xlChart+ 1.0 User's Guide



https://www.chartaddin.com

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1 xlChart+ Add-in and its Main Features

1.1 What is the xlChart+ Add-in?

xlChart+ (or xlChartPlus) is a add-in used to extend Excel's charting capabilities. It is very user-friendly and doesn't require any programming knowledge. The addin uses a series of custom functions, allowing users to create charts just like using formulas.

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1.2 Main Features of xlChart+ Add-in

The xlChart+ add-in currently supports the following chart types:

lcon	Button	Description				
	2D Point Chart	Creates a line chart				
	2D Line Chart	Creates a smoothed line chart				
	2D Line+Marker	Creates a 2d line chart with markers				
	Smoothed Curve	Creates a smoothed line chart				
	Smoothed	Creates a smoothed line chart with				
	Curve+Marker	markers				
	3D Line	Creates a 3d line chart				
	2D Clustered	Creates a bar chart				
	2D Stacked Creates a stacked bar chart					
	2D 100% Stacked	Creates a 100% stacked bar chart				
	3D Rectangular	Creates a 3d rectangular bar chart				
	3D Cylindrical	Creates a 3d cylindrical bar chart				
	3D Square Pyramid	Creates a 3d square pyramid bar chart				
	3D Cone	Creates a 3d cone bar chart				
	2D Clustered	Creates a horizontal bar chart				
	2D Stacked	Creates a horizontal stacked bar chart				
	2D 100% Stacked	Creates a horizontal 100% stacked bar				
		chart				

	3D Rectangular	Creates a 3d horizontal rectangular bar		
		chart		
	3D Cylindrical	Creates a 3d horizontal cylindrical bar		
		chart		
	3D Square Pyramid	Creates a 3d horizontal square pyramid		
		bar chart		
	3D Cone	Creates a 3d horizontal cone bar chart		
	2D	Creates a 2d area chart		
	3D	Creates a 3D area chart		
	2D	Creates a 2d pie chart		
	3D-Type 1	Creates a 3d type 1 pie chart		
	3D-Type 2	Creates a 3d type 2 pie chart		
	3D-Туре 3	Creates a 3d type 3 pie chart		
	Doughnut	Creates a doughnut chart		
	Univariate-Single Color	Creates a univariate histogram filled with		
		single color		
	Univariate-Colormap	Creates a univariate histogram filled with a		
<u> </u>		colormap		
	Bivariate	Creates a bivariate histogram		
	Binscatter	Creates a binscatter chart		
	Univariate KDE Curve	Creates a kernel density estimation chart		
	Univariate KDE Filled	Creates a kde chart filled with single color		
	Curve-1 Color			
	Univariate KDE Filled	Creates a kde chart filled with 1 color		
	Curve-1 Gradient	gradient		
	Univariate KDE Filled	Creates a kde chart filled with a colormap		
	Curve-Colormap			
	Univariate Complex KDE	Creates a complex kde chart with a		
	Curve	colormap		
	Bivariate KDE Surface	Creates a bivariate kde surface and		
	and Contour	contour plot		
	Ridge Chart	Creates a ridge chart		
	scatter	Creates a scatter chart		
132	jitterscatter	Creates a jittered scatter chart		
-	regscatter	Creates a regular scatter chart		
	Normal Heatmap	Creates a normal heatmap		
	Circle Heatmap	Creates a circle heatmap		
	Square Heatmap	Creates a square heatmap		
	Triangular Square	Creates a triangular square heatmap		
	Heatmap			
	Boxplot-1 Color	Creates a monochrome boxplot		

	Boxplot-1 Gradient	Creates a two-color gradient boxplot				
111	Boxplot-Colormap	Creates a multi-color boxplot				
	Boxplot-Horizontal	Creates a horizontal boxplot				
	Boxplot-Colormap	Creates a multi-color gradient boxplot				
	Gradient					
444	Violin-Type 1	Creates a violin plot				
ΥΥΥ	Violin-Type 2	Creates a violin plot+boxplot				
	Cloud Rain-Type 1	Creates a cloud rain plot-type 1				
- Service 1	Cloud Rain-Type 2	Creates a cloud rain plot-type 2				
	Cloud Rain-Type 3	Creates a cloud rain plot-type 3				
	QQ Plot	Creates a QQ plot				
/	PP Plot	Creates a PP plot				
	Scatter+Bar	Creates a scatter bar chart				
100	Scatter+Boxplot	Creates a scatter boxplot chart				
	pair	Creates a pair chart				
1000	Boxplot+Pair	Creates a box plot + pair chart				
	Error+Bar+Pair	Creates an error bar chart +bar chart+pair				
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		Click to visit then order page				
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		guide				
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		version.				

2 Install the xIChart+ Add-in in an Excel Workbook

Using the xlChart+ add-in is very simple. Just unzip the downloaded package, locate the xlChartPlus add-in from the extracted folder, and load and enable it in your Excel workbook.

2.1 Use Installer To Install the Add-in

Find out Installer.xlsx in your downloaded package.and open it, click the button in the worksheet to install the xlChart+ add-in automatically.



2.2 Manually Install the Add-in

If the installer doesn't work, you can install the add-in manually.

To load and enable the add-in, the Developer tab in Excel is required. If this tab is not present in your Excel, you need to enable it first.

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To enable the Developer tab, click on the "File" menu and select the "More..." option at the bottom, then click "Options..." from the sub-menu as shown below.

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In the Excel Options dialog, select the "Customize Ribbon" option on the left side. On the right side, check the "Developer" box as shown in the red box. Then click "OK" to add the Developer tab to the Excel main interface.



Once the Developer tab is loaded, open it and find the "Excel Add-ins" button as shown below.

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In the Add-ins dialog that appears, click the "Browse..." button and select the xlChart+ add-in from the dialog. After returning to the Add-ins dialog, the corresponding option should be checked, as shown below. Click "OK" to complete the add-in loading and enabling process.

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Xichartplus			

2.3 UnInstall xIChart+

To uninstall xlChart+ demo or full version, just delete the directory including the add-in file.

3 Line Chart

Once the add-in is loaded and enabled, it can be used to draw charts. First, let's introduce the drawing of line charts.

3.1 2D Line Chart

Use "Create a Line Chart" dialog box to draw a 2D line chart. Click button and 2D related items to show the dialog box.

3.1.1 "Create a Line Chart" Dialog box

The "Create a Line Chart" dialog box is shown below

Create a Line Chart	×					
Data Range A1:I8						
Data Direction Column Data 💌						
✓ Use Colormap Select a Colormap						
✓ Show Lines						
Show Markers						
OK Cancel						

The controls in the dialog box have the following meanings:

Data Range, The cell range containing the data for the chart.

Data Direction, Row data or column data can be used.

Use Colormap, Whether to use a colormap.

Select a Colormap, Select a colormap.

Show Lines, Whether to show the line

Show Markers, Whether to show the markers.

3.1.2 Drawing a 2D Point Chart

To hide the line and create a point chart: First, select cell range contains the data in worksheet.

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1		А	В	С	D	E	G	I	J				-11
2	a	0.053628	0.111151	0.172781	0.23874	0.309261	0.464979	0.642035	0.739275				-11
3	b	0.244482	0.543087	0.904802	1.339941	1.860325	3.212945	5.096055	6.289046				- 11
4	с	0.483062	1.117468	1.938781	2.98999	4.322969	8.096826	13.9272	17.89879				- 11
5	d	0.662881	1.578199	2.818053	4.472847	6.655646	13.20416	24.05733	31.82007				
6	e	0.669854	1.630787	2.977664	4.832831	7.35358	15.25462	29.06164	39.30654				
7	f	0.384911	0.954325	1.774568	2.933167	4.545191	9.778917	19.32172	26.61391				
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Click button in xlChart+ ribbon and click "2D Point Chart" item to open "Create a Line Chart" dialog box.

Create a Line Chart	×
Data Range A1:I8	
Data Direction Column Data 💌	
I▼ Use Colormap	
Select a Colormap Parula 💌	
Show Lines	
✓ Show Markers	
OK Cancel	









Select "Summer" item in "Select a Colormap" combo box, click "OK" button.



So, it's easy to render the charts by using different colormaps.

3.1.3 Drawing a 2D Line Chart

Click button in xlChart+ ribbon and click "2D Line Chart" item to open "Create a Line Chart" dialog box.

Create a Line Char	t	×					
Data Range	A1:I8						
Data Direction	Column Data 💌						
Use Colormap Select a Colormap Parula							
Show Lines							
Show Markers	5						
OK	Cancel						

Click "OK" button, create the point chart shown below.



Select "Turbo" item in "Select a Colormap" combo box, click "OK" button.



Select "Summer" item in "Select a Colormap" combo box, click "OK" button.



Deselect "Use Colormap" check box, click "OK" button.



This is the default effect created by Excel itself.

3.1.4 Drawing a 2D Line Chart With Markers

Click button in xlChart+ ribbon and click "2D Line + Marker" item to open "Create a Line Chart" dialog box.

Create a Line Char	t X							
Data Range	A1:I8							
Data Direction	Column Data 🗨							
Use Colormap								
Select a Colormap Parula 💌								
✓ Show Lines								
Show Marker	s							
0	Cancel							

Click "OK" button, create the point chart shown below.



3.1.5 Drawing 2D Line Charts With Row Data

When drawing with row data

Click button in xlChart+ ribbon and click "2D Line Chart" item to open "Create a Line Chart" dialog box. Select "Row Data" item in "Data Direction" combo box.

Create a Line Chart	×					
Data Range A1:I8						
Data Direction Row Data						
☑ Use Colormap						
Select a Colormap Trubo 💌						
Show Lines						
Show Markers						
OK Cancel						

Click "OK" button, create the point chart shown below.



Add markers in the line chart.



3.2 Smoothed Curve

3.2.1 Drawing a Smoothed Curve

Select cell range contains the data in worksheet.

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1		А	В	С	D	E	F	G	H	Ι	J	
2	1	0.053628	0.111151	0.172781	0.23874	0.309261	0.384589	0.464979	0.550701	0.642035	0.739275	
3	2	0.244482	0.543087	0.904802	1.339941	1.860325	2.479495	3.212945	4.078387	5.096055	6.289046	
4	3	0.483062	1.117468	1.938781	2.98999	4.322969	6.000199	8.096826	10.70309	13.9272	17.89879	
5	4	0.662881	1.578199	2.818053	4.472847	6.655646	9.507529	13.20416	17.96382	24.05733	31.82007	
6	5	0.669854	1.630787	2.977664	4.832831	7.35358	10.74156	15.25462	21.22171	29.06164	39.30654	
7	6	0.384911	0.954325	1.774568	2.933167	4.545191	6.761432	9.778917	13.85441	19.32172	26.61391	
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Click button in xlChart+ ribbon and click "Smoothed Curve" item to open "Create a Smoothed Line Chart" dialog box.

Create a Smoothed Line Chart X						
Data Range A1:K8						
Data Direction Column Data 💌						
✓ Use Colormap Select a Colormap						
Show Markers						
OK Cancel						

Click "OK" button, create the point chart shown below.



3.2.2 Drawing a Smoothed Curve With Markers

Click button in xlChart+ ribbon and click "Smoothed Curve+Marker" item to open "Create a Smoothed Line Chart" dialog box.

Create a Smoothed Line Chart					
Data Range A1:K8					
Data Direction Column Data 💌					
✓ Use Colormap Select a Colormap Trubo ▼					
✓ Show Markers					
OK Cancel					

Click "OK" button, create the point chart shown below.



3.3 3D Line Chart

3.1.1 "Create a 3D Line Chart" Dialog Box

The "Create a 3D Line Chart" dialog box is shown below

Create a 3D Line Chart	×					
Data Range A1:I8						
Data Direction Column Data 💌						
✓ Use Colormap Select a Colormap Parula						
OK Cancel						

The controls in the dialog box have the following meanings:

Data Range, The cell range containing the data for the chart.

Data Direction, Row data or column data can be used.

Use Colormap, Whether to use a colormap.

Select a Colormap, Select a colormap.

Data format

×	Book1 ∨				𝒫 Search				J5	Ş –	o x
File	e Home	Insert Page Lay	out Formulas	Data Revie	w View De	veloper Help	xlwings xlC	hart+		Comment:	s 🖻 Share 🗸
L	ine Bar art ~ Chart ~	Horizontal Area Bar Chart Y Chart Y	Pie Histog Chart ~ ~	ram KDE Scat Chart ~ Char	ter Heatmap t ~ Chart ~	Boxplot Violin Chart ~ Chart ~	Cloud Rain QQ P Chart ~ Chart	P Compare Means ~	Neb Buy Use Site Now Gui	r's Demo de Version	<u>^</u>
$\begin{array}{c c} \hline \\ A1 \\ \hline \\ \hline \\ \\ \hline \\ \\ \\ \hline \\ \\ \\ \\ \\ \\ \\ \\ $											~
	А	В	С	D	Е	F	G	Н	Ι	J	K
1		А	В	С	D	E	G	I	J		
2	a	0.053628	0.111151	0.172781	0.23874	0.309261	0.464979	0.642035	0.739275		
3	b	0.244482	0.543087	0.904802	1.339941	1.860325	3.212945	5.096055	6.289046		
4	с	0.483062	1.117468	1.938781	2.98999	4.322969	8.096826	13.9272	17.89879		
5	d	0.662881	1.578199	2.818053	4.472847	6.655646	13.20416	24.05733	31.82007		
6	e	0.669854	1.630787	2.977664	4.832831	7.35358	15.25462	29.06164	39.30654		
7	f	0.384911	0.954325	1.774568	2.933167	4.545191	9.778917	19.32172	26.61391		
8	g	0	0	0	0	0	0	0	0		
9										<u>/</u>	
10											
11											
12											
13											
<	>	Sheet1 Sheet2	2 Sheet4	Sheet5 Shee	t6 Sheet7	Sheet8 ····	+ : •				•

Click button in xlChart+ ribbon and click "3D" item to open "Create a 3D Line Chart" dialog box.



Turbo colormap



Cool colormap



Jet colormap



4 Bar Chart

4.1 2D Bar Chart

4.1.1 "Create a Bar Chart" Dialog box

The "Create a Bar Chart" dialog box is shown below

Create a Bar Chart	×
Data Range A1:B7	
Data Direction Column Data 💌	
Type Clustered 💌	
Vse Colormap	
Select a Colormap Parula 💌	
Fill C Solid Fill	
Gradient Fill	
Fill Type From left to right, 3 ct	
C Patterned Start Index 1	
C Textured Fill Start Index 1	
C Pictured Fill	
OK Cancel	

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

Data Direction, Row data or column data can be used.

Type, Select the type of bar charts, including clustered bar chart, stacked bar chart and 100% stacked bar chart.

Use Colormap, Whether to use a colormap.

Select a Colormap, Specifies a colormap.

Solid Fill: Fill the bars with a single color.

Gradient Fill, Fill the bars with gradient colors, select the gradient types in "Fill Type" combo box..

Patterned Fill, Fill the bars with patterns, input a pattern index in the following "Start Index" field. The sum of the number and the number of bars or serieses should be less than or equal to 54.

Textured Fill, Fill the bars with pre-defined textures, input a texture index in the following "Start Index" field.. The sum of the number and the number of bars or serieses should be less than or equal to 24.

Pictured Fill, Fill the bars with given pictures. First, include your image files in "pic" directory, the name of the images should be "pic1.jpg", "pic2.jpg", "pic3.jpg" etc. Then set the "pic" directory in the same directory with xlChart+ add-in or in a custom directory. Select "The Same Path" option button or select the second option button and input the custom directory.

4.1.2 Gradient Color Filled Simple Bar Chart

Data format:

Select the data in the worksheet.

×	Book1 ∨				𝒫 Search					JS	0	-		×
File	e Home	Insert Page Lay	out Formulas	Data Revie	w View De	veloper Help	xlwings xIC	hart+			Com	ments	🖻 Share	• •
Li	ine Bar I art - Chart - E	Horizontal Area Bar Chart Y Chart Y	Pie Histog Chart ~ ~	ram KDE Scat Chart ~ Cha	tter Heatmap rt ~ Chart ~	Boxplot Violin Chart ~ Chart ~	Cloud Rain QQ P Chart ~ Chart	P Compare Means ~	Neb Buy Use Site Now Gui	er's Demo ide Version				
	Cate	gorical Charts		Numerical Cha	irts	St	atistical Charts		xlChart+					<u>^</u>
A1	A1 \checkmark : $\times \checkmark f_x \checkmark$								~					
	А	В	С	D	Е	F	G	Н	Ι	J		Κ		1
1		А	В	С	D	E	G	I	J					
2	a	0.053628	0.111151	0.172781	0.23874	0.309261	0.464979	0.642035	0.739275					
3	b	0.244482	0.543087	0.904802	1.339941	1.860325	3.212945	5.096055	6.289046					
4	с	0.483062	1.117468	1.938781	2.98999	4.322969	8.096826	13.9272	17.89879					
5	d	0.662881	1.578199	2.818053	4.472847	6.655646	13.20416	24.05733	31.82007					
6	e	0.669854	1.630787	2.977664	4.832831	7.35358	15.25462	29.06164	39.30654					
7	f	0.384911	0.954325	1.774568	2.933167	4.545191	9.778917	19.32172	26.61391					
8	g	0	0	0	0	0	0	0	0					
9														
10														
11	>	Sheet1 Sheet2	Sheet4	Sheet5 Shee	t6 Sheet7	Sheet8 Sh	e ••• + :	4						Þ
Ready	Ready Image: 0.416469645 Count: 13 Sum: 2.498817868 Image: 0.416469645 Image: 0.416469645 Count: 13 Sum: 2.498817868 Image: 0.416469645 Image: 0.4164696456 Count: 13 Sum: 2.498817868													

Click _____.button in xlChart+ ribbon and click "2D Clustered" item to open "Create a Bar Chart" dialog box.

Create a Bar Chart	×
Data Range A1:B7 Data Direction Column Data 💌	
Type Clustered 💌	
✓ Use Colormap	
Select a Colormap Parula	
Fill	_
C Solid Fill	
Gradient Fill	
Fill Type From left to right, 3 cc 💌	
C Patterned Start Index 1	
C Textured Fill Start Index 1	
C Pictured Fill	
OK Cancel	

Click "OK" button, create the bar chart shown below.



Select the first item in "Fill Type" combo box, click "OK" button.



Select the second item in "Fill Type" combo box, click "OK" button.



4.1.3 Multi-colored Simple Bar Chart

Click _____.button in xlChart+ ribbon and click "2D Clustered" item to open "Create a Bar Chart" dialog box. Select "Solid Fill" option button,

Create a Bar Chart		×				
Data Range Data Direction	A1:B7 Column Data Clustered					
Use Colormap						
Select a Color	map Parula 💌					
Fill Solid Fill C Gradient Fill						
Fill Type	m left to right,3 colors 💌					
C Patterned	Start Index 1					
C Textured Fi	Start Index 1					
C Pictured Fill	The Same Path C					
ОК	Cancel					

click "OK" button, create the bar chart shown below.



Select "Turbo" item in "Select a Colormap" combo box, click "OK" button.



Select Cool item in "Select a Colormap" combo box, click "OK" button.


Deselect "Use Colormap" checkbox, click "OK" button, get the default Excel bar chart.



4.1.4 Pattern-filled Simple Bar Chart

You can fill the bars with built-in patterns.

Select "Patterned Fill" option button in "Create a Bar Chart" dialog box,

Create a Bar Chart	×
Data Range A1:B7	
Data Direction Column Data 💌	
Type Clustered 💌	
✓ Use Colormap	
Select a Colormap Parula 💌	
Fill O Solid Fill O Gradient Fill Fill Type m left to right, 3 colors Image: Patterned Start Index Image: Patterned Image: Patterned Image: Patterned Image: Patterned	
OK Cancel	

click "OK" button, create the bar chart shown below.



Input 10 in "Start Index" field, click "OK" button.



Input 20 in "Start Index" field, click "OK" button.



Note, the sum of the number in "Start Index" and the number of bars should be less than or equal to 54.

4.1.5 Texture-filled Simple Bar Chart

You can fill the bars with built-in textures.

Select "Textured Fill" option button in "Create a Bar Chart" dialog box

Create a Bar Chart	×
Data Range A1:B7 Data Direction Column Data 💌 Type Clustered 💌	
✓ Use Colormap	
Select a Colormap Parula	
Fill C Solid Fill C Gradient Fill Fill Type m left to right, 3 colors Fill Type m left to right, 3 colors I C Patterned Start Index 1 Image: Textured Fill Start Index 1 Image: Pictured Fill Image: The Same Path Image: The Same Path Image: Textured Fill Image: The Same Path Image: The Same Path	
OK Cancel	

click "OK" button.



Input 10 in "Start Index" field, click "OK" button.



Note, the sum of the number in "Start Index" and the number of bars should be less than or equal to 24.

4.1.6 Picture-filled Simple Bar Chart

You can fill the bars with a specified picture. The images need to be named as `pic1`, `pic2`, `pic3`, etc. (not `pic01`, `pic02`, etc.). These image files should be placed in the `pic` directory, which should be located in the same path as the add-in or a custom path.



Select "Textured Fill" option button in "Create a Bar Chart" dialog box

Create a Bar Chart	×
Data Range A1:B7 Data Direction Column Data 💌 Type Clustered 💌	
Select a Colormap Parula 💌	
Fill C Solid Fill C Gradient Fill Fill Type m left to right, 3 colors Patterned Start Index Patterned Start Index Textured Fill Start Index Pictured Fill The Same Path C	
OK Cancel	

click "OK" button.



To use a `pic` directory in a custom path (e.g., on the D drive), specify the path in the textbox after the second option button, for example "d:\pic\":

4.1.7 Clustered Bar Chart

Data format:

Select the data in the worksheet.

×	Book1 ∨									ZL	Q –	
File	Home I	nsert Page Lay	out Formulas	Data Revie	w View De	veloper Help	xlwings xlC	hart+			Comments	🖻 Share 🗸
Li	ne Bar H art Y Chart Y Ba	orizontal Area rr Chart ~ Chart ~	Pie Chart ~ ~	ram KDE Scat Chart ~ Char	tter Heatmap rt ~ Chart ~	Boxplot Violin Chart ~ Chart ~	Cloud Rain QQ P Chart ~ Chart	P Compare Means ~	Veb Buy Use Site Now Gui	er's Demo ide Version		
	Categ	orical Charts		Numerical Cha	irts	St	atistical Charts		xlChart+			^
A1	~ 1	$\times \checkmark f_x \sim$										~
	А	В	С	D	Е	F	G	Н	Ι	J	К	14
1		А	В	С	D	Е	G	Ι	J			
2	a	0.053628	0.111151	0.172781	0.23874	0.309261	0.464979	0.642035	0.739275			
3	b	0.244482	0.543087	0.904802	1.339941	1.860325	3.212945	5.096055	6.289046			
4	с	0.483062	1.117468	1.938781	2.98999	4.322969	8.096826	13.9272	17.89879			
5	d	0.662881	1.578199	2.818053	4.472847	6.655646	13.20416	24.05733	31.82007			
6	e	0.669854	1.630787	2.977664	4.832831	7.35358	15.25462	29.06164	39.30654			
7	f	0.384911	0.954325	1.774568	2.933167	4.545191	9.778917	19.32172	26.61391			
8	g	0	0	0	0	a 0	0	0	0			
9												
10												
11	> 5	Sheet1 Sheet2	Sheet4	Sheet5 Shee	t6 Sheet7	Sheet8 Sh	ne ••• + i	•				-
Read	/ 🔟 🛱 Acc	essibility: Investiga	te			Average: 1.4	92833284 Count	: 34 Sum: 35.8279	99883			- + 100%

Click - .button in xlChart+ ribbon and click "2D Clustered" item to open "Create a Bar Chart" dialog box.

Create a Bar Chart	×
Data Range A1:E7 Data Direction Column Data	•
Iv Use Colormap	
Select a Colormap Paru	la 💌
Fill Solid Fill Gradient Fill Fill Type From left to Patterned Start Index C Pattured Fill Fill Start Index C Pictured Fill The Sa	o right, 3 c 💌 x 1 x 1 ame Path
0	
ОК	Cancel

Click "OK" button.





Select the first item in "Fill Type" combo box, click "OK" button.



Select the second item in "Fill Type" combo box, click "OK" button.



Patterned Fill:









Textured Fill:









Select "Solid Fill" option button, drawing with column data, custom color scheme 1:



Custom color scheme 2:



Custom color scheme 5:



Custom color scheme 15:



Deselect "Use Colormap" checkbox, use the default Excel color scheme for drawing:



Drawing with row data:



4.1.8 Stacked Bar Chart

Click _____ button in xlChart+ ribbon and click "2D Stacked" item to open "Create a Bar Chart" dialog box.

	\sim	
/1		
-	·	

Create a Bar Chart	×
Data Range A1:E7 Data Direction Column Data Type Stacked	
I Use Colormap	
Select a Colormap Parula 💌	
Fill ○ Solid Fill ● Gradient Fill Fill Type From left to right, 3 cc ▼ ○ Patterned Start Index 1 ○ Textured Fill Start Index 1 ○ Pictured Fill	
(The Same Path C	
OK Cancel	

Click "OK" button.



■A ■B ■C ■D

Use colormap HSV, 3 rows data.











Textured Fill.







Pictured Fill.

4.1.9 100% Stacked Bar Chart

Click _____.button in xlChart+ ribbon and click "2D 100% Stacked" item to open "Create a Bar Chart" dialog box.

Create a Bar Chart	Х
Data Range A1:E7 Data Direction Column Data Type 100% Stacked	
Vse Colormap	
Select a Colormap Parula 💌	
Fill C Solid Fill Image: Gradient Fill Fill Type From left to right, 3 cdel Image: Patterned Start Index Image: Patterned Start Index Image: Patterned Image: Patterned	
OK Cancel	

Click "OK" button.



