

How to Create a Crosstab in Google Sheets

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To create a crosstab in Google Sheets, first select the data you want to use in your report, then click on the 'Data' tab in the top navigation bar and select 'Crosstab' from the list of options. You will then be presented with a dialogue box that allows you to choose the columns and rows for your crosstab. Once you have selected the appropriate columns and rows, the report will be generated and displayed in the spreadsheet.

A **crosstab** is a table that summarizes the relationship between two categorical variables.

The following step-by-step example shows how to create a crosstab in Google Sheets.

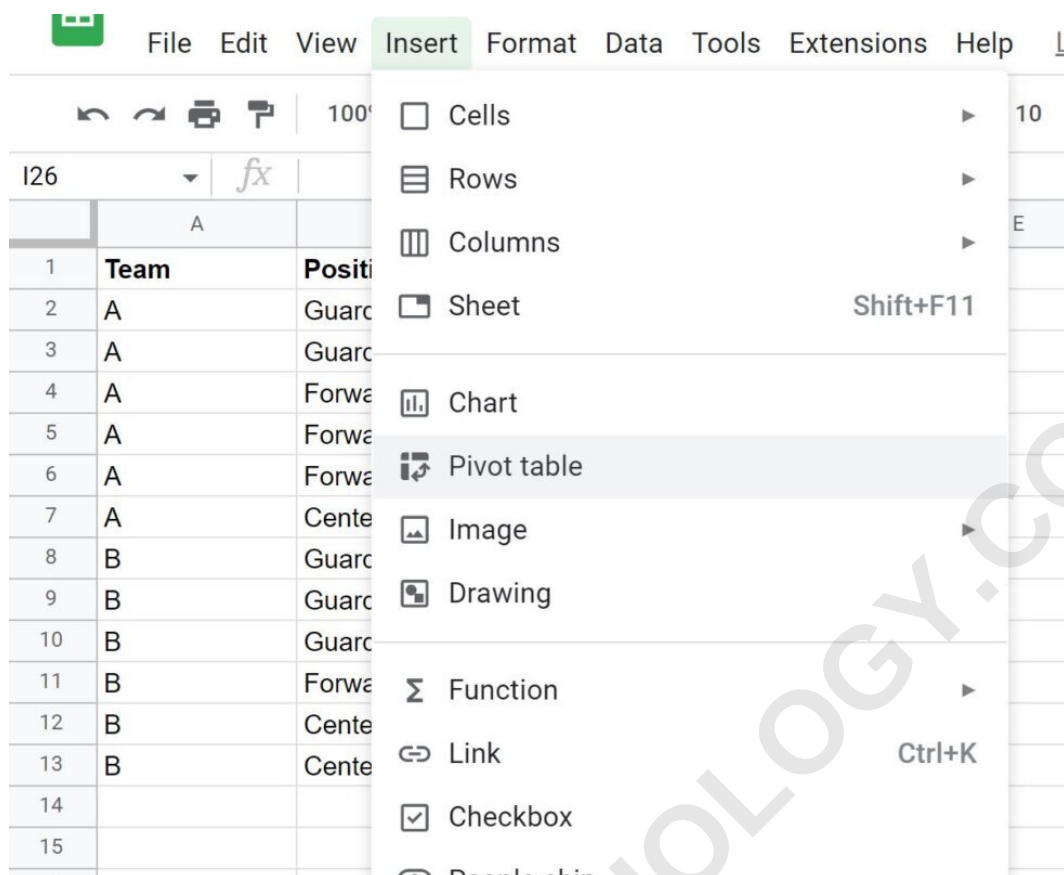
Step 1: Enter the Data

First, let's enter the following dataset into Google Sheets that shows information for various basketball players:

	A	B	C	D	E
1	Team	Position	Points		
2	A	Guard	12		
3	A	Guard	19		
4	A	Forward	22		
5	A	Forward	24		
6	A	Forward	17		
7	A	Center	29		
8	B	Guard	32		
9	B	Guard	33		
10	B	Guard	19		
11	B	Forward	9		
12	B	Center	8		
13	B	Center	14		
14					
15					
16					
17					
18					
19					

Step 2: Create the Crosstab

Next, click the **Insert** tab along the top ribbon and then click **Pivot table** from the dropdown menu:



In the new window that appears, enter **Sheet1!A1:C13** as the Data range and **Sheet1!E1** as the Insert to location, then click **Create**:

	A	B	C	D	E	F	G
1	Team	Position	Points				
2	A	Guard	12				
3	A	Guard	19				
4	A	Forward	22				
5	A	Forward	24				
6	A	Forward	17				
7	A	Center	29				
8	B	Guard	32				
9	B	Guard	33				
10	B	Guard	19				
11	B	Forward	9				
12	B	Center	8				
13	B	Center	14				
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							

Create pivot table

Data range
Sheet1!A1:C13

Insert to

☐ New sheet

☒ Existing sheet

Sheet1!E1

Cancel Create

Step 3: Populate the Crosstab with Values

Once you click **Create**, a new Pivot table editor panel will appear on the right side of the screen.

Choose Team for the **Rows**, Position for the **Columns**, and Points for the **Values**:

Pivot table editor

Sheet1!A1:C13

Suggested ▼

Rows Add

Team ✕

Order: Ascending ▼ Sort by: Team ▼

☒ Show totals

Columns Add

Position ✕

Order: Ascending ▼ Sort by: Position ▼

☒ Show totals

Values Add

Points ✕

Summarize by: COUNT ▼ Show as: Default ▼

Once you do so, the following crosstab will appear in the cell that you specified:

