

How do I calculate the accuracy percentage in Excel?

Authored by
stats writer

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PSYCHOLOGICAL SCALES. Retrieved from <https://scales.arabpsychology.com/?p=147159>

Calculating the accuracy percentage in Excel can be done by following a simple formula. First, the correct data needs to be entered into the spreadsheet. Then, using the COUNTIF function, the number of correct entries can be counted. Next, the total number of entries needs to be counted using the COUNTA function. Finally, the accuracy percentage can be calculated by dividing the number of correct entries by the total number of entries and multiplying by 100. This will give the accuracy percentage in decimal form, which can be formatted to display as a percentage. This method can be useful for analyzing data and determining the accuracy of results in various fields such as finance, science, and education.

Calculate Accuracy Percentage in Excel

Accuracy percentage is a metric that is used to measure the accuracy of a predicted value relative to an actual value.

The closer the accuracy percentage is to 100%, the closer the predicted value is to the actual value.

The following step-by-step example shows how to calculate accuracy percentage in Excel.

Step 1: Create the Data

First, let's create a dataset that shows the predicted sales vs. actual sales in six different regions for some company:

	A	B	C	D	E
1	Region	Predicted Sales	Actual Sales		
2	North	40	50		
3	East	35	54		
4	South	45	50		
5	West	50	60		
6	Central	52	48		
7	Pacific	45	45		
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Step 2: Calculate Accuracy Percentage

Suppose we would like to calculate the accuracy percentage of each predicted sales value relative to the actual sales value for each region.

To do so, we can type the following formula into cell D2:

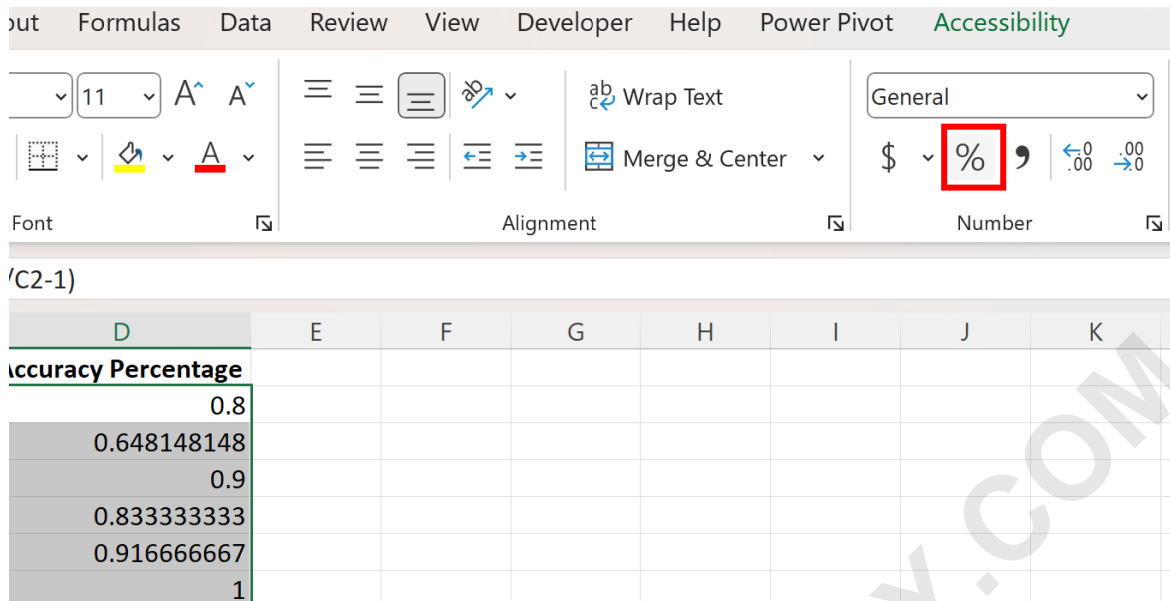
=1-ABS(B2/C2-1)

We can then click and drag this value down to each remaining cell in column D:

	A	B	C	D
1	Region	Predicted Sales	Actual Sales	Accuracy Percentage
2	North	40	50	0.8
3	East	35	54	0.648148148
4	South	45	50	0.9
5	West	50	60	0.833333333
6	Central	52	48	0.916666667
7	Pacific	45	45	1
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9				
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11				
12				
13				
14				
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16				

Step 3: Format Values as Percentage

Lastly, highlight the range D2:D7 and then click the percent (%) symbol within the Number group on the Home tab:



The values in column D will now be formatted as percentages:

	A	B	C	D	E
1	Region	Predicted Sales	Actual Sales	Accuracy Percentage	
2	North	40	50	80%	
3	East	35	54	65%	
4	South	45	50	90%	
5	West	50	60	83%	
6	Central	52	48	92%	
7	Pacific	45	45	100%	
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The closer the accuracy percentage is to 100%, the

closer the predicted sales value was relative to the actual sales values.

An accuracy percentage of 100% means that the predicted value perfectly matched the actual value.

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

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