■A ■B ■C

Use Turbo colormap.



∎A ∎B ∎C



Use other fill types.

■A ■B ■C







Patterened fill.

🖬 A 🖬 B 🖾 C

Textured fill.







Pictured fill.

4.2 3D Bar Chart

4.2.1 `Create a 3D Bar Chart` Dialog Box

The "Create a Bar Chart" dialog box is shown below

Create a 3D Bar Chart	×
Data Range A1:D5	
Shape Rectangular 💌 Type 3D 💌	ĺ
✓ Use Colormap Transparency 0	
Select a Colormap Parula 💌	
C Solid Fill	
Gradient Fill	
Fill Type From left to right, 3 ct	
C Patterned Start Index 1	
C Textured Fill Start Index 1	
C Pictured Fill The Same Path C	
OK Cancel	

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

Shape, The shapes of the 3D bar.

Type, Select the type of bar charts, including 3D bar chart, clustered bar chart, stacked bar chart and 100% stacked bar chart.

Transparency: Transparency of the 3D bar, 0-1.

Use Colormap, Whether to use a colormap.

Select a Colormap, Specifies a colormap.

Solid Fill: Fill the bars with a single color.

Gradient Fill, Fill the bars with.gradient colors, select the gradient types in "Fill Type" combo box..

Patterned Fill, Fill the bars with patterns, input a pattern index in the following "Start Index" field..The sum of the number and the number of bars or serieses should be less than or equal to 54.

Textured Fill, Fill the bars with pre-defined textures, input a texture index in the following "Start Index" field.. The sum of the number and the number of bars or serieses should be less than or equal to 24.

Pictured Fill, Fill the bars with given pictures. First, include your image files in "pic" directory, the name of the images should be "pic1.jpg", "pic2.jpg", "pic3.jpg" etc. Then set the "pic" directory in the same directory with xlChart+ add-in or in a custom directory. Select "The Same Path" option button or select the second option button and input the custom directory.

4.2.2 Rectangular 3D Bar Chart

Data format:

Select the data in the worksheet.

×	Book1	~						♀ Search					JS	Q	-	
File	e Hor	me In	isert Pa	ge Layo	out F	ormulas	Data Revi	ew View De	veloper Help	xlwings xlC	hart+			Ģ	Comments	🖻 Share ~
L	ine B art ~ Cha	ar Ho art∽ Bar	orizontal Chart ~ Cl	Area hart ~ (Pie Pie Chart ~	Aistog	ram KDE Sca Chart ~ Cha	tter Heatmap rt ~ Chart ~	Boxplot Violin Chart ~ Chart ~	Cloud Rain QQ P Chart ~ Chart	P Compare Means ~	Neb Buy Us Site Now Gu	? 🛑 er's Demo iide Version			
		Catego	orical Charts				Numerical Ch	arts	St	atistical Charts		xlChart+				^
A1		~ :	$\times \checkmark f$	x ~												~
	A	A	В		(С	D	Е	F	G	Н	Ι	J		Κ	1
1			А		В		С	D	E	G	Ι	J				
2	a		0.053	628	0.11	1151	0.172781	0.23874	0.309261	0.464979	0.642035	0.739275				
3	b		0.244	482	0.54	3087	0.904802	1.339941	1.860325	3.212945	5.096055	6.289046				
4	с		0.483	062	1.11	7468	1.938781	2.98999	4.322969	8.096826	13.9272	17.89879				
5	d		0.662	881	1.57	8199	2.818053	4.472847	6.655646	13.20416	24.05733	31.82007				
6	e		0.669	854	1.63	0787	2.977664	832831	7.35358	15.25462	29.06164	39.30654				
7	f		0.384	911	0.95	4325	1.774568	2.933167	4.545191	9.778917	19.32172	26.61391				
8	g			0		0	0	0	0	0	0	0				
9																
10																
11	>	S	heet1	Sheet2	She	eet4	Sheet5 She	et6 Sheet7	Sheet8 Sh	ı∈ ••• + ÷		1			_	- ·
Read	y 📧	🛠 Acce	essibility: Inv	vestigate	e				Average: 0.8	85697841 Count	: 19 Sum: 10.628	37409				

Click - .button in xlChart+ ribbon and click "3D Rectangular" item to open "Create a 3D Bar Chart" dialog box.

Create a 3D Bar Chart	\times
Data Range A1:D5	
Shape Rectangular 🕶 Type 3D 🔹	·
✓ Use Colormap Transparency 0	
Select a Colormap Parula 💌	
C Solid Fill	
Gradient Fill	
Fill Type From left to right, 3 cc	
C Patterned Start Index 1	
C Textured Fill Start Index 1	
C Pictured Fill	
OK Cancel	

Click "OK" button to create the chart.



The first fill type



The second fill tyle



Solid fill



Turbo colormap



Transparency=0.3











Pictured fill



Clustered 3D Bar Chart



```
Stacked 3D Bar Chart
```



100% Stacked 3D Bar Chart



4.2.3 Cylindrical 3D Bar Chart

Click - .button in xlChart+ ribbon and click "3D Cylindrical" item to open "Create a 3D Bar Chart" dialog box.

Create a 3D Bar Chart	×
Data Range A1:D5	
Shape Cylindrical 💌 Type 3D 💌	
✓ Use Colormap Transparency 0	
Select a Colormap Parula 💌	
C Solid Fill	
Gradient Fill	
Fill Type From left to right, 3 c 💌	
C Patterned Start Index 1	
C Textured Fill Start Index 1	
C Pictured Fill The Same Path C	
OK Cancel	

Click "OK" button to create a 3D bar chart.



The first fill type



Solid fill



Set transparency.



Patterned fill



Textured fill



Pictured fill



Clustered 3D bar chart



```
Stacked 3D bar chart
```



100% stacked 3D bar chart



4.2.4 Square Pyramid 3D Bar Chart

Click _____.button in xlChart+ ribbon and click "3D Square Pyramid" item to open "Create a 3D Bar Chart" dialog box.
Create a 3D Bar Chart	×
Data Range A1:D5	
Shape Square Pyram 🔻 Type 3D 💌	
✓ Use Colormap Transparency 0	
Select a Colormap Parula 💌	
C Solid Fill	
Gradient Fill	
Fill Type From left to right, 3 ct	
C Patterned Start Index 1	
C Textured Fill Start Index 1	
C Pictured Fill The Same Path C	
OK Cancel	

Click "OK" button to create a 3D bar chart.



The first fill type



Solid fill



Transparency=0.3



Patterened fill



Textured fill



Pictured fill



Clustered 3D bar chart



```
Stacked 3D bar chart
```



100% stacked 3D bar chart



4.2.5 Cone 3D Bar Chart

Click _____.button in xlChart+ ribbon and click "3D Cone" item to open "Create a 3D Bar Chart" dialog box.

Create a 3D Bar Chart	Х
Data Range A1:D5	
Shape Cone 💌 Type 3D 💌	
✓ Use Colormap Transparency 0	
Select a Colormap Parula 💌	
C Solid Fill	
Gradient Fill	
Fill Type From left to right,3 c ▼	
C Patterned Start Index 1	
C Textured Fill Start Index 1	
C Pictured Fill	
OK Cancel	

Click "OK" button to create a 3D bar chart.



The first fill type



Solid fill



Transparency=0.3



Patterened fill



Textured fill



Pictured fill



Clustered 3D bar chart







100% Stacked 3D Bar Chart



5 Horizontal Bar Chart

5.1 2D Horizontal Bar Chart

5.1.1 "Create a Horizontal Bar Chart" Dialog box

The "Create a Horizontal Bar Chart" dialog box is shown below

Create a Horizontal Bar Chart	×
Data Range A1:D5	
Data Direction Column Data 💌	
Type Clustered 💌	
Vse Colormap	
Select a Colormap Parula	
Fill	
C Solid Fill	
Gradient Fill	
Fill Type From left to right,3 α ▼	
O Patterned Start Index 1	
C Textured Fill Start Index 1	
C Pictured Fill 📀 The Same Path	
C	
OK Cancel	

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

Data Direction, Row data or column data can be used.

Type, Select the type of bar charts, including clustered bar chart, stacked bar chart and 100% stacked bar chart.



Use Colormap, Whether to use a colormap.

Select a Colormap, Specifies a colormap.

Solid Fill: Fill the bars with a single color.

Gradient Fill, Fill the bars with gradient colors, select the gradient types in "Fill Type" combo box..

Patterned Fill, Fill the bars with patterns, input a pattern index in the following "Start Index" field..The sum of the number and the number of bars or serieses should be less than or equal to 54.

Textured Fill, Fill the bars with pre-defined textures, input a texture index in the following "Start Index" field.. The sum of the number and the number of bars or serieses should be less than or equal to 24.

Pictured Fill, Fill the bars with given pictures. First, include your image files in "pic" directory, the name of the images should be "pic1.jpg", "pic2.jpg", "pic3.jpg" etc. Then set the "pic" directory in the same directory with xlChart+ add-in or in a custom directory. Select "The Same Path" option button or select the second option button and input the custom directory.

5.1.2 Gradient Color Filled Simple Horizontal Bar Chart

Data format:

Select the data in the worksheet.

×	B	ook1 🗸									JS	Q –		×
File	2	Home I	nsert Page Lay	out Formulas	Data Revie	w View De	veloper Help	xlwings xlC	hart+			Commer	its 🖻 Sh	are ~
			-	🧭 🐧	- 1	2		2		🏫 🐚 🌘				
L Ch	ine art ~	Bar H Chart × Ba	lorizontal Area	Pie Histog	ram KDE Scat	tter Heatmap	Boxplot Violin	Cloud Rain QQ P	P Compare V	Veb Buy Use Site Now Gui	er's Demo ide Version			
	are	Categ	jorical Charts		Numerical Cha	irts	st	atistical Charts	incurio .	xlChart+	lac version			~
A1		~ :	$\times \checkmark f_{x} \sim$											~
		Α	В	С	D	Е	F	G	Н	Ι	J	К		1
1			А	В	С	D	E	G	I	J				
2	a		0.053628	0.111151	0.172781	0.23874	0.309261	0.464979	0.642035	0.739275				
3	b		0.244482	0.543087	0.904802	1.339941	1.860325	3.212945	5.096055	6.289046				
4	с		0.483062	1.117468	1.938781	2.98999	4.322969	8.096826	13.9272	17.89879				
5	d		0.662881	1.578199	2.818053	4.472847	6.655646	13.20416	24.05733	31.82007				
6	e		0.669854	1.630787	2.977664	4.832831	7.35358	15.25462	29.06164	39.30654				
7	f		0.384911	0.954325	1.774568	2.933167	4.545191	9.778917	19.32172	26.61391				
8	g		0	0	0	0	0	0	0	0				
9														
10														_
11	>		Sheet1 Sheet2	Sheet4	Sheet5 Shee	et6 Sheet7	Sheet8 Sh	ιe ••• + ÷			1		_	•
Read	v f	- 12 Acc	ressibility: Investigat	e			Average: 0.4	16469645 Count	13 Sum 2.49881	17868	同四		+	100%

Click ... button in xlChart+ ribbon and click "2D Clustered" item to open "Create a Bar Chart" dialog box.

Create a Horizontal Bar Chart	\times
Data Range A1:B7	
Data Direction Column Data 💌	
Type Clustered 💌	
✓ Use Colormap	
Select a Colormap Parula 💌	
Fill C Solid Fill Gradient Fill	
Fill Type From left to right, 3 cc▼	
O Patterned Start Index 1	
C Textured Fill Start Index 1	
C Pictured Fill The Same Path C	
OK Cancel	

Click "OK" button, create the bar chart shown below.



Select the first item in "Fill Type" combo box, click "OK" button.



Select the second item in "Fill Type" combo box, click "OK" button.



5.1.3 Multi-colored Simple Bar Chart

Click ... button in xlChart+ ribbon and click "2D Clustered" item to open "Create a Horizontal Bar Chart" dialog box.

Create a Horizontal Bar Chart	×
Data Range A1:B7	
Data Direction Column Data 💌	
Type Clustered 💌	
Vise Colormap	
Select a Colormap Parula 💌	
Fill • Solid Fill • Gradient Fill	
Fill Type m left to right, 3 colors 💌	
C Patterned Start Index 1	
C Textured Fill Start Index 1	
C Pictured Fill	
OK Cancel	

Select "Solid Fill" option button, click "OK" button, create the bar chart shown below.



Select "Turbo" item in "Select a Colormap" combo box, click "OK" button.



Select Cool item in "Select a Colormap" combo box, click "OK" button.



Deselect "Use Colormap" checkbox, click "OK" button, get the default Excel bar chart.



5.1.4 Pattern-filled Simple Bar Chart

You can fill the bars with built-in patterns.

