How can I calculate the cumulative percentage in Google Sheets?

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Calculating the cumulative percentage in Google Sheets can be done by using the built-in functions and formulas available in the software. First, you need to have a data set with the values for which you want to calculate the cumulative percentage. Then, using the SUM and CUMIPMT functions, you can easily calculate the total sum of the data and the cumulative percentage for each data point. Additionally, you can also use the pivot table feature to automatically generate a cumulative percentage column based on your data. By following these steps, you can accurately and efficiently calculate the cumulative percentage in Google Sheets.

Calculate Cumulative Percentage in Google Sheets

A cumulative percentage represents the total percentage of values in a dataset up to a certain point.

The following step-by-step example shows how to calculate cumulative percentages in Google Sheets.

Step 1: Enter the Data

First, let's create a dataset that shows the number of products that some company sells during consecutive years:

	A	B	C	D
1	**Year**	**Products Sold**		
2	1	60		
3	2	75		
4	3	77		
5	4	87		
6	5	104		
7	6	134		
8	7	120		
9	8	125		
10	9	140		
11	10	150		
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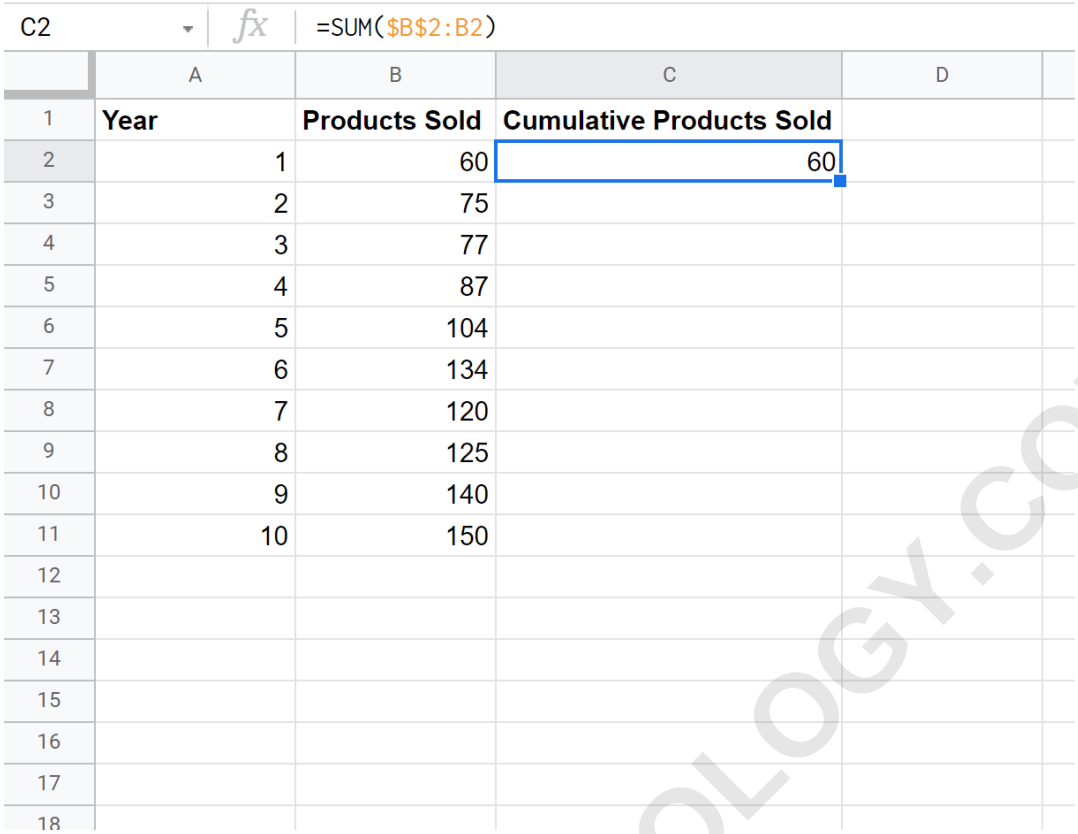
Step 2: Calculate Cumulative Frequency

Next, let's use the following formula to calculate the cumulative frequency of the first row:



	A	B	C	D
1	**Year**	**Products Sold**	**Cumulative Products Sold**	
2	1	60	60	
3	2	75		
4	3	77		
5	4	87		
6	5	104		
7	6	134		
8	7	120		
9	8	125		
10	9	140		
11	10	150		
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We can then copy and paste this formula to each remaining cell in column C:

