What is the formula to calculate average percentage in Excel and how can it be applied with examples?

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The formula for calculating the average percentage in Excel is "=AVERAGE(range)*100", where "range" refers to the cells containing the percentage values. This formula can be applied to find the average percentage of a set of data, such as grades or sales figures.

For example, if a teacher wants to find the average percentage of a class's test scores, they can input the scores into a column in Excel (e.g. A1:A10) and use the formula "=AVERAGE(A1:A10)*100" to calculate the average percentage. This will give the teacher the overall average percentage for the class's test scores.

Similarly, a sales manager can use this formula to find the average percentage increase in sales for a particular product. They can input the sales data for each month into a column (e.g. A1:A12) and use the formula "=AVERAGE(A1:A12)*100" to calculate the average percentage increase. This will give the manager an idea of the overall performance of the product over the course of the year.

In summary, the formula for calculating average percentage in Excel is a useful tool for analyzing and summarizing data. It can be applied in various scenarios to determine the average percentage of a set of values, providing valuable insights for decision making.

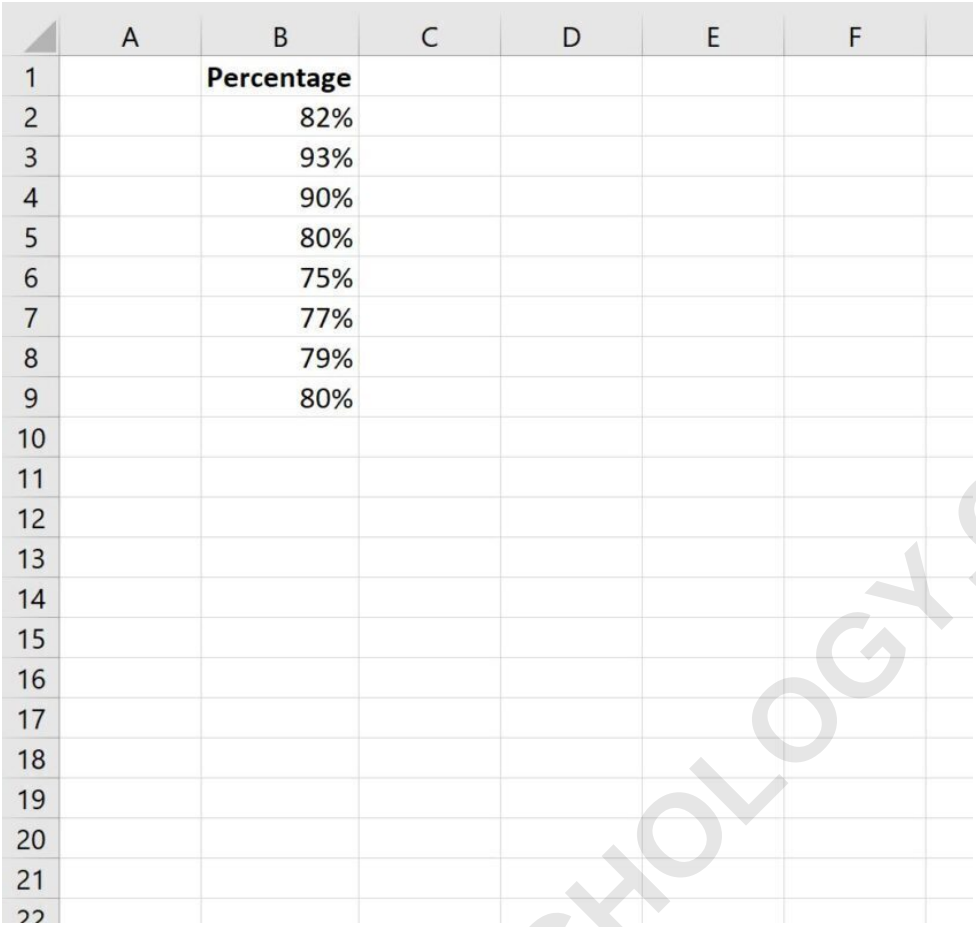
Calculate Average Percentage in Excel (With Examples)

Often you may want to calculate an average percentage of some dataset. Fortunately this is easy to do using built-in functions in Excel.