Select "Patterned Fill" option button in "Create a Horizontal Bar Chart" dialog box,

Create a Horizontal Bar	Chart	×
Data Range 🛛 A	1:87	
Data Direction	olumn Data 💌	
Type C	lustered 💌	
Use Colormap		
Select a Colorma	p Parula 💌	
C Solid Fill		
C Gradient Fill		
Fill Type m	left to right,3 colors 💌	
Patterned	Start Index 1	
C Textured Fill	Start Index 1	
C Pictured Fill	The Same Path C	
ОК	Cancel	

click "OK" button, create the bar chart shown below.



5.1.5 Texture-filled Simple Bar Chart

You can fill the bars with built-in textures.

Select "Textured Fill" option button in "Create a Horizontal Bar Chart" dialog box

Create a Horizontal Bar Chart	Х
Data Range A1:B7	
Data Direction Column Data 💌	
Type Clustered 💌	
✓ Use Colormap	
Select a Colormap Parula 💌	
Fill O Solid Fill O Gradient Fill Fill Type Immediate fill Fill Type Immediate fill O Patterned Start Index Immediate fill Immediate fill Immediate fill	
OK Cancel	

click "OK" button.



5.1.6 Picture-filled Simple Bar Chart

You can fill the bars with a specified picture. The images need to be named as `pic1`, `pic2`, `pic3`, etc. (not `pic01`, `pic02`, etc.). These image files should be placed in the `pic` directory, which should be located in the same path as the add-in or a custom path.



Select "Pictured Fill" option button in "Create a Horizontal Bar Chart" dialog box

Create a Horizontal Bar Chart	×
Data Range A1:B7	
Data Direction Column Data 💌	
Type Clustered 💌	
🔽 Use Colormap	
Select a Colormap Parula 💌	
Fill C Solid Fill C Gradient Fill	
Fill Type m left to right, 3 colors 💌	
C Patterned Start Index 1	
C Textured Fill Start Index 1	
Pictured Fill O The Same Path O	
OK Cancel	

click "OK" button.



5.1.7 Clustered Horizontal Bar Chart

Select A1:D5, click button in xlChart+ ribbon and click "2D Clustered" item to open "Create a Horizontal Bar Chart" dialog box. Select turbo colormap.

Create a Horizontal Bar Chart	×
Data Range A1:D5	
Data Direction Column Data 💌	
Type Clustered 💌	
✓ Use Colormap	
Select a Colormap Parula 💌	
C Solid Fill]
 Gradient Fill 	
Fill Type From left to right,3 c ▼	
C Patterned Start Index 1	
C Textured Fill Start Index 1	
C Pictured Fill	
OK Cancel	

Click "OK" button to create a clustered bar chart.



■C ■B ■A

Select the first fill type



■C ■B ■A

Select the second fill type



■C ■B ■A

Select A1:17 in the worksheet, select Solid Fill, use different colormaps to create horizontal bar charts.

Parula colormap



 \Box] \Box | \Box G \Box E \Box D \Box C \Box B \Box A

Trubo colormap



Cool colormap



 \blacksquare J \blacksquare I \blacksquare G \blacksquare E \blacksquare D \blacksquare C \blacksquare B \blacksquare A

Summer colormap


Deselect "Use Colormap" check box, create the default Excel chart.



Patterned fill



 $\blacksquare] \blacksquare | \blacksquare G \blacksquare E \blacksquare D \blacksquare C \blacksquare B \Box A$

Textured fill





 \blacksquare] \blacksquare | \blacksquare G \blacksquare E \blacksquare D \blacksquare C \blacksquare B \blacksquare A

Pictured fill



5.1.8 Stacked Horizontal Bar Chart

Select A1:D7, click ... button in xlChart+ ribbon and click "2D Stacked" item to open "Create a Horizontal Bar Chart" dialog box.

Create a Horizontal B	ar Chart	×
Data Range	A1:E7	
Data Direction	Column Data 💌	
Туре	Stacked 💌	
🔽 Use Colormap		
Select a Colorr	map Parula 💌	
C Solid Fill		
Gradient Fill		
Fill Type	From left to right, 3 ct 💌	
C Patterned	Start Index 1	
C Textured Fill	Start Index 1	
C Pictured Fill	The Same Path	
ОК	Cancel	

Click "OK" button.



■A ■B ■C ■D

Select the first item in "Fill Type" combo box.



■A ■B ■C ■D

Select the second fill type



■A ■B ■C ■D

Use Turbo colormap.



■A ■B ■C ■D

Cool colormap



■A ■B ■C ■D

Patterned fill



A B BC D

Textured fill



■A ■B ■C ■D

Pictured fill

Chart Title

A B C D

5.1.9 100% Stacked Horizontal Bar Chart

Click ... button in xlChart+ ribbon and click "2D 100% Stacked" item to open "Create a Horizontal Bar Chart" dialog box.

113

Create a Horizontal Bar Chart			
Data Range A1:E7			
Data Direction Column Data 💌			
Type 100% Stacked 💌			
Vise Colormap			
Select a Colormap Parula 💌			
Fill C Solid Fill © Gradient Fill			
Fill Type From left to right, 3 cr			
C Patterned Start Index 1			
C Textured Fill Start Index 1			
C Pictured Fill The Same Path C			
OK Cancel			

Click "OK" button.



■A ■B ■C ■D

Select the first fill type



■A ■B ■C ■D

Patterned fill



A B B C D

Txtured fill



■A ■B ■C ■D

Pictured fill





5.2 3D Horizontal Bar Chart

5.2.1 `Create a 3D Horizontal Bar Chart` Dialog Box

The "Create a 3D Horizontal Bar Chart" dialog box is shown below

119

Create a Horizontal 3D Bar Chart	×
Data Range A1:E7	
Shape Rectangular 💌 Type Clustered 💌	
✓ Use Colormap Transparency 0	
Select a Colormap Parula 💌	
Fill C Solid Fill Gradient Fill	
Fill Type From left to right,3 cc ▼	
C Patterned Start Index 1	
C Textured Fill Start Index 1	
C Pictured Fill The Same Path C	
OK Cancel	

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

Shape, The shapes of the 3D bar.

Type, Select the type of bar charts, including 3D bar chart, clustered bar chart, stacked bar chart and 100% stacked bar chart.

Transparency: Transparency of the 3D bar, 0-1.

Use Colormap, Whether to use a colormap.

Select a Colormap, Specifies a colormap.

Solid Fill: Fill the bars with a single color.

Gradient Fill, Fill the bars with.gradient colors, select the gradient types in "Fill Type" combo box..

Patterned Fill, Fill the bars with patterns, input a pattern index in the following "Start Index" field. The sum of the number and the number of bars or serieses should be less than or equal to 54.

Textured Fill, Fill the bars with pre-defined textures, input a texture index in the following "Start Index" field.. The sum of the number and the number of bars or serieses should be less than or equal to 24.

Pictured Fill, Fill the bars with given pictures. First, include your image files in "pic" directory, the name of the images should be "pic1.jpg", "pic2.jpg", "pic3.jpg" etc. Then set the "pic" directory in the same directory with xlChart+ add-in or in a custom directory. Select "The Same Path" option button or select the second option button and input the custom directory.

5.2.2 Rectangular 3D Horizontal Bar Chart

Data format:

Select the data in the worksheet.

8	Book1 ∽				♀ Search					JS	Q –		×
File	e Home In	sert Page Lay	out Formulas	Data Revie	w View De	veloper Help	xlwings xlC	hart+			Comme	nts 🖻 Sh	iare ~
L	ine Bar Ho art ~ Chart ~ Bar	rizontal Area Chart ~ Chart ~	Pie Chart ~	ram KDE Scat Chart ~ Cha	ter Heatmap t ~ Chart ~	Boxplot Violin Chart ~ Chart ~	Cloud Rain QQ P Chart ~ Chart	P Compare Means ~	Web Buy Use Site Now Gui	er's Demo ide Version			
	Catego	irical Charts		Numerical Cha	irts	St	atistical Charts		xicnart+		^		
Al	· · · ·	$\times \checkmark f_x \sim$											~
	А	В	С	D	Е	F	G	Н	Ι	J	K		1
1		А	В	С	D	E	G	Ι	J				
2	a	0.053628	0.111151	0.172781	0.23874	0.309261	0.464979	0.642035	0.739275				_
3	b	0.244482	0.543087	0.904802	1.339941	1.860325	3.212945	5.096055	6.289046				_1
4	с	0.483062	1.117468	1.938781	2.98999	4.322969	8.096826	13.9272	17.89879				- 1
5	d	0.662881	1.578199	2.818053	4.472847	6.655646	13.20416	24.05733	31.82007				
6	e	0.669854	1.630787	2.977664	4.832831	7.35358	15.25462	29.06164	39.30654				
7	f	0.384911	0.954325	1.774568	2.933167	4.545191	9.778917	19.32172	26.61391				
8	g	0	0	0	0	a 0	0	0	0				
9													
10													
11													
12													
<	Sheet1 Sheet2 Sheet2 Sheet4 Sheet5 Sheet5 Sheet7 Sheet8 She ··· + :												
Read	Ready 🐻 🏠 Accessibility: Investigate Average: 1.492833284 Count: 34 Sum: 35.82799883 🌐 💷 🖳 - 🔒 + 100%												

Click button in xlChart+ ribbon and click "3D Rectangular" item to open "Create a 3D Horizontal Bar Chart" dialog box.

121

Create a Horizontal 3D Bar Chart	×
Data Range A1:E7	
Shape Rectangular 💌 Type Clustered 💌	
✓ Use Colormap Transparency 0	
Select a Colormap Parula 💌	
C Solid Fill	
Gradient Fill	
Fill Type From left to right,3 c.▼	
C Patterned Start Index 1	
C Textured Fill Start Index 1	
C Pictured Fill The Same Path C	
OK Cancel	

Click "OK" button to create the chart.



The first fill type



Patterned fill



Textured fill



Pictured fill



Solid fill



Stacked 3D Horizontal Bar Chart



100% Stacked 3D Horizontal Bar Chart

129



5.2.3 Cylindrical 3D Horizontal Bar Chart

Click button in xlChart+ ribbon and click "3D Cylindrical" item to open "Create a 3D Horizontal Bar Chart" dialog box.

Create a Horizontal 3D Bar Chart	×
Data Range A1:E7	
Shape Cylindrical 💌 Type Clustered	-
✓ Use Colormap Transparency 0	
Select a Colormap Parula 💌	
C Solid Fill	
Gradient Fill	
Fill Type From left to right,3 cc▼	
C Patterned Start Index 1	
C Textured Fill Start Index 1	
C Pictured Fill The Same Path C	
OK Cancel	

Click "OK" button to create a 3D bar chart.

131



The first fill type



Patterned fill



Textured fill



Pictured fill


Solid fill



Stacked style



100% Stacked style



5.2.4 Square Pyramid 3D Horizontal Bar Chart

Click ... button in xlChart+ ribbon and click "3D Square Pyramid" item to open "Create a 3D Horizontal Bar Chart" dialog box.

Create a Horizontal 3D Bar Chart	×
Data Range A1:E7	
Shape Square Pyram Type Clustered	
✓ Use Colormap Transparency 0	
Select a Colormap Parula 💌	
C Solid Fill	
 Gradient Fill 	
Fill Type From left to right, 3 ct	
C Patterned Start Index 1	
C Textured Fill Start Index 1	
C Pictured Fill	
C	
OK Cancel	

Click "OK" button to create a 3D bar chart.



The first fill type



Patterned fill



Textured fill



Pictured fill



Solid fill



Stacked style



100% Stacked style



5.2.5 Cone 3D Horizontal Bar Chart

Click button in xlChart+ ribbon and click "3D Cone" item to open "Create a 3D Horizontal Bar Chart" dialog box.

Create a Horizontal 3D Bar Chart	\times
Data Range A1:E7	
Shape Cone Type Clustered	
✓ Use Colormap Transparency 0	
Select a Colormap Parula 💌	
C Solid Fill]
Gradient Fill	
Fill Type From left to right, 3 cr	
C Patterned Start Index 1	
C Textured Fill Start Index 1	
C Pictured Fill	
OK Cancel	

Click "OK" button to create a 3D horizontal bar chart.



The first fill type



Patterned fill



Textured fill



Pictured fill



Solid fill



Stacked style



100% Stacked style



6 Area Chart

6.1 2D Area Chart

6.1.1 `Create a 2D Area Chart` Dialog Box

The "Create a 2D Area Chart" dialog box is shown below

Create an Area Chart	×
Data Range A1:I8	
Data Direction Row Data 💌	
Type Stacked 💌	
✓ Use Colormap	
Select a Colormap Parula 💌	
Alpha 0.3	
Fill C Solid Fill	
Gradient Fill	
C Patterned Start Index 1	
C Textured Fill Start Index 1	
C Pictured Fill C The Same Path C	
OK Cancel	

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

Data Direction, Row data or column data can be used.

Type, Select the type of bar charts, including clustered area chart, stacked area chart and 100% stacked area chart.

Use Colormap, Whether to use a colormap.

Select a Colormap, Specifies a colormap.

