

The Create Graph Tab in the QuickStart Wizard

In SigmaPlot, you create graphs using one of the graph type icons or the Graph Wizard in the Create Graph ribbon:



Your data can be in SigmaPlot's own worksheet or in an Excel sheet in SigmaPlot, and you have flexible options of data selection and graph design.

There is another option to create a graph, and this is the Create Graph tab in the QuickStart Wizard. With this, you can create a scaffold for not so often used graph types, and then you can enter your data in a second step.

The Wizard asks some questions about graph type and data arrangement, and with a click on OK it creates

- a „pre-formatted worksheet“ with column titles which help you with variable assignment
- a prepared yet still empty graph.

Both are displayed in windows side by side. Enter values into the worksheet now, and the graph is completed step by step.

Opening the Wizard

The Wizard is opened each time you start SigmaPlot, with the „Open notebook“ tab selected. You can reopen it any time from Main Button > Quick Start. At the upper edge, it shows a row of icons with SigmaPlot's base graph types.

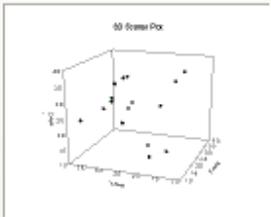


- Select 3D Scatter.

The menu at the left edge shows groups and items of graph-subtypes, e.g. Bars > Basic > Simple Bar or Grouped Bar. With 3D Scatter you only see this graph type.

In the center you see a preview of the graph, to the right a preview of the worksheet. The pre-formatted worksheet shows you where to enter your data, depending on the selected data format.

Graph preview



XYZ triplet sets as symbols shown in 3D XYZ-space.

Worksheet preview

X	Y	Z		
6.700	5.100	3.200		
4.400	3.800	1.000		
2.000	4.000	4.500		

Sets of X, Y, and Z column triplets.

Error bars

Symbol Type: Worksheet Column: X

Upper Value: Standard Deviation

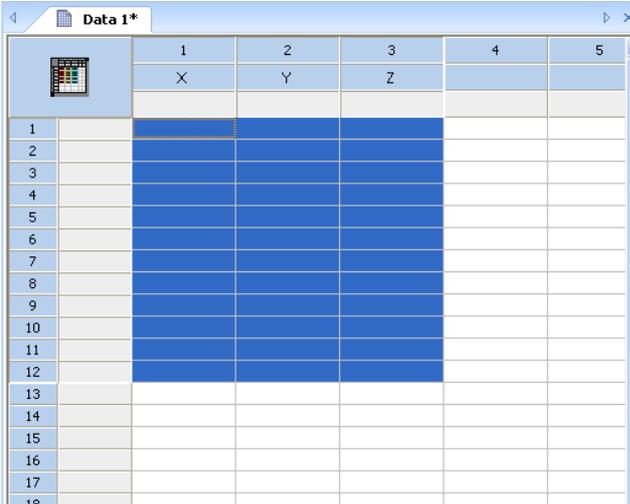
Lower Value: Standard Deviation

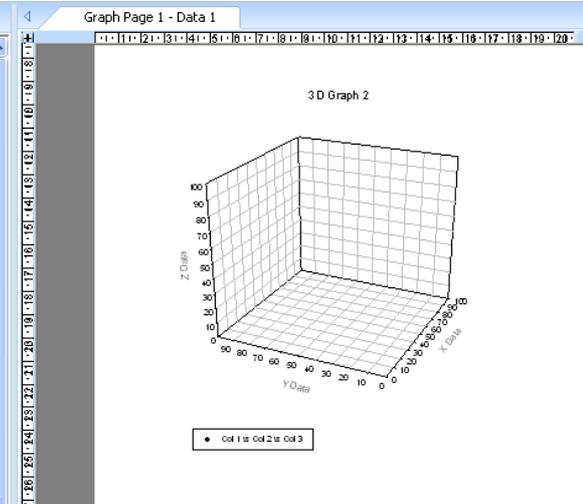
Worksheet format

Data format: XYZ Triplet

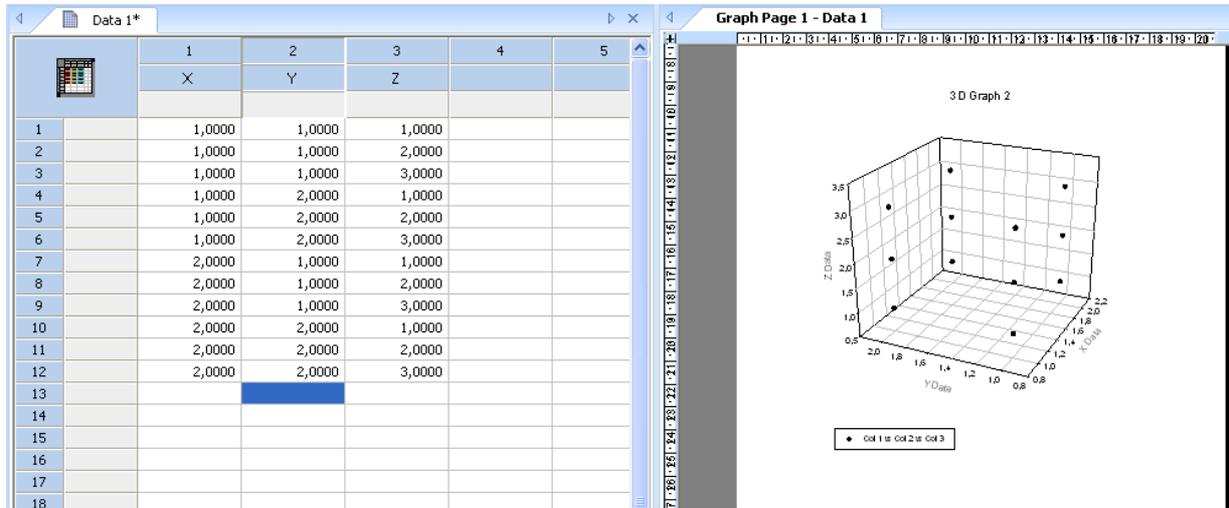
- Many Z
- XYZ Triplet
- XY Many Z

- In this example, select XYZ Triplets. and click on OK. The Wizard closes, and you see the pre-formatted worksheet and the graph, still empty for now.





With every triplet row you enter, a point is added in the graph.



The axis ranges are adjusted automatically, as usual in SigmaPlot.