do so, we can use the =UNIQUE() function to first create a list of the unique teams. We'll type the following formula into cell F2:

=UNIQUE(B2:B16)

Once we press enter, a list of unique team names will

be displayed:



F2 =UNIQUE(B2:B16)

	A	B	C	D	E	F	G	H	I
1	Player	Team	Points			**Team**			
2	Andy	Lakers	14			Lakers			
3	Bernard	Mavericks	29			Mavericks			
4	Collin	Lakers	34			Spurs			
5	Doug	Mavericks	18			Hornets			
6	Eric	Spurs	6						
7	Frank	Hornets	18						
8	Greg	Hornets	15						
9	Harry	Spurs	13						
10	Isaiah	Spurs	17						
11	John	Mavericks	22						
12	Kent	Mavericks	24						
13	Larry	Hornets	18						
14	Michael	Spurs	29						
15	Nate	Lakers	40						
16	Oscar	Spurs	20						
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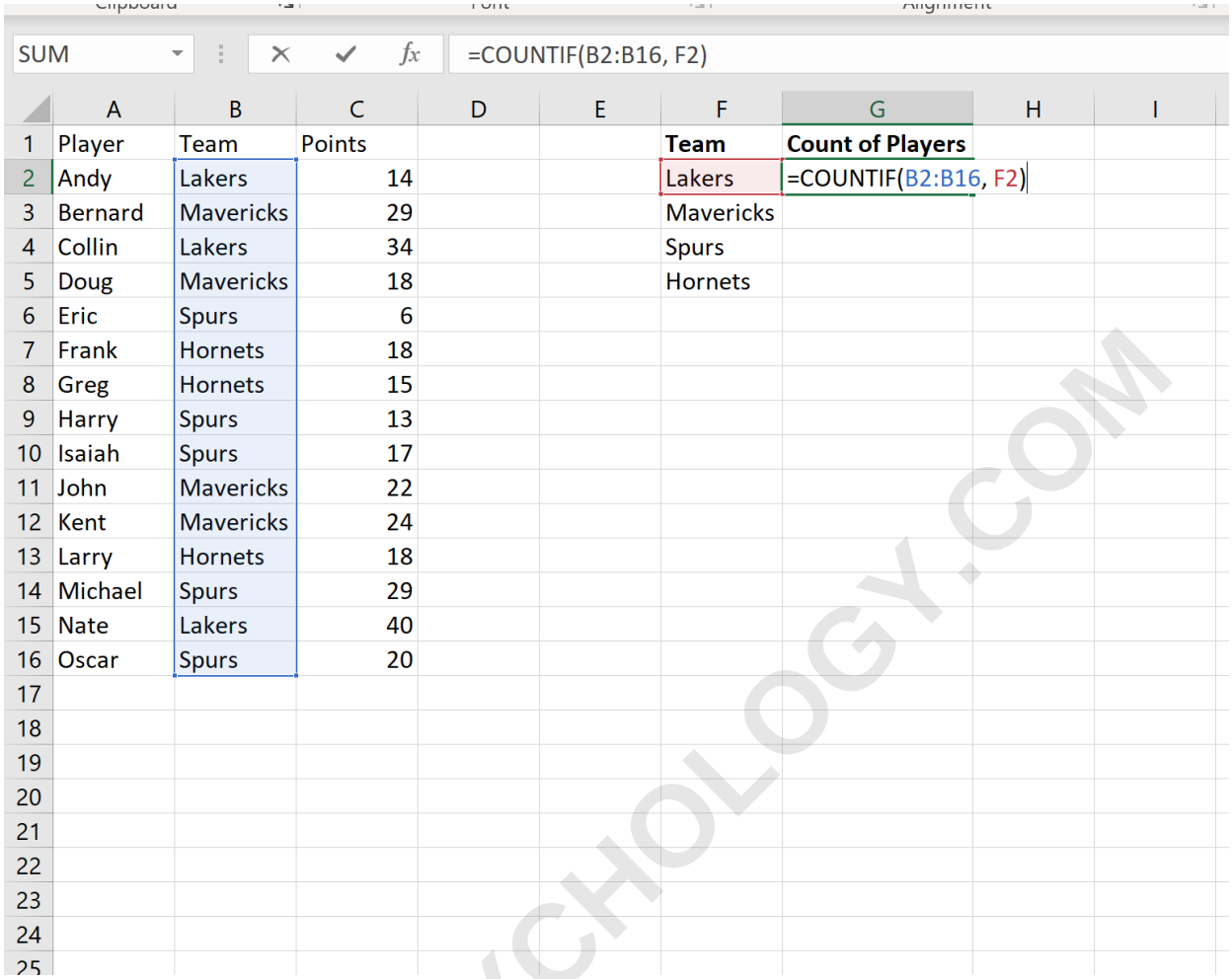
Next, we can use the =COUNTIF() function to find the count of players on each team.

We'll type in the following formula into cell G2:

=COUNTIF(B2:B16, F2)



	A	B	C	D	E	F	G	H	I
1	Player	Team	Points			**Team**	**Count of Players**		
2	Andy	Lakers	14			Lakers	=COUNTIF(B2:B16, F2)		
3	Bernard	Mavericks	29			Mavericks			
4	Collin	Lakers	34			Spurs			
5	Doug	Mavericks	18			Hornets			
6	Eric	Spurs	6						
7	Frank	Hornets	18						
8	Greg	Hornets	15						
9	Harry	Spurs	13						
10	Isaiah	Spurs	17						
11	John	Mavericks	22						
12	Kent	Mavericks	24						
13	Larry	Hornets	18						
14	Michael	Spurs	29						
15	Nate	Lakers	40						
16	Oscar	Spurs	20						
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We'll then copy and paste this formula into the remaining cells in column G:

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	A	B	C	D	E	F	G	H
1	Player	Team	Points			**Team**	**Count of Players**	
2	Andy	Lakers	14			Lakers	3	
3	Bernard	Mavericks	29			Mavericks	4	
4	Collin	Lakers	34			Spurs	5	
5	Doug	Mavericks	18			Hornets	3	
6	Eric	Spurs	6					
7	Frank	Hornets	18					
8	Greg	Hornets	15					
9	Harry	Spurs	13					
10	Isaiah	Spurs	17					
11	John	Mavericks	22					
12	Kent	Mavericks	24					
13	Larry	Hornets	18					
14	Michael	Spurs	29					
15	Nate	Lakers	40					
16	Oscar	Spurs	20					
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Column F displays each of the unique teams and column G displays the count of players on each team.

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