Alpha: Transparency, 0-1.

Solid Fill: Fill the bars with a single color.

Gradient Fill, Fill the bars with.gradient colors, select the gradient types in "Fill Type" combo box..

Patterned Fill, Fill the bars with patterns, input a pattern index in the following "Start Index" field..The sum of the number and the number of bars or serieses should be less than or equal to 54.

Textured Fill, Fill the bars with pre-defined textures, input a texture index in the following "Start Index" field.. The sum of the number and the number of bars or serieses should be less than or equal to 24.

Pictured Fill, Fill the bars with given pictures. First, include your image files in "pic" directory, the name of the images should be "pic1.jpg", "pic2.jpg", "pic3.jpg" etc. Then set the "pic" directory in the same directory with xlChart+ add-in or in a custom directory. Select "The Same Path" option button or select the second option button and input the custom directory.

6.1.2 Drawing a 2D Area Chart

Data format:

×	Book1 🗸				♀ Search					JS	Q –	0 ×
File	Home Ir	nsert Page Lay	out Formulas	Data Revie	w View De	veloper Help	xlwings xlC	hart+	• • • • •		Comments	🖻 Share ~
Li	ne Bar He	prizontal Area	Pie Histog	ram KDE Scat	tter Heatmap	Boxplot Violin	Cloud Rain QQ P	P Compare V	📄 🔛 🤇	er's Demo		
Cha	rt v Chart v Ba	r Chart ~ Chart ~	Chart ~ ~	Chart Y Char	rt ∽ Chart ∽	Chart ~ Chart ~	Chart ~ Chart	∽ Means ∽ S	ite Now Gu	ide Version		
A 1	Catego.			Numerical Cha	ints	51			xichart+			~
AI	× :	$\times \checkmark Jx \checkmark$	~	-	-	-				-		
1	A	B	C	D	E	F	G	H	1	J	K	i
1	-	A	B	0.170701	D 0.00074	E	G 464070	1	J			
2	a 1-	0.053628	0.111151	0.1/2/81	0.23874	0.309261	0.4649/9	0.642035	0.739275			
3	D	0.244482	0.543087	0.904802	1.339941	1.860325	3.212945	5.096055	6.289046			
4	C 1	0.483062	1.11/468	1.938781	2.98999	4.322969	8.096826	13.9272	17.89879			
5	d	0.662881	1.578199	2.818053	4.47/2847	6.655646	13.20416	24.05733	31.82007			
6	e	0.669854	1.630787	2.977664	4.832831	7.35358	15.25462	29.06164	39.30654			
7	f	0.384911	0.954325	1.774568	2.933167	4.545191	9.778917	19.32172	26.61391			
8	g	0	0	0	0	0	0	0	0			
9										2		
10												
11												
12												
<	Sheet She											

button in xlChart+ ribbon and click "2D" item to open Select A1:D8, click "Create an Area Chart" dialog box.

Using column data for the plot, click "OK" button.







6.1.3 Color Scheme

Select different colormaps in "Select a Colormap" combo box.

Turbo colormap







Jet colormap



6.1.4 Solid Fill

Select "Solid Fill" option button.



6.1.5 Opacity

Set transparency 0.6 in "Alpha" field.



6.1.6 Clustered Area Chart

The default 2d area chart type is stacked chart. Select "Complex" item in "Type" combo box.



6.1.7 100% Stacked Area Chart

Select "100% Stacked" item in "Type" combo box.







6.1.8 Patterned Fill





■A ■B ≤C ⊪D ⊗E ⊠G ♥I ■J

6.1.9 Textured Fill

Textured fill



6.1.10 Pictured Fill

Pictured fill



6.2 3D Area Chart

6.2.1 `Create a 3D Area Chart` Dialog Box

The "Create a 3D Area Chart" dialog box is shown below

Create a 3D Area Chart	×							
Data Range A1:18 Data Direction Column Data Type Stacked Use Colormap Select a Colormap Parula								
Alpha 0.3								
C Solid Fill Gradient Fill C Patterned Start Index 1								
C Textured Fill Start Index 1 C Pictured Fill The Same Path C								
OK Cancel								

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

Data Direction, Row data or column data can be used.

Type, Select the type of bar charts, including clustered area chart, stacked area chart and 100% stacked area chart.

Use Colormap, Whether to use a colormap.

Select a Colormap, Specifies a colormap.

Alpha: Transparency, 0-1.

Solid Fill: Fill the bars with a single color.

Gradient Fill, Fill the bars with.gradient colors, select the gradient types in "Fill Type" combo box..

Patterned Fill, Fill the bars with patterns, input a pattern index in the following "Start Index" field. The sum of the number and the number of bars or serieses should be less than or equal to 54.

Textured Fill, Fill the bars with pre-defined textures, input a texture index in the following "Start Index" field.. The sum of the number and the number of bars or serieses should be less than or equal to 24.

Pictured Fill, Fill the bars with given pictures. First, include your image files in "pic" directory, the name of the images should be "pic1.jpg", "pic2.jpg", "pic3.jpg" etc. Then set the "pic" directory in the same directory with xlChart+ add-in or in a custom directory. Select "The Same Path" option button or select the second option button and input the custom directory.

	Book1 🗸				✓ Search					JS	Q –	o ×
Fil	e Home	Insert Page La	yout Formulas	Data Revie	w View De	veloper Help	xlwings xlC	hart+			Comments	🖻 Share 🗸
L Ch	ine Bar art Y Chart Y Ca	Horizontal Area Bar Chart ~ Chart ~ tegorical Charts	Pie Chart ~ ~	ram KDE Scat Chart ~ Cha	ter Heatmap t Y Chart Y rts	Boxplot Violin Chart Y Chart Y St	Cloud Rain QQ P Chart ~ Chart atistical Charts	P Compare Y Means Y	Veb Buy Use Site Now Gui xlChart+	er's Demo ide Version		^
Al	~	$\cdot \times \sqrt{f_x}$										~
	А	В	С	D	Е	F	G	Н	Ι	J	Κ	1
1		А	В	С	D	E	G	Ι	J			
2	a	0.053628	0.111151	0.172781	0.23874	0.309261	0.464979	0.642035	0.739275			
3	b	0.244482	0.543087	0.904802	1.339941	1.860325	3.212945	5.096055	6.289046			
4	с	0.483062	1.117468	1.938781	2.98999	4.322969	8.096826	13.9272	17.89879			
5	d	0.662881	1.578199	2.818053	4.472847	6.655646	13.20416	24.05733	31.82007			
6	e	0.669854	1.630787	2.977664	4.832831	7.35358	15.25462	29.06164	39.30654			
7	I	0.384911	0.954325	1.774568	2.933167	4.545191	9.778917	19.32172	26.61391			
8	g	0	0	0	0	0	0	0	0			
10												
11												
12												
<	>	Sheet1 Sheet	2 Sheet4	Sheet5 Shee	t6 Sheet7	Sheet8 Sh	ie ••• + :	-				
Read	v 🖬 🏠	Accessibility: Investiga	ite			Average: 5.8	15375713 Count	: 71 Sum: 325.66	10399			

6.2.2 Drawing a 3D Area Chart

Select A1:D8, click — button in xlChart+ ribbon and click "3D" item to open "Create a 3D Area Chart" dialog box.

Using column data for the plot, click "OK" button.



Using column data for the plot.



Select different colormaps in "Select a colormap" combo box.

Turbo colormap







Summer colormap



Solid fill, transparency=0



Solid fill, transparency=0.3







Textured fill






7 Pie Chart

7.1 2D Pie Chart

7.1.1 'Create a Pie Chart' Dialog Box

The "Create a Pie Chart" dialog box is shown below

Create a Pie Chart	×
Data Range A1:A6 Exploded Data Range B1:B6 Data Direction Column Data 💌	
 ✓ Use Colormap Select a Colormap Parula ✓ 	
Fill	
OK Cancel	

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

Exploded Data Range, The cell range containing the exploded data for the chart.

Data Direction, Row data or column data can be used.

Use Colormap, Whether to use a colormap.

Select a Colormap, Specifies a colormap.

Alpha: Transparency, 0-1.

Solid Fill: Fill the bars with a single color.

Patterned Fill, Fill the bars with patterns, input a pattern index in the following "Start Index" field. The sum of the number and the number of bars or serieses should be less than or equal to 54.

Textured Fill, Fill the bars with pre-defined textures, input a texture index in the following "Start Index" field.. The sum of the number and the number of bars or serieses should be less than or equal to 24.

Pictured Fill, Fill the bars with given pictures. First, include your image files in "pic" directory, the name of the images should be "pic1.jpg", "pic2.jpg","pic3.jpg" etc. Then set the "pic" directory in the same directory with xlChart+ add-in or in a custom directory. Select "The Same Path" option button or select the second option button and input the custom directory.

7.1.2 Drawing a Pie Chart

Data format:

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File	Home	Insert Page La	ayout Formulas	Data Revie	ew View D	eveloper Help	xlwings xlC	hart+			Comment:	5 🖻 Share 🗸
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Chi	ırt ∽ Chart ∽	Bar Chart ∽ Chart ∽	· Chart · · ·	Chart ∽ Cha	rt ∽ Chart ∽	Chart Y Chart Y	Chart ∽ Chart	✓ Means ✓	Site Now Gu	ide Version		
-	Cat	tegorical Charts		Numerical Ch	arts	St	atistical Charts		xlChart+			
A1	~	$\times \checkmark f_{x} \sim$	0.739275	301957518								~
	А	В	С	D	Е	F	G	Н	Ι	J	Κ	14
1	0.7392	75 (0									
2	6.28904	46	1									
3	17.8983	79 (0									
4	31.8200	07 (0									
5	39.3065	54	1									
6	26.6139	91 (0									
7		1										
8												
9												
10												
11												
12												
<	>	Sheet1 Shee	t2 Sheet4	Sheet5 Shee	et6 Sheet7	Sheet8 Sh	ne ••• + :	-	-			-
Ready	· 6 %	Accessibility: Investig	ate			Average: 20).44460641 Coun	t: 6 Sum: 12	2.6676385			

Select A1:A6, click *vert* button in xlChart+ ribbon and click "2D" item to open "Create a Pie Chart" dialog box.click "OK" button.



Input "B1:B6" in "Exploded Data Range" field, click "OK" button.



7.1.3 Color Scheme

Select different colormaps in "Select a Colormap" combo box.

Turbo colormap



Summer colormap



Deselect "Use Colormap" check box, create the default Excel pie chart.



7.1.4 Patterned Fill

Patterned fill



7.1.5 Textured Fill

Textured fill



7.1.6 Pictured Fill

Pictured fill



7.2 3D Pie Chart

7.2.1 'Create a 3D Pie Chart' Dialog Box

The "Create a 3D Pie Chart" dialog box is shown below

Create a 3D Pie Chart	×
Data Range A1:A6	
Exploded Data Range B1:B6	
Data Direction Column Data 💌	
Type 1	
✓ Use Colormap	
Select a Colormap Parula 💌	
Alpha 0	
Fill	
Solid Fill	
C Patterned Start Index 1	
C Textured Fill Start Index 1	
C Pictured Fill C The Same Path C	
OK Cancel	

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

Exploded Data Range, The cell range containing the exploded data for the chart.

Data Direction, Row data or column data can be used.

Type: Select a 3d pie type in this combo box.

Use Colormap, Whether to use a colormap.

Select a Colormap, Specifies a colormap.

Alpha: Transparency, 0-1.

Solid Fill: Fill the bars with a single color.

Patterned Fill, Fill the bars with patterns, input a pattern index in the following "Start Index" field. The sum of the number and the number of bars or serieses should be less than or equal to 54.

Textured Fill, Fill the bars with pre-defined textures, input a texture index in the following "Start Index" field.. The sum of the number and the number of bars or serieses should be less than or equal to 24.

Pictured Fill, Fill the bars with given pictures. First, include your image files in "pic" directory, the name of the images should be "pic1.jpg", "pic2.jpg","pic3.jpg" etc. Then set the "pic" directory in the same directory with xlChart+ add-in or in a custom directory. Select "The Same Path" option button or select the second option button and input the custom directory.

7.2.2 Drawing a 3D Pie Chart

Select A1:A6, click button in xlChart+ ribbon and click "3D-Type 1" item to open "Create a 3D Pie Chart" dialog box.click "OK" button.



Input "B1:B6" in "Exploded Data Range" field, click "OK" button.



7.2.3 Opacity

Input 0.3 in "Alpha" field, click "OK" button.



7.2.4 Patterned Fill

Patterned fill



7.2.5 Textured Fill

Textured fill



7.2.6 Pictured Fill

Pictured fill



7.2.7 3D Pie Chart Style 2

Select A1:A6, click button in xlChart+ ribbon and click "3D-Type 2" item to open "Create a 3D Pie Chart" dialog box. Input "B1:B6" in "Exploded Data Range" field, click "OK" button.