This tutorial provides two examples of how to calculate an average percentage in different scenarios.

Example 1: Calculate Average Percentage with Percentages Only

Suppose we have the following list of percentages in Excel:

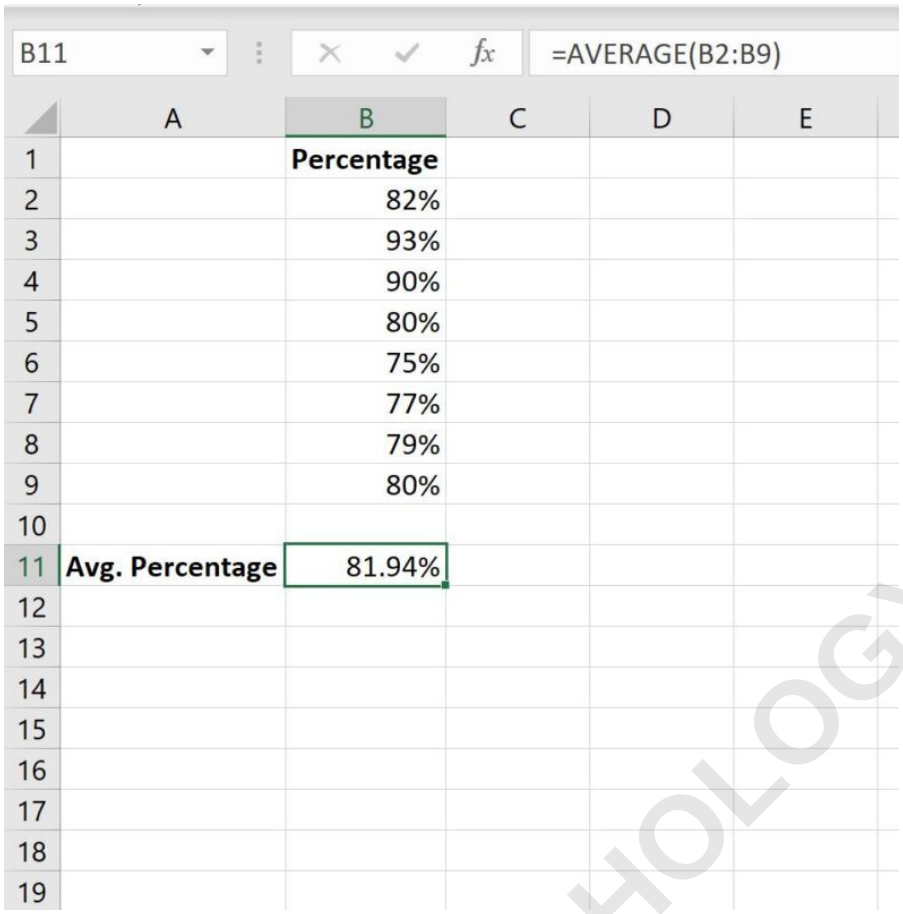


	A	B	C	D	E	F
1		Percentage				
2		82%				
3		93%				
4		90%				
5		80%				
6		75%				
7		77%				
8		79%				
9		80%				
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						

To calculate the average percentage, we can type the following formula into cell B11:

=AVERAGE(B2:B9)

Once we press Enter, the average percentage will be shown:



We can see that the average percentage is 81.94%.

Example 2: Calculate Average Percentage with Counts & Percentages

Suppose we administer a survey to parents, students, and teachers at a certain school and ask them if they would be in favor of a new school rule.

