



# Area Charts

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## Overview

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<b>Area</b>		You want to emphasize the magnitude of change over time. Use an area chart to show how much the value of a measure changes over time.
<b>Stacked Area</b>		You want to emphasise the magnitude of change over time, while comparing multiple categories.

## Chart Data Options

Option	Description
Horizontal Axis	This is the category label for the X axis
Vertical Axis	Typically a numeric value such as \$. An item that you want to measure on your Chart
Colour	This option is only available if you have a cross tab data set available and is used to determine the colour applied for cross tab series data.

## Area Chart Tutorial

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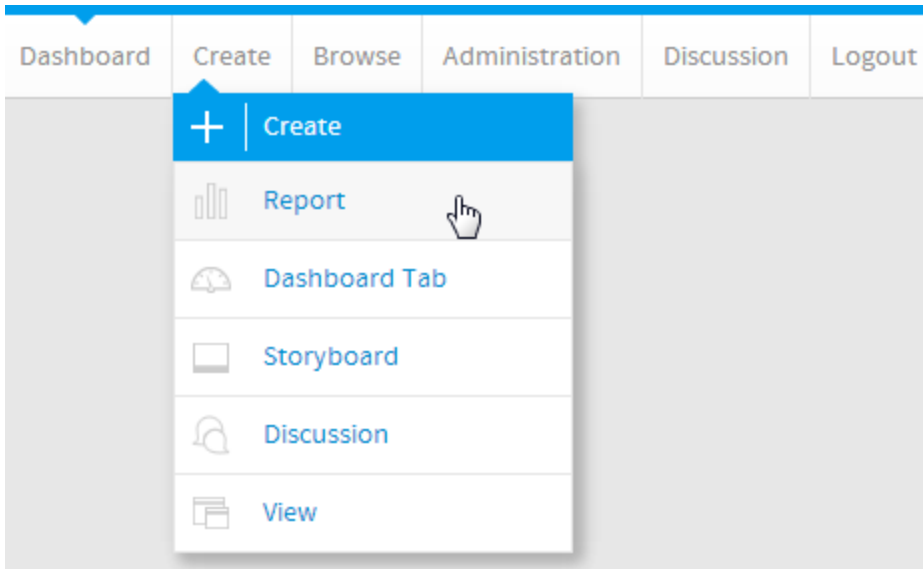
### Summary

In order to set up an Area Chart you will need:

1. Create a report with chart display
  - a. Select a field to use as the **Horizontal Axis**
  - b. Select a field to use as the **Vertical Axis**
  - c. Select a field to use as the **Colour** (if you have decided to create a cross tab report)
2. Create your chart, selecting **Area** as the type
3. Provide the **Horizontal Axis**, **Vertical Axis**, and **Colour** options
4. Customise the Chart as required
5. Proceed to the **Output** step
6. **Save** your report

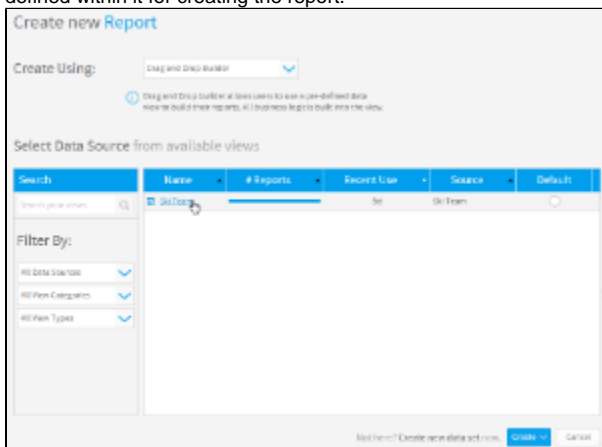
### Tutorial

1. Click the **Create** link in the main navigation bar of the system, and select the **Report** option.



2. You will now be on the Report Initialisation page. Ensure the **Drag and Drop Builder** has been selected to use for report creation.

3. Click on the **Ski Team** view in order to use the fields defined within it for creating the report.



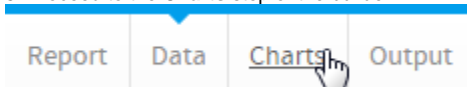
4. Add **Camp Demographic** and **Camp Rating** to **Columns**.

Columns	<div> <div></div> Camp Demographic           <div></div> Avg Camp Rating         </div>	
Rows		

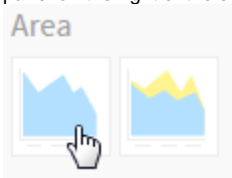
  

Camp Demographic	Avg Camp Rating
Adventure	5.52
Culture	2.73
Family	4.66
Luxury	4.29
Relaxation	4.10
Sport	5.51

5. Proceed to the **Charts** step of the builder.

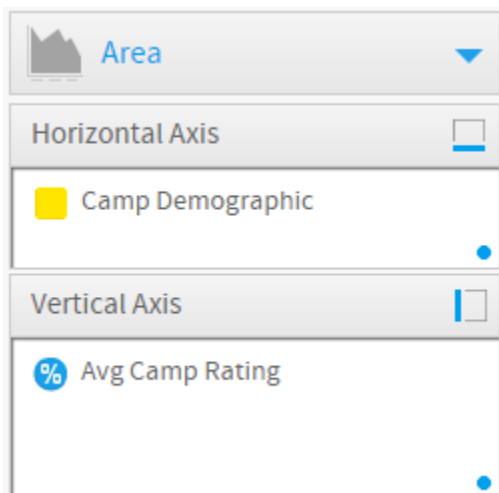


6. Select the **Area** chart from the **Area** section of the charts panel on the right of the screen.

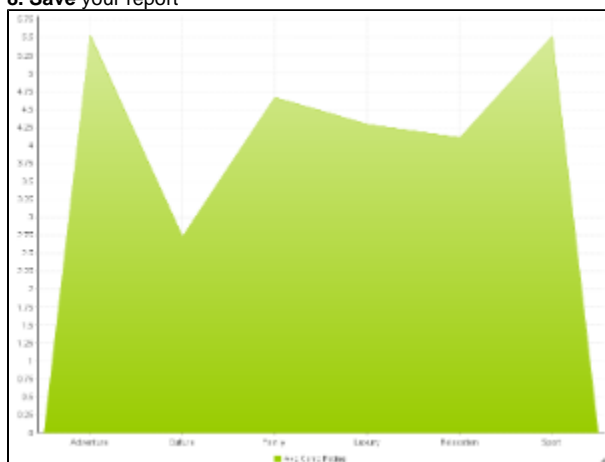


7. Set the following components:

- **Horizontal Axis:** Camp Demographic
- **Vertical Axis:** Avg Camp Rating



8. **Save** your report



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