Patterned fill



Textured fill



Pictured fill



7.2.8 3D Pie Chart Style 3

Select A1:A6, click button in xlChart+ ribbon and click "3D-Type 3" item to open "Create a 3D Pie Chart" dialog box. Input "B1:B6" in "Exploded Data Range" field, click "OK" button.



Patterned fill



Textured fill



Pictured fill



7.3 Doughnut Chart

7.3.1 `Create a Doughnut Chart` Dialog Box

The "Create a Doughnut Chart" dialog box is shown below

Create a Doughnut Chart	×
Data Range A1:A6 Exploded Data Range	
Data Direction Column Data	
Select a Colormap Parula	
Alpha 0	
Solid Fill	
C Patterned Start Index 1	
C Textured Fill Start Index 1	
Pictured Fill O The Same Path O	
OK Cancel	

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

Exploded Data Range, The cell range containing the exploded data for the chart.

Data Direction, Row data or column data can be used.

Use Colormap, Whether to use a colormap.

Select a Colormap, Specifies a colormap.

Alpha: Transparency, 0-1.

Solid Fill: Fill the bars with a single color.

Patterned Fill, Fill the bars with patterns, input a pattern index in the following "Start Index" field. The sum of the number and the number of bars or serieses should be less than or equal to 54.

Textured Fill, Fill the bars with pre-defined textures, input a texture index in the following "Start Index" field.. The sum of the number and the number of bars or serieses should be less than or equal to 24.

Pictured Fill, Fill the bars with given pictures. First, include your image files in "pic" directory, the name of the images should be "pic1.jpg", "pic2.jpg","pic3.jpg" etc. Then set the "pic" directory in the same directory with xlChart+ add-in or in a custom directory. Select "The Same Path" option button or select the second option button and input the custom directory.

7.3.2 Drawing a Doughnut Chart

Select A1:A6, click button in xlChart+ ribbon and click "Doughnut" item to open "Create a Doughnut Chart" dialog box, click "OK" button.



. Input "B1:B6" in "Exploded Data Range" field, click "OK" button.



Patterned fill



Textured fill



Pictured fill



8 Histogram

8.1 Univariate Histogram

8.1.1 `Create a Histogram Chart` Dialog Box

The "Create a Histogram Chart" dialog box is shown below

Create a Histogram Chart X
Data Range A2:A1001
I ne value of the 1st row is a label
The Number of Bins 10
Use Colormap
Select a Colormap Parula 💌
OK Cancel

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

The value of the 1st row is a label, Shows whether the value of the 1st cell is a label.

The Number of Bins: Specify the number of bins.

Use Colormap, Whether to use a colormap.

Select a Colormap, Specifies a colormap.

8.1.2 Monochromatic Univariate Histogram

Data format:

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File	e Ho	m Insei	Pag	e Form [Data	Revi	>
H2		~ :	\times	$\checkmark f_{x}$			~
		A		В		С	
1	Α		В				
2	0).537	7	0.673	37		
3	1	.833	9	-0.669	91		
4	-2	2.258	8	-0.400	03		
5	0	.862	2	-0.67	18		
6	0	.318	8	0.575	56		
7	-1	.307	7	-0.778	81		
8	-0).433	6	-1.063	36		
9	0).342	6	0.5	53		
10	3	8.578	4	-0.423	34		
11	2	2.769	4	0.36	16		
12	-]	.349	9	-0.35	19		-
<	>			+ : (•		Þ
			巴		-		- +

Select A2:A1001, click ... button in xlChart+ ribbon and click "Univariate-Single Color" item to open "Create a Histogram Chart" dialog box, click "OK" button.



8.1.3 Adjusting the Number of Bins





8.1.4 Multicolored Univariate Histogram

Select "User Colormap" check box, click "OK" button.



Select Turbo colormap in "Select a Colormap" combo box, click "OK" button.



8.2 Bivariate Histogram

8.2.1 `Create a Bivariate Histogram Chart` Dialog Box

The "Create a Bivariate Histogram Chart" dialog box is shown below

Create a Bivariate Histogram Chart X
Data Range of X A2:A1001 Data Range of Y B2:B1001
The values of the 1st Line are labels
The Number of Bins 10
🔽 Use Colormap
Select a Colormap Parula 💌
OK Cancel

The meanings of the controls are:

Data Range of X, The cell range containing the data X for the chart.

Data Range of Y, The cell range containing the data Y for the chart.

The value of the 1st row is a label, Shows whether the values of the 1st row are labels.

The Number of Bins: Specify the number of bins.

Use Colormap, Whether to use a colormap.

Select a Colormap, Specifies a colormap.

8.2.2 Multi-colored Bivariate Histogram

Data format:



Select A2:A1001, click ... button in xlChart+ ribbon and click "Bivariate" item to open "Create a Bivariate Histogram Chart" dialog box, input B2:B1001 in "Data Range of Y" field, click "OK" button.



Turbo colormap



Hot1 colormap

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8.2.3 One-colored Bivariate Histogram



Deselect "Use Colormap" check box, click "OK" button.

8.2.4 Adjusting the Number of Bins

Deselect "Use Colormap" check box, input "6" in "The Number of Bins" field, click "OK" button.



8.3 Binscatter Chart

In a bivariate histogram, the height of each bar represents the number of data points in each bin, while in a binscatter chart, the color represents the number of data points in each bin.

8.3.1 `Create a Biscatter Chart` Dialog Box

The "Create a Biscatter Chart" dialog box is shown below

Create a Binscatter Chart X
Data Range of X A2:A1001
Data Range of Y B2:B1001
The values of the 1st row are labels
The Number of Bins 10
Add Data Labels
Select a Colormap Parula
OK Cancel

The meanings of the controls are:

Data Range of X, The cell range containing the data X for the chart.

Data Range of Y, The cell range containing the data Y for the chart.

The value of the 1st row is a label, Shows whether the values of the 1st row are labels.

The Number of Bins: Specify the number of bins.

Add Data Labels, Whether to add data labels to the binscatter chart..

Select a Colormap, Specifies a colormap.

8.3.2 Plotting a Binscatter Chart

Data format:

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File	Hom Inser	Page Form Data	Revi
H2	~ :	$\times \checkmark f_x \sim$	~
	А	В	C
1	Α	В	•
2	0.5377	0.6737	
3	1.8339	-0.6691	
4	-2.2588	-0.4003	
5	0.8622	-0.6718	
6	0.3188	0.5756	
7	-1.3077	-0.7781	
8	-0.4336	-1.0636	
9	0.3426	0.553	
10	3.5784	-0.4234	
11	2.7694	0.3616	
12	-1.3499	-0.3519	•
<	>	+ : ••	•
		────	++

Select A2:A1001, click ... button in xlChart+ ribbon and click "Binscatter" item to open "Create a Binscatter Chart" dialog box, input B2:B1001 in "Data Range of Y" field, click "OK" button.



8.3.3 Adjusting the Number of Bins

Input 15 in "The Number of Bins" field, click "OK" button.



Binscatter Plot

8.3.4 Annotating the Number of Data Points in Each Bin

Select "Add Data Labels" check box, click "OK" button.



8.3.5 Using a Different Colormap

Select different colormaps in "Select a Colormap" combo box.

Summer colormap



HSV colormap



Binscatter Plot

9 Kernel Density Estimation (KDE) Plot

9.1 Univariate Kernel Density Estimation Curve

9.1.1 `Create a KDE Chart` Dialog Box

The "Create a KDE Chart" dialog box is shown below

Create a KDE Chart	\times
Data Range A2:A1001	
The value of the 1st row is a label	
x From -8 To 15	
Filled	
Transparency 0.5	
Gradient Fill	
Use Colormap	
Select a Colormap Parula 💌	
Fill Direction Vertical Filling	
OK Cancel	

The meanings of the controls are:

Data Range, The cell range containing the data X for the chart.

The value of the 1st row is a label, Shows whether the values of the 1st row are labels.

X From: The minimum value in x range.

To: The maximum value in x range.

Filled: Wether fill the region under the kde curve.

Transparency: Transparency of the filled region,0-1.

Gradient Fill: Whether to fill the region under the kde curve with gradient colors.

Use Colormap, Whether to use colormap to fill the region...

Select a Colormap, Specifies a colormap.

Fill Direction: Specifies the direction of filling.

9.1.2 Plotting the Curve

×	Book1 ∨				𝒫 Search]	JS	Q –	
Fil	e Home In:	sert Page Lay	out F	ormulas Data	Review View	Developer	Help xlwing	s xlChart+		Comments	🖻 Share ~
L Cł	ine Bar Ho art ~ Chart ~ Bar Catego	rizontal Area Chart ~ Chart ~ C rical Charts	♥ Pie Chart ∽	Histogram V Num	E Scatter Heatm Tt Chart Chart erical Charts	ap Boxplot ~ Chart ~ (Violin Cloud Rain Chart ~ Chart ~ Statistical Ch	QQ PP Compare Chart ~ Means ~	Web B Site N	uy User's Demo ow Guide Versio xlChart+	n A
J1	2 ~ :	$\times \checkmark f_x \checkmark$									~
	А	В	С	D	Е	F	G	Η	Ι	J	K
1	A	В									•
2	0.5377	0.6737									
3	1.8339	-0.6691									
4	-2.2588	-0.4003									
5	0.8622	-0.6718									
6	0.3188	0.5756									
7	-1.3077	-0.7781									
8	-0.4336	-1.0636									
9	0.3426	0.553									
10	3.5784	-0.4234									
11	2.7694	0.3616									
12	-1.3499	-0.3519									
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Select A2:A1001, click button in xlChart+ ribbon and click "Universate KDE Curve" item to open "Create a KDE Chart" dialog box, click "OK" button.


9.2 Filling the Area Under the Curve with Color

9.2.1 Monochromatic Filling

Select A2:A1001, click button in xlChart+ ribbon and click "Universate KDE Curve-1 Color" item to open "Create a KDE Chart" dialog box, click "OK" button.



9.2.2 Bicolor Gradient Filling

Select A2:A1001, click button in xlChart+ ribbon and click "Universate KDE Curve-1 Gradient" item to open "Create a KDE Chart" dialog box, click "OK" button.



9.2.3 Multi-color Gradient Fill

Select A2:A1001, click button in xlChart+ ribbon and click "Universate KDE Curve-Colormap" item to open "Create a KDE Chart" dialog box, click "OK" button.



Select another direction in "Fill Direction" combo box.

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9.2.4 Ridge Chart

Use "Create a Ridge Chart" dialog box to create a ridge chart.

Create a Ridge Chart	×
Data Range A1:A800 Grouped Range B1:B800	
The value of t	he 1st row is a label
x From -10 To	10
✓ Filled	
Transparency 0.5	
🔽 Gradient Fill	
Select a Colormap Parul	a 🔻
OK Can	cel

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

Grouped Range: The cell range containing the grouped data for the chart.

The value of the 1st row is a label, Shows whether the values of the 1st row are labels.

X From: The minimum value in x range.

To: The maximum value in x range.

Filled: Wether fill the region under the kde curve.

Transparency: Transparency of the filled region,0-1.

Gradient Fill: Whether to fill the region under the kde curve with gradient colors.

Select a Colormap, Specifies a colormap.

The data format is shown below. The first column is the data to plot, and the second column is the categorical variable. The data should be grouped according to the values of the categorical variable, and then the plot for each group should be drawn.

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	А			В		С		D
1	-0.92	546		1				
2	0.09	866		1				
3	1.68	428		1				
4	0.275	259		1				
5	0.353	289		1				
6	-1.20	038		1				
7	0.166	129		1				
8	0.776	162		1				
9	-1.38	144		1				
10	1.128	279		1				
11	2.46	544		1				
12	-1.55	792		1				-
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Select A1:A800, click button in xlChart+ ribbon and click "Ridge Chart" item to open "Create a KDE Chart" dialog box, input B1:B800 in "Grouped Data Range" field, click "OK" button.



Deselect "Gradient Fill" check box, click "OK" button.

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Turbo colormap

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9.2.5 Complex Univariate Kernel Density Estimate Curve

Use "Create a Complex KDE Chart" dialog box to create a complex kde chart.

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https://www.chartaddin.com

Create a Complex KDE Chart X
Data Range A2:B1001
The value of the 1st row is a label
x From -8 To 15
✓ Filled
Transparency 0.5
Gradient Fill
Select a Colormap Parula
OK Cancel

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

The value of the 1st row is a label, Shows whether the values of the 1st row are labels.

X From: The minimum value in x range.

To: The maximum value in x range.

Filled: Wether fill the region under the kde curve.

Transparency: Transparency of the filled region,0-1.

Gradient Fill: Whether to fill the region under the kde curve with gradient colors.

