

How can I pull data from multiple sheets into one sheet using Excel?

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One can pull data from multiple sheets into one sheet using Excel by using the Consolidate function. This function allows users to combine data from different sheets into one sheet, making it easier to analyze and manipulate the data. To do this, select the cell where the consolidated data will be placed, then go to the Data tab and click on "Consolidate." From there, select the range of data from the different sheets and choose the desired function to merge the data. This process can be repeated for multiple sheets, allowing for a comprehensive collection of data in one sheet. By using this method, users can efficiently organize and analyze data from various sources in one central location.

Excel: Pull Data from Multiple Sheets into One Sheet

You can use the Consolidate function in the Data tab in Excel to pull data from multiple sheets into one master sheet.

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

Example: Pull Data from Multiple Sheets into One Sheet in Excel

Suppose we have the following dataset in a sheet called year1 that shows the total sales in four different retail stores during the first year of business:

	A	B	C	D	E	F
1	Store	Sales				
2	North	22				
3	East	29				
4	South	45				
5	West	30				
6						
7						
8						
9						
10						
11						
12						
13						
14						

< > year1 year2 year3 +

Suppose we have the same data for the second year of each business in a sheet called year2:

	A	B	C	D	E	F
1	Store	Sales				
2	North	14				
3	East	19				
4	South	29				
5	West	28				
6						
7						
8						
9						
10						
11						
12						
13						
14						

< > year1 year2 year3 +

And suppose we have the same data for the third year of each business in a sheet called year3:

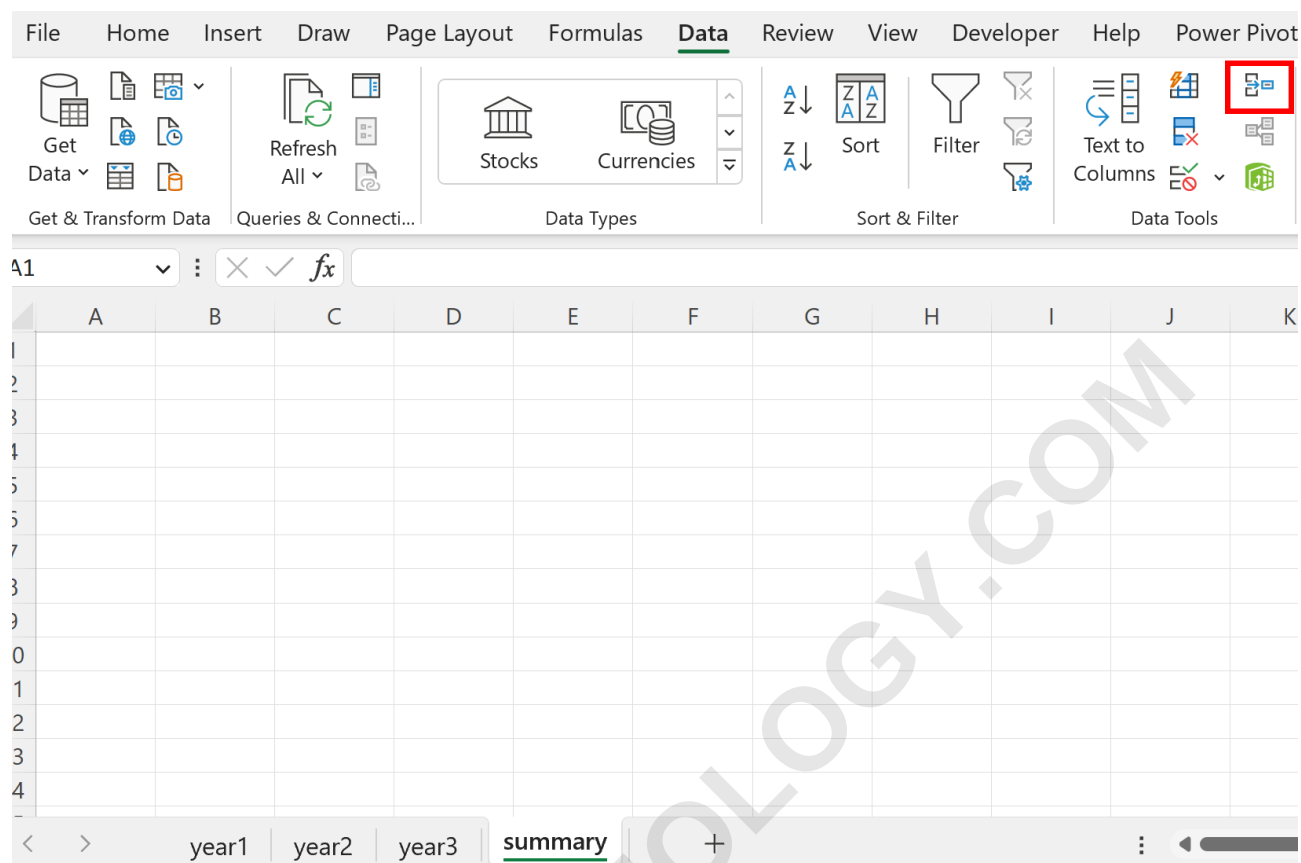
	A	B	C	D	E	F
1	Store	Sales				
2	North	14				
3	East	26				
4	South	15				
5	West	30				
6						
7						
8						
9						
10						
11						
12						
13						
14						

< > year1 year2 year3 +

Now suppose we would like to pull data from each sheet into one master sheet that summarizes the total sales made by each store during the three years.

To do so, we can create a new sheet called summary.

We can then make sure cell A1 in this sheet is active and then click the Data tab along the top ribbon and then click the icon called Consolidate within the Data Tools group:



In the new window that appears, choose Sum as the function, then type the name of the range for the first sheet you'd like to use and click Add.

Repeat this step for the next two ranges.

Then check the boxes next to Use labels in Top Row and Left column:

Consolidate

Function:
Sum

Reference:
year1!\$A\$1:\$B\$5

All references:
year1!\$A\$1:\$B\$5
year2!\$A\$1:\$B\$5
year3!\$A\$1:\$B\$5

Use labels in
☒ Top row
☒ Left column
☐ Create links to source data

OK Close

	A	B	C	D	E	F
1		Sales				
2	North	50				
3	East	74				
4	South	89				
5	West	88				
6						
7						
8						
9						
10						
11						
12						
13						
14						

year1 year2 year3 summary +

This summary sheet contains the sum of the sales for each store in the three individual sheets.

For example, the North store had individual sales values of 22, 14 and 14 in the individual sheets.

The sum of these values is $22 + 14 + 14 = 50$.

The same calculation is performed on the East, South and West stores.

Note that you can also consolidate the data using a different summary statistic (e.g. count, average, max, etc.) by choosing a different value from the dropdown menu for Function within the Consolidate window.

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