The following dataset shows the number of people who responded to the survey in each of the three groups along with the percentage of individuals in each group

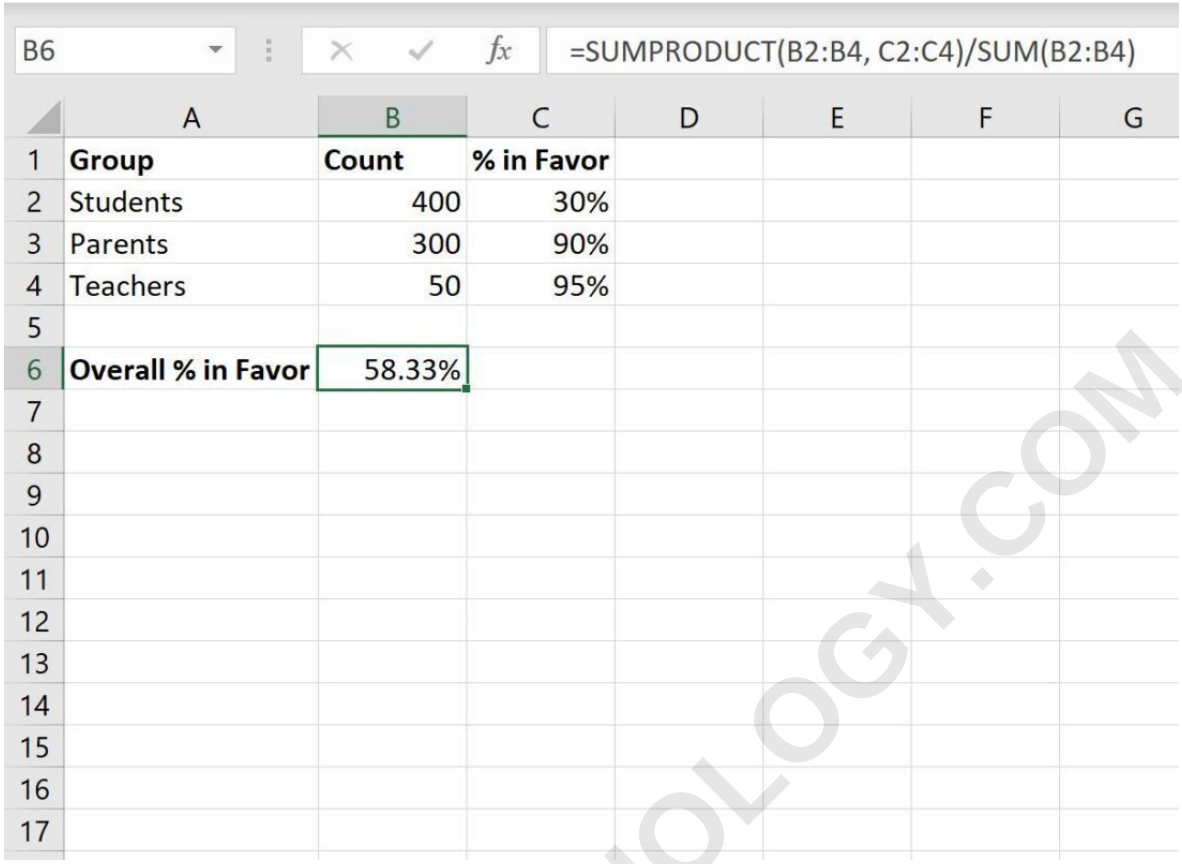
who are in favor of the new rule:

	A	B	C	D	E
1	**Group**	**Count**	**% in Favor**		
2	Students	400	30%		
3	Parents	300	90%		
4	Teachers	50	95%		
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					

We can use the following formula to calculate the average percentage of individuals who are in favor of the new rule across all three groups:

=SUMPRODUCT(B2:B4, C2:C4)/SUM(B2:B4)

The following screenshot shows how to use this formula:



	A	B	C	D	E	F	G
1	**Group**	**Count**	**% in Favor**				
2	Students	400	30%				
3	Parents	300	90%				
4	Teachers	50	95%				
5							
6	**Overall % in Favor**	58.33%					
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							

We can see that 58.33% of total individuals are in favor of the new rule.

We can verify that this is correct by manually calculating how many people were in favor of the rule from each group and then dividing by the total number of people:

% in Favor from Students = 400 * 30% = 120.% in Favor from Parents = 300 * 90% = 270.% in Favor from Teachers = 50 * 95% = 47.5.% All Individuals in Favor = (120+270+47.5) / 750 = 0.5833.

This matches the average percentage that we calculated using the SUMPRODUCT formula.

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