Select a Colormap, Specifies a colormap.

data format:

×	Book1 🗸			ρs	Gearch				s Q —	o x	
File	Home Ins	sert Page Lay	out Formulas	Data Revie	w View D	eveloper Help	xlwings xlC	hart+	🖵 Commen	ts 🖻 🖻 Share 🗸	
Lin	ne Bar Hor rt ~ Chart ~ Bar	rizontal Area Chart ~ Chart ~	Pie Histog Chart ~ ~	yram KDE Scat Chart ~ Cha	tter Heatmap rt ~ Chart ~	Boxplot Violin Chart ~ Chart ~	Cloud Rain QQ P Chart ~ Chart	P Compare • Means •	×lChart + ×		
	Categorical Charts Numerical Charts Statistical Charts ^										
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	А	В	С	D	Е	F	G	Н	Ι	J	
1	y1	y2									
2	-0.92546	2.407386									
3	0.09866	2.437546									
4	1.68428	3.166992									
5	0.275259	2.432942									
6	0.353289	2.026516									
7	-1.20038	3.147757									
8	0.166129	4.158863									
9	0.776162	2.126693									
10	-1.38144	1.859476									
11	1.128279	3.138475									
12	2.46544	1.592775									
13	-1.55792	0.61692									
<	> ••• Sł	neet4 Sheet	5 Sheet6	Sheet7 Shee	et8 Sheet9	+ :	-	_	_	•	
Ready	💿 🛱 Acce	ssibility: Investigat	te						<u> </u>	+ 100%	

Select A2:B101, click button in xlChart+ ribbon and click "Universate Complex KDE Curve" item to open "Create a Complex KDE Chart" dialog box, click "OK" button.



10 Scatter Chart

10.1 Simple Scatter Chart

10.1.1 "Create a Scatter Chart" Dialog Box

Use "Create a Scatter Chart" dialog box to create a complex kde chart.

Create a Scatter Chart X								
Data Range A1:B100								
The value of the 1st row is a label								
☑ Use Colormap To Color Complex Scatters								
Select a Colormap Parula 💌								
OK Cancel								

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

The value of the 1st row is a label, Shows whether the values of the 1st row are labels.

Use Colormap: Whether to use a colormap..

Select a Colormap, Specifies a colormap.

10.1.2 Plotting a Simple Scatter Chart

The data format is:

×	Book1 ∨			₽ s	earch				Q SI	-		×
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Li	ne Bar Hor art ~ Chart ~ Bar	rizontal Area Chart ~ Chart ~	Pie Histog Chart ~ ~	ram KDE Scat Chart ~ Char	ter Heatmap t Y Chart Y	Boxplot Violin Chart ~ Chart ~	Cloud Rain QQ I Chart ~ Chart	PP Compare t Means ~	xlChart + ~			
	Catego	rical Charts		Numerical Cha	rts	S	tatistical Charts					^
A1	A1 \sim : $\times \checkmark f_x \sim$ 0.5376671395461 \sim											~
	А	В	С	D	Е	F	G	Н	Ι		J	
1	0.537667	0.183227	0.840376	0.079934								
2	1.833885	-1.02977	-0.88803	-0.94848								
3	-2.25885	0.949222	0.100093	0.411491								
4	0.862173	0.307062	-0.54453	0.676978								
5	0.318765	0.135175	0.303521	0.857733								
6	-1.30769	0.515246	-0.60033	-0.69116								
7	-0.43359	0.261406	0.489965	0.449378								
8	0.342624	-0.94149	0.739363	0.100633								
9	3.578397	-0.16234	1.711888	0.82607								
10	2.769437	-0.14605	-0.19412	0.536157								
11	-1.34989	-0.53201	-2.13836	0.897888								
12	3.034923	1.682104	-0.83959	-0.13194								
13	0.725404	-0.87573	1.354594	-0.1472								
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Ready	n 🗊 🛱 Acce	ssibility: Investigat	e	Averag	e: 0.006146017	Count: 200 Sum	1.229203346		─	-	- + 1	00%

Select A1:B100, click - button in xlChart+ ribbon and click "Scatter Chart" item to open "Create a Scatter Chart" dialog box, click "OK" button.



Deselect "Use Colormap" check box, click "OK" button.

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10.2 Complex Scatter Plot

Select A1:D100, click _____ button in xlChart+ ribbon and click "Scatter Chart" item to open "Create a Scatter Chart" dialog box, click "OK" button.



Turbo colormap

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11 Jittered Scatter Chart

11.1 "Create a Jittered Scatter Chart" Dialog Box

Use "Create a Jittered Scatter Chart" dialog box to create a complex kde chart.

Create a Jittered Scatter Chart X
Data Range A1:A90 Grouped Range B1:B90
The value of the 1st row is a label
Direction Vertical
Jittered
Select a Colormap Parula 💌
OK Cancel

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

Grouped Range: The cell range containing the grouped data for the chart.

The value of the 1st row is a label, Shows whether the values of the 1st row are labels.

Direction: The orientation of the chart.

Jittered: Whether to jitter the scatter..

Select a Colormap, Specifies a colormap.

11.2 Plotting a Jittered Scatter Chart

Data format

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File	e Home In	sert Page Lay	yout Formula	s Data Revi	ew View D	eveloper Help	xlwings xlC	hart+	₽	r •		
L	ine Bar Ho art ~ Chart ~ Bar	rizontal Area Chart ~ Chart ~	Pie Histo Chart ~	gram KDE Sca Chart ~ Cha	atter Heatmap art ~ Chart ~	Boxplot Violin Chart ~ Chart ~	Cloud Rain QQ Pl Chart ~ Chart	Compare Means Y	xlChart + ~			
	Catego	rical Charts		Numerical Ch	arts	St	atistical Charts			^		
H1	$H13 \checkmark : \times \checkmark f_{x} \sim [\qquad \checkmark]$											
	А	В	С	D	E	F	G	Η		I		
1	-1.14795	1								- 1		
2	0.104875	1										
3	0.722254	1										
4	2.585491	1										
5	-0.66689	1										
6	0.187331	1										
7	-0.08249	1										
8	-1.93302	1										
9	-0.43897	1										
0	-1.79468	1										
1	0.840376	1										
12	-0.88803	1										
13	0.100093	1										
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	— * .					m						

Select A1:A90, click ¹-¹ button in xlChart+ ribbon and click "Scatter Chart" item to open "Create a Jittered Scatter Chart" dialog box, input B1:B90 in "Grouped Range" field, click "OK" button.



Deselect "Jittered" check box, click "OK" button.

xlChart+ 1.0 User's Guide https://www.chartaddin.com



Turbo colormap







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Horizontal orientation



12 Regular Scatter Plot

12.1 "Create a Regular Scatter Chart" Dialog Box

Use "Create a Regular Scatter Chart" dialog box to create a complex kde chart.

Create a Regular Scatter Chart									
Data Range A1:J11									
☑ The values of the 1st row are labels									
The values of the 1st row are labels									
Type Circle Regular Scatter Chart 💌									
Select a Colormap Parula									
OK Cancel									

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

The values of the 1st row are Labels, Shows whether the values of the 1st row are labels.

The values of the 1st column are Labels, Shows whether the values of the 1^{st} column are labels.

Type: The type of the chart.

Select a Colormap, Specifies a colormap.

12.2 Plotting a Regular Scatter Chart

Data format

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1			A1	A2	A3	A4	A5	A6	A7	A8	A9		
2	B1		0.07	0.07	0.08	0.11	0.13	0.16	0.16	0.08	0.11		
3	B2		0.16	0.19	0.2	0.21	0.25	0.26	0.26	0.2	0.21		_
4	B 3		0.12	0.19	0.19	0.21	0.23	0.15	0.25	0.19	0.21		_
5	B4		0.16	0.17	0.21	0.28	0.2	0.2	0.16	0.21	0.28		
6	B5		0.17	0.21	0.24	0.31	0.27	0.19	0.13	0.24	0.31		_
7	B6		0.19	0.24	0.24	0.24	0.26	0.26	0.2	0.24	0.24		_
8	B7		0.18	0.23	0.25	0.25	0.33	0.23	0.13	0.25	0.25		
9	B 8		0.18	0.24	0.21	0.23	0.18	0.24	0.18	0.21	0.23		
10	B9		0.17	0.2	0.26	0.25	0.25	0.29	0.23	0.26	0.25		
11	B10)	0.14	0.14	0.2	0.23	0.22	0.25	0.22	0.2	0.23		
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Select A1:A90, click - button in xlChart+ ribbon and click "Regular Scatter" item to open "Create a Regular Scatter Chart" dialog box, click "OK" button.



Regular Scatter

Turbo colormap

xlChart+ 1.0 User's Guide https://www.chartaddin.com



Hot1 colormap



Regular Scatter



13 Heatmap

13.1 "Create a Heatmap Chart" Dialog Box

Use "Create a Heatmap Chart" dialog box to create a heatmap chart.

Create a Heatmap Chart X								
Data Range A1:J10								
☑ The values of the 1st row are labels								
\overline{ullet} The values of the 1st column are labels								
Type Normal Heatmap 💌								
Select a Colormap Parula								
Show Data Labels								
OK Cancel								

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

The values of the 1st row are Labels, Shows whether the values of the 1^{st} row are labels.

The values of the 1st column are Labels, Shows whether the values of the 1^{st} column are labels.

Type: The type of the chart.

Select a Colormap, Specifies a colormap.

Show Data Labels: Whether to show data labels.

13.2 Drawing a Regular Heatmap

Data format

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1	D 1		A1	A2	A3	A4	A5	A6	A/	A8	A9		-1
2	BI		0.07	0.07	0.08	0.11	0.13	0.16	0.16	0.08	0.11		-11
3	B2		0.16	0.19	0.2	0.21	0.25	0.26	0.26	0.2	0.21		-11
4	B3		0.12	0.19	0.19	0.21	0.23	0.15	0.25	0.19	0.21		-11
5	B4		0.16	0.17	0.21	0.28	0.2	0.2	0.16	0.21	0.28		-11
6	B5		0.17	0.21	0.24	0.31	0.27	0.19	0.13	0.24	0.31		-11
7	B 6		0.19	0.24	0.24	0.24	0.26	0.26	0.2	0.24	0.24		-11
8	B7		0.18	0.23	0.25	0.25	0.33	0.23	0.13	0.25	0.25		
9	B8		0.18	0.24	0.21	0.23	0.18	0.24	0.18	0.21	0.23		
10	B9		0.17	0.2	0.26	0.25	0.25	0.29	0.23	0.26	0.25		
11	B10)	0.14	0.14	0.2	0.23	0.22	0.25	0.22	0.2	0.23	23	
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Select A1:J10, click ... button in xlChart+ ribbon and click "Normal Heatmap" item to open "Create a Heatmap Chart" dialog box, click "OK" button.



13.3 Adding Data Labels to Heatmap

Select "Show Data Labels" check box, click "OK" button.

232		

B1	0.07	0.07	0.08	0.11	0.13	0.16	0.16	0.08	0.11	
B2	0.16	0.19	0.20	0.21	0.25	0.26	0.26	0.20	0.21	0.3
B3	0.12	0.19	0.19	0.21	0.23	0.15	0.25	0.19	0.21	0.2
B4	0.16	0.17	0.21	0.28	0.20	0.20	0.16	0.21	0.28	
B5	0.17	0.21	0.24	0.31	0.27	0.19	0.13	0.24	0.31	0.1
B6	0.19	0.24	0.24	0.24	0.26	0.26	0.20	0.24	0.24	
B7	0.18	0.23	0.25	0.25	0.33	0.23	0.13	0.25	0.25	
B8	0.18	0.24	0.21	0.23	0.18	0.24	0.18	0.21	0.23	
В9	0.17	0.20	0.26	0.25	0.25	0.29	0.23	0.26	0.25	
•	A1	A2	A3	A4	A5	A6	A7	A8	A9	•

13.4 Using Different Colormaps

Select different colormaps in "Select a Colormap" combo box.

Turbo colormap



Hot colormap

B1			0.08	0.11	0.13	0.16	0.16	0.08	0.11	
B2	0.16	0.19	0.20	0.21	0.25	0.26	0.26	0.20	0.21	0.3
B3		0.19	0.19	0.21	0.23	0.15	0.25	0.19	0.21	0.2
B4	0.16	0.17	0.21	0.28	0.20	0.20	0.16	0.21	0.28	
B5	0.17	0.21	0.24	0.31	0.27	0.19	0.13	0.24	0.31	0.1
B6	0.19	0.24	0.24	0.24	0.26	0.26	0.20	0.24	0.24	
B7	0.18	0.23	0.25	0.25	0.33	0.23	0.13	0.25	0.25	
B8	0.18	0.24	0.21	0.23	0.18	0.24	0.18	0.21	0.23	
B9	0.17	0.20	0.26	0.25	0.25	0.29	0.23	0.26	0.25	
	A1	A2	A3	A4	A5	A6	A7	A8	A9	•

Hot1 colormap



Hot2 colormap



13.5 Circle Heatmap

Select A1:J10, click ... button in xlChart+ ribbon and click "Circle Heatmap" item to open "Create a Heatmap Chart" dialog box, select "Show Data Labels" check box, click "OK" button.



13.6 Square Heatmap

Select A1:J10, click ... button in xlChart+ ribbon and click "Square Heatmap" item to open "Create a Heatmap Chart" dialog box, select "Show Data Labels" check box, click "OK" button.



