



Chart Components


- [Overview](#)
- [Standard Components](#)
- [Specialty Components](#)
- [Validation](#)
 - [Mandatory vs. Optional Fields](#)
 - [Component Validation](#)


Overview


[top](#)


In the chart data panel you will be prompted to select the series you wish to use in your chart and also edit the series style options. Having selected your chart type, the data selection panel will be refreshed to display the appropriate options for the chart.


 **Auto Chart** 


Horizontal Axis 

Mandatory 

Vertical Axis 





Mandatory 


Colour 

Size 

Standard Components




















[top](#)

Icon	Component	Description
	Horizontal Axis	The field used to define the horizontal axis of the chart. Depending on the chart type selected, this may be either a dimension or metric field.
	Vertical Axis	The field used to define the vertical axis of the chart. Depending on the chart type selected, this may be either a dimension or metric field
	Colour	The field used to define the colours used in the chart. Depending on the chart type selected, this may be either a dimension or metric field.
	Size	The field used to determine the size of bubbles in the chart. This will be a metric or aggregated dimension field.

	Animation	<p>A Date or Time field that can be used as frames to animate the chart. Each value of the animation field will generate a unique frame in the animation.</p> <p>Note: it is recommended that you change the Chart Title option to display the Animation Field in order to provide the report writer with a label for each frame.</p>
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Specialty Components

[top](#)

Icon	Component	Description
	Image	Choose the relevant image that you want to use to display your data. Used for Raster Maps, Comparative Infographics, and Proportional Infographics.
	Region	The region is the field that has reference codes associated with areas on the map. Used for Raster Maps.
	Label	The label for the roll over bubble. Used for Google Maps.
	Description	A description that is contained in the roll over bubble. Used for Google Maps.
	Link	A hyperlink that can be embedded into the bubble to take the user to an external site/report. Used for Google Maps.
	Latitude	The Latitude coordinates field. Used for Google Maps.
	Longitude	The Longitude coordinates field. Used for Google Maps.
	Geo Field	This is the field in your report that contains the GIS data types. Used for Google GIS Maps, GIS Maps, GIS Bubble Maps, GIS Heat Maps.
	Tool Tip	The field to be used for tool tip text. Used for Google GIS Maps, GIS Maps, GIS Bubble Maps.
	Measure	Meter charts only display a single value – select the series to be used for this value. Used for Meters.
	Radar	This is the category field used for the radar spokes. Used for Radars.
	Events	Binary values that signify if the event was occurring on each of the time values. Used for Events.
	Value	A metric the user created to display a trend line on the chart. Used for Financial Lines and Events.
	Volume	Number of shares traded in the time period. Used for Financial Lines, High Low, Candlestick.
	Trend	A metric the user created to display a trend line on the chart. Used for Financial Lines, High Low, Candlestick.
	Start	Share value at the beginning of the time period (commonly: day). Used for High Low, Candlestick.
	End	Share value at the end of the time period (commonly: day). Used for High Low, Candlestick.
	High	The highest value the share reached in the time period. Used for High Low, Candlestick.
	Low	The lowest value the share reached in the time period. Used for High Low, Candlestick.

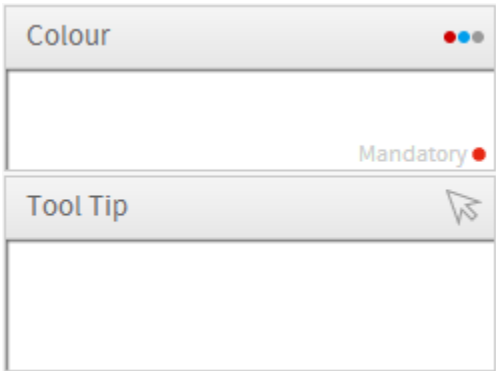
Validation

[top](#)

To help ensure the correct fields are used in the chart building process, validation messages will be displayed to aid the user.

Mandatory vs. Optional Fields

In order to inform the user which fields are mandatory and which are optional for a selected chart type, a **red** circle is displayed in the component area for required components.



Component Validation

In order to help the user work out how to populate chart component areas, if the wrong field type is dragged into a component a validation message will be displayed.

Date Types	Geometry Types	Numeric Types
<div><div>Animation</div><div><div>Σ Sum Invoiced Amount</div><div><div>Data Type Not Supported</div><div>Data for this area must be a date type.</div></div></div></div>	<div><div>Geo Field</div><div><div>Year</div><div><div>Data Type Not Supported</div><div>Data for this area must be a geometry type.</div></div></div></div>	<div><div>Colour</div><div><div>Year</div><div><div>Data Type Not Support</div><div>Data for this area must type.</div></div></div></div>