	A	B	C	D
1	**Year**	**Products Sold**	**Cumulative Products Sold**	
2	1	60	60	
3	2	75	135	
4	3	77	212	
5	4	87	299	
6	5	104	403	
7	6	134	537	
8	7	120	657	
9	8	125	782	
10	9	140	922	
11	10	150	1072	
12				
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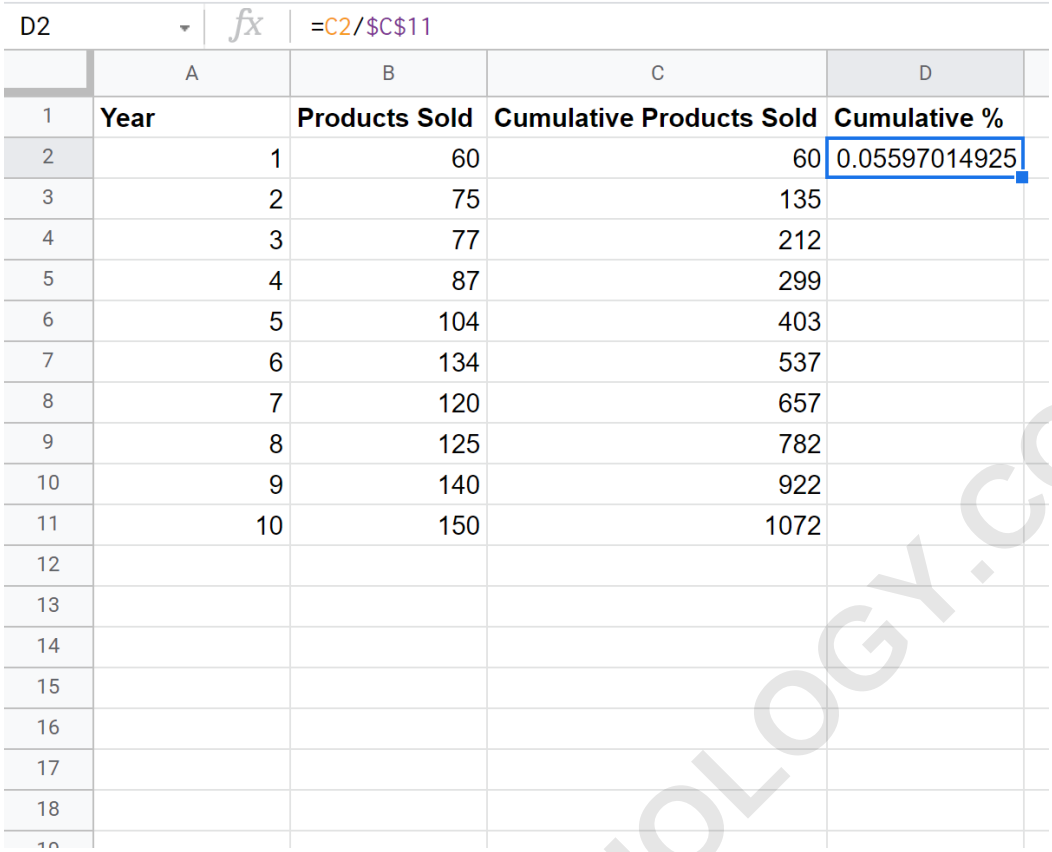
Step 3: Calculate Cumulative Percentage

Next, we can use the following formula to calculate the cumulative percentage of the first row:



D2 | =C2/C11

	A	B	C	D
1	**Year**	**Products Sold**	**Cumulative Products Sold**	**Cumulative %**
2	1	60	60	0.05597014925
3	2	75	135	
4	3	77	212	
5	4	87	299	
6	5	104	403	
7	6	134	537	
8	7	120	657	
9	8	125	782	
10	9	140	922	
11	10	150	1072	
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We can then copy and paste this formula to the remaining cells in column D:

	A	B	C	D
1	**Year**	**Products Sold**	**Cumulative Products Sold**	**Cumulative %**
2	1	60	60	0.05597014925
3	2	75	135	0.1259328358
4	3	77	212	0.197761194
5	4	87	299	0.2789179104
6	5	104	403	0.3759328358
7	6	134	537	0.5009328358
8	7	120	657	0.6128731343
9	8	125	782	0.7294776119
10	9	140	922	0.8600746269
11	10	150	1072	1
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Step 4: Change Formatting to Percentage

Lastly, we can highlight each of the cumulative percentage values in column D and then press Ctrl+Shift+% to convert the formatting to percentages:

	A	B	C	D
1	**Year**	**Products Sold**	**Cumulative Products Sold**	**Cumulative %**
2	1	60	60	5.60%
3	2	75	135	12.59%
4	3	77	212	19.78%
5	4	87	299	27.89%
6	5	104	403	37.59%
7	6	134	537	50.09%
8	7	120	657	61.29%
9	8	125	782	72.95%
10	9	140	922	86.01%
11	10	150	1072	100.00%
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We interpret the cumulative percentages as follows:

5.6% of all products were sold in year 1.12.59% of all products were sold in years 1 and 2 combined.19.78% of all products were sold in years 1, 2, and 3 combined.

And so on.

Additional Resources

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