13.7 Triangular Square Heatmap

Select A1:J10, click ... button in xlChart+ ribbon and click "Triangular Square Heatmap" item to open "Create a Heatmap Chart" dialog box, click "OK" button.



14 Box Plot

14.1 "Create a Boxplot" Dialog Box

Use "Create a Boxplot" dialog box to create a boxplot.

Create a Boxplot	×
Data Range A1:A90 Grouped Range B1:B90	
The value of the 1st row is a label Direction Vertical	I
🗍 Gradient Fill	
Use Colormap	
Select a Colormap Parula 💌	
OK Cancel	

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

Grouped Range: The cell range containing the grouped data for the chart.

The value of the 1st row is a Label, Shows whether the values of the 1st row are labels.

Direction: The orientation of the chart.

Gradient Fill: Whether to fill the box with gradient colors..

Use Colormap: Whether to use colormaps.

Select a Colormap, Specifies a colormap.

14.2 Drawing Boxplots

Data format

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1	-1.14795	1																_1
2	0.104875	1																
3	0.722254	1																
4	2.585491	1																
5	-0.66689	1																
6	0.187331	1																
7	-0.08249	1																
8	-1.93302	1																
9	-0.43897	1																
10	-1.79468	1																
11	0.840376	1																
12	-0.88803	1																
13	0.100093	1																-
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Select A1:A90, click _____ button in xlChart+ ribbon and click "Boxplot-1 Color" item to open "Create a Boxplot" dialog box, input B1:B90 in "Grouped Data Range" field, click "OK" button.



14.3 Multi-colored Boxplots

Select A1:A90, click - button in xlChart+ ribbon and click "Boxplot-Colormap" item to open "Create a Boxplot" dialog box, input B1:B90 in "Grouped Data Range" field, deselect "Gradient Fill" check box, click "OK" button.



14.4 Two-Color Gradient Fill

Select A1:A90, click _____ button in xlChart+ ribbon and click "Boxplot-1 Gradient" item to open "Create a Boxplot" dialog box, input B1:B90 in "Grouped Data Range" field, click "OK" button.



14.5 Multi-Color Gradient Fill

Select A1:A90, click - button in xlChart+ ribbon and click "Boxplot-Colormap" item to open "Create a Boxplot" dialog box, input B1:B90 in "Grouped Data Range" field, click "OK" button.



14.6 Horizontal Boxplot

Select A1:A90, click _____ button in xlChart+ ribbon and click "Boxplot-Horizontal" item to open "Create a Boxplot" dialog box, input B1:B90 in "Grouped Data Range" field, click "OK" button.

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15 Violin Plot

15.1 "Create a Violin Chart" Dialog Box

Use "Create a Violin Chart" dialog box to create a violin chart.

Create a Violin Chart X
Data Range A1:A90 Grouped Range B1:B90
The value of the 1st row is a label
Type Style 1
y From -6 To 6
OK Cancel

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

Grouped Range: The cell range containing the grouped data for the chart.

The value of the 1st row is a Label, Shows whether the values of the 1st row are labels.

Type: The type of the chart.

y From: The minimum value of y.

To, The maximum value of y.

15.2 Drawing a Violin Plot

Data format

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1	-1.14795	1	
2	0.104875	1	
3	0.722254	1	
4	2.585491	1	
5	-0.66689	1	
6	0.187331	1	
7	-0.08249	1	
8	-1.93302	1	
9	-0.43897	1	
10	-1.79468	1	
11	0.840376	1	
12	-0.88803	1	
13	0.100093	1	
14	-0.54453	1	
15	0.303521	1	
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Select A1:A90, click button in xlChart+ ribbon and click "Violin-Type 1" item to open "Create a Violin Chart" dialog box, input B1:B90 in "Grouped Data Range" field, click "OK" button.

245



15.3 Using Different Styles

Select the second item in "Type" combo box, click "OK" button.



16 Cloud Rain Plot

16.1 "Create a Cloudrain Chart" Dialog Box

Use "Create a Cloudrain Chart" dialog box to create a cloud rain Chart.

Create a Cloudrain Chart X
Data Range A1:A90 Grouped Range B1:B90
The value of the 1st row is a label
x From -4 To 4
OK Cancel

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

Grouped Range: The cell range containing the grouped data for the chart.

The value of the 1st row is a label, Shows whether the values of the 1st row are labels.

Type: The type of the chart.

y From: The minimum value of y.

To, The maximum value of y.

16.2 Drawing a Cloud Rain Plot

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2	0.104875	1	
3	0.722254	1	
4	2.585491	1	
5	-0.66689	1	
6	0.187331	1	
7	-0.08249	1	
8	-1.93302	1	
9	-0.43897	1	
10	-1.79468	1	
11	0.840376	1	
12	-0.88803	1	
13	0.100093	1	
14	-0.54453	1	
15	0.303521	1	
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Select A1:A90, click button in xlChart+ ribbon and click "Cloud Rain" item to open "Create a Cloudrain Chart" dialog box, input B1:B90 in "Grouped Data Range" field, click "OK" button.



16.3 Style 2

Select "Type 2" in "Type" combo box, click "OK" button.



16.4 Style 3

Select "Type 3" in "Type" combo box, click "OK" button.



17 Scatter Bar Chart and Scatter Boxplot

17.1 Scatter Bar Chart

17.1.1 "Create a Scatter Bar Chart" Dialog Box

Use "Create a Scatter Bar Chart" dialog box to create a scatter bar chart.

Create a Scatter Bar Chart X
Data Range A1:A90 Grouped Range B1:B90
The value of the 1st row is a label
Gradient Fill
Select a Colormap Parula 💌
OK Cancel

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

Grouped Range: The cell range containing the grouped data for the chart.

The value of the 1st row is a label, Shows whether the values of the 1st row are labels.

Gradient Fill: Whether to fill the bars with gradient colors.

Select a Colormap: Select a colormap from the combo box.

17.1.2 Drawing the Scatter Bar Chart

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2	0.10487	5	1	
3	0.72225	4	1	
4	2.58549	1	1	
5	-0.6668	9	1	
6	0.18733	1	1	
7	-0.0824	9	1	
8	-1.9330	2	1	
9	-0.4389	7	1	
10	-1.7946	8	1	
11	0.84037	6	1	
12	-0.8880	3	1	
13	0.10009	3	1	
14	-0.5445	3	1	
15	0.30352	1	1	
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Select A1:A90, click button in xlChart+ ribbon and click "Scatterbar" item to open "Create a Scatter Bar Chart" dialog box, input B1:B90 in "Grouped Data Range" field, click "OK" button.

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Spring colormap

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Gradient fill



17.2 Scatter Boxplot

17.2.1 "Create a Scatter Boxplot Chart" Dialog Box

Use "Create a Scatter Boxplot Chart" dialog box to create a scatter boxplot chart.

Create a Scatter Boxplot Chart								
Data Range A1:A90 Grouped Range B1:B90								
☐ The value of the 1st row is a l	abel							
Select a Colormap Parula								
OK Cancel								

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

Grouped Range: The cell range containing the grouped data for the chart.

The value of the 1st row is a label, Shows whether the values of the 1st row are labels.

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Select a Colormap: Select a colormap from the combo box.

17.2.2 Drawing the Scatter Boxplot

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2	0.104875	1		
3	0.722254	1		
4	2.585491	1		
5	-0.66689	1		
6	0.187331	1		
7	-0.08249	1		
8	-1.93302	1		
9	-0.43897	1		
10	-1.79468	1		
11	0.840376	1		
12	-0.88803	1		
13	0.100093	1		
14	-0.54453	1		
15	0.303521	1		
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Select A1:A90, click button in xlChart+ ribbon and click "Scatterboxplot" item to open "Create a Scatter Boxplot Chart" dialog box, input B1:B90 in "Grouped Data Range" field, click "OK" button.





Scatter Boxplot





18 QQ Plot and PP Plot

18.1 QQ Plot

18.1.1 "Create a QQ Chart" Dialog Box

Use "Create a QQ Chart" dialog box to create a QQ chart.

Create a QQ Chart X
Data Range A2:A1001
The value of the 1st row is a label
OK Cancel

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

The value of the 1st row is a label, Shows whether the values of the 1st row are labels.

18.1.2 Drawing the QQ Plot

Data format

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(0.3188	3 0.5	5756																
-1	1.3077	7 -0.7	7781																
-(0.4336	5 -1.0	0636																
(0.3426	5 0	.553																
3	3.5784	4 -0.4	4234																
2	2.7694	4 0.3	3616																
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3	3.0349	0.2	2695																

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Select A2:A1001, click button in xlChart+ ribbon and click "QQ Plot" item to open "Create a QQ Chart" dialog box, click "OK" button.

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< > ··· Sheet2 Sheet4 Sheet5 Sheet6 Sheet7 Sheet8 Sheet9 ···

18.2 PP Plot

18.2.1 "Create a PP Chart" Dialog Box

Use "Create a PP Chart" dialog box to create a pp chart.

Create a PP Chart	×
Data Range A2:A1001	
The value of the 1st row is a label	
OK Cancel	

The meanings of the controls are:

Data Range, The cell range containing the data for the chart.

The value of the 1st row is a label, Shows whether the values of the 1st row are labels.

18.2.2 Drawing the PP Plot

Data format

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3	1.8339	-0.6691										
4	-2.2588	-0.4003										
5	0.8622	-0.6718										
6	0.3188	0.5756										
7	-1.3077	-0.7781										
8	-0.4336	-1.0636										
9	0.3426	0.553										
10	3.5784	-0.4234										
11	2.7694	0.3616										
12	-1.3499	-0.3519										
13	3.0349	0.2695										
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Select A2:A1001, click button in xlChart+ ribbon and click "PP Plot" item to open "Create a PP Chart" dialog box, click "OK" button.



19 Pair Chart

19.1 "Create a Pair Chart" Dialog Box

Use "Create a Pair Chart" dialog box to create a pair chart.

Create a Pair Chart X
Data 1 Range B2:B11 Data 2 Range C2:C11
The value of the 1st row is a label
Type Pair 💌
OK Cancel

The meanings of the controls are:

Data 1 Range, The cell range containing the data 1 for the chart.

Data 2 Range: The cell range containing the data 2 for the chart.

The value of the 1st row is a label, Shows whether the value of the 1st row is a label.

Type: Select a type of pair chart.

19.2 Drawing the Simple Pair Chart

Data format

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B2	$B2 \qquad \checkmark : \times \checkmark f_x \checkmark 0.07 \qquad \checkmark$										
	А	В	С	D	E	F	G	Η	Ι	J	K
1	长 宽	A2	A4								
2	B1	0.07	0.11								
3	B2	0.19	0.21								
4	B3	0.19	0.21								
5	B4	0.17	0.28								
6	B5	0.21	0.31								
7	B6	0.24	0.24								
8	B7	0.23	0.25								
9	B8	0.24	0.23								
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Select B2:B11, click button in xlChart+ ribbon and click "Pair" item to open "Create a Pair Chart" dialog box, input C2:C11 in "Data 2 Range" field, click "OK" button.





19.3 Drawing the Boxplot Overlayed with Pair Chart

Select B2:B11, click button in xlChart+ ribbon and click "Pair" item to open "Create a Pair Chart" dialog box, input C2:C11 in "Data 2 Range" field, select "Boxplot+Pair" item in "Type" combo box, click "OK" button. Boxplot+Pair



19.4 Drawing the Error Bar Chart Overlayed with Pair Chart

Select B2:B11, click button in xlChart+ ribbon and click "Pair" item to open "Create a Pair Chart" dialog box, input C2:C11 in "Data 2 Range" field, select "Error+Bar+Pair" item in "Type" combo box, click "OK" button.



Errorbar+Pair

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20 Colormaps

xlChart+ 1.0 provides 17 colormaps that can be used to quickly render most chart types, such as complex line charts, bar charts, histograms, area charts, and pie charts.

Name	Description	Color Bar
parula	Gradient between blue, cyan, orange, and yellow	
turbo	Gradient between blue and red	
hsv	Hue component variation in the HSV color model	
hot	Gradient between black, red, orange, yellow, and white	
cool	Gradient between cyan and magenta	
spring	Gradient between magenta and yellow	
summer	Gradient between green and yellow	
autumn	Gradient from red to orange- yellow, yellow	
winter	Gradient between blue and green	

gray	Linear grayscale colormap	
bone	Gray colormap with a higher blue component	
copper	Gradient between black and bright copper	
pink	Gradient between magenta and white	
abyss	Gradient between deep blue and sky blue	
jet	Gradient between blue, cyan, yellow, orange-red, and red	
hot1	Gradient between yellow and red	
hot2	Gradient between green, yellow and red	

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21 Edit Charts Created by xlChart+

After creating a chart with xlChart+, double-click the chart to expand the rightside editing panel, as shown below. Select the graphic element in the chart, and use the controls in the panel to edit its properties.





xlChart+ 1.0 User's Guide https://www.chartaddin.com

Please visit https://www.chartaddin.com to get more resources such as samples, articles and videos.

