

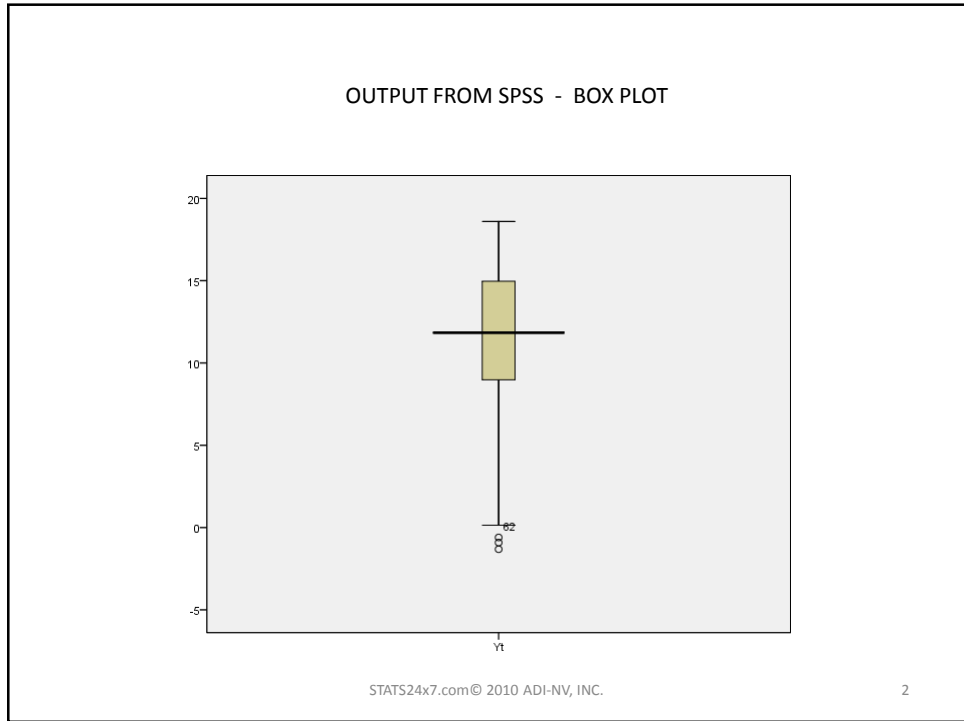
Use data file Paper Tower Sales.xlsx

BOX PLOT in SPSS
Graphs/Legacy Dialogs/Boxplot/select variable

The screenshot shows the SPSS Data Editor interface. The menu bar includes File, Edit, View, Data, Transform, Analyze, Graphs, Utilities, Add-ons, Window, and Help. The 'Graphs' menu is open, showing options like Bar, 3-D Bar, Line, Area, Pie, High-Low, Boxplot, Error Bar, Population Pyramid, Scatter/Dot, and Histogram. The 'Boxplot...' option is highlighted. Below the menu, a data table is visible with columns 't', 'Yt', and 'var'. The data rows are numbered 1 through 12.

	t	Yt	var
1	1	15	
2	2	14	
3	3	15	
4	4	16	
5	5	16	
6	6	14	
7	7	14	
8	8	14	
9	9	16	
10	10	17	
11	11	16	
12	12	17	

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HISTOGRAM IN SPSS

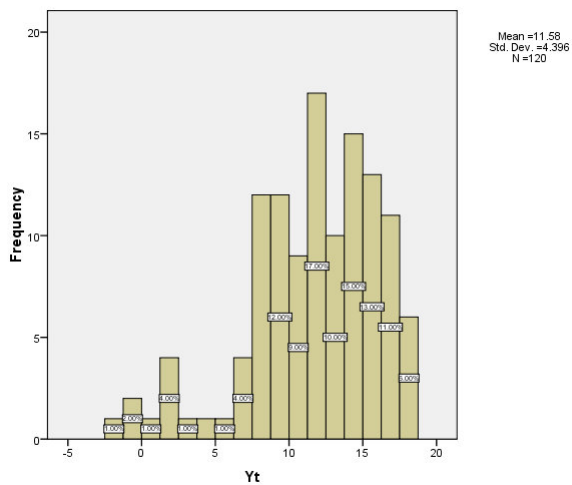
The screenshot shows the SPSS Data Editor interface. The menu bar includes File, Edit, View, Data, Transform, Analyze, Graphs, Utilities, Add-ons, Window, and Help. The 'Graphs' menu is open, showing options like Bar, 3-D Bar, Line, Area, Pie, High-Low, Boxplot, Error Bar, Population Pyramid, Scatter/Dot, and Histogram. The 'Histogram...' option is highlighted. Below the menu, a data table is visible with columns 't', 'Yt', and 'var'. The data rows are as follows:

	t	Yt	var
1	1	15	
2	2	14	
3	3	15	
4	4	16	
5	5	16	
6	6	14	
7	7	14	
8	8	14	
9	9	16	
10	10	17	
11	11	16	

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HISTOGRAM WITH DEFAULT # OF BINS



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To change # of class intervals – double click on histogram, which opens the chart editor. Then SINGLE CLICK on blue histogram icon which opens PROPERTIES window. Click on BINNING, then click on Custom, enter # of interval = 5 to obtain graph on next slide.

The screenshot shows the 'Chart Editor' window with a histogram of 'Yt' values. The histogram has many narrow bins. The 'Properties' window is open, showing the 'Binning' tab. Under 'X Axis', the 'Custom' option is selected, with 'Number of intervals' set to 0 and 'Interval width' set to -2.5. The histogram statistics are: Mean = 11.58, Std. Dev. = 4.396, N = 120.

