SPSS: Histograms

SPSS: Create a Histogram

Data to use:

FiMonthlyBills.sav



After opening the data file, click: Graphs → Legacy Diagrams → Histogram

I Histogram	
Variable: Bills Display normal curve	es
Rows:	I) When the Histogram dialogue box appears, select the variable, Bills, from the left column and click the arrow to bring it under Variable.
Nest variables (no empty columns) Template Use chart specifications from: File	
? Reset Paste Cancel C	2) Click OK

The resulting graph shows classes that are determined by SPSS, we need to modify the class width



Right click on the Graph > Edit Content > In Separate Window A new window with only the graph appears.



	Properties		1
Chart Size	Fill & Border	Binning	Variables
X axis or	ıly		
🔘 Z axis only			
X and Z axes			
-X Axis			
🗌 Automa	tic		
 Custom 			
O Num	ber of intervals:	0	
Inter	val width:	15	
Custom	value for anchor:	0.0	
Z Axis			
 Automa 	tic		
O Custom			
Num	ber of intervals:		
🔵 Inter	val width:		
Custom	value for anchor:		
	?	Cancel	Apply

I) Select the 'Binning' tab
 Select Custom under 'X Axis
 Enter 15 for interval width
 Click Apply



 Right Click on the Bars in the graph
 Select Show Data Labels



Depending on your screen resolution, the marks on the X-axis may or may not match the interval width, thereby making the graph misleading. To match the interval width

- I) Select the X- axis, right-click > Properties
- 2) Enter the Major Increment to match the interval width (15 in this case)



SPSS: Histogram: Final output

Graph

