

# 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

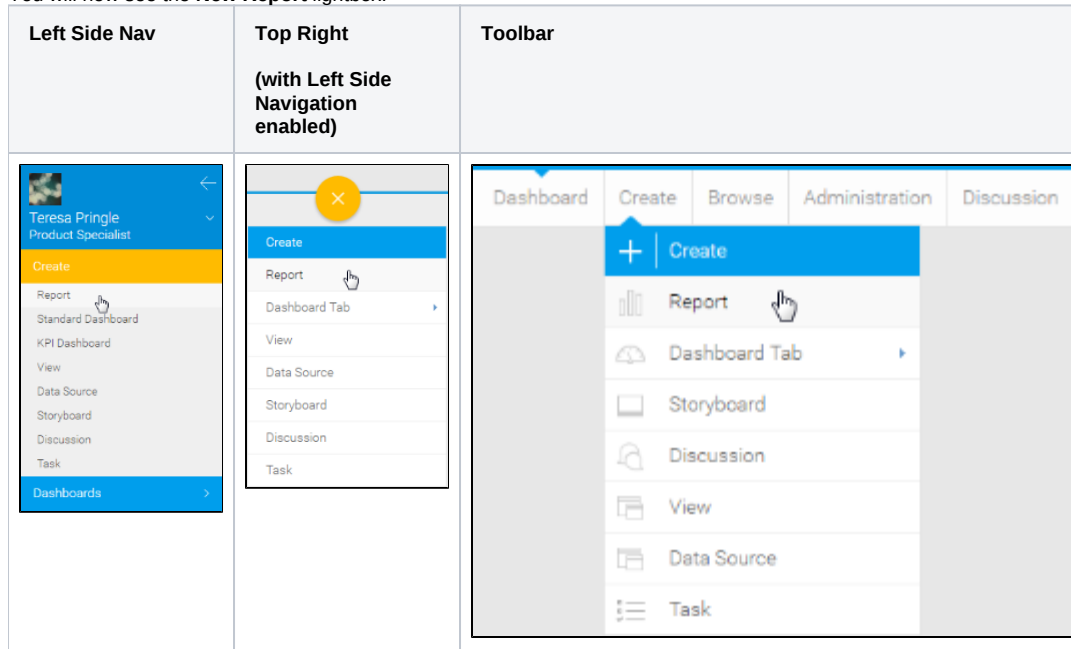
### Tutorial

1. Start the **Report** creation process by using one of these methods:

- **Left Side Nav** - open the left side navigation panel, click on Create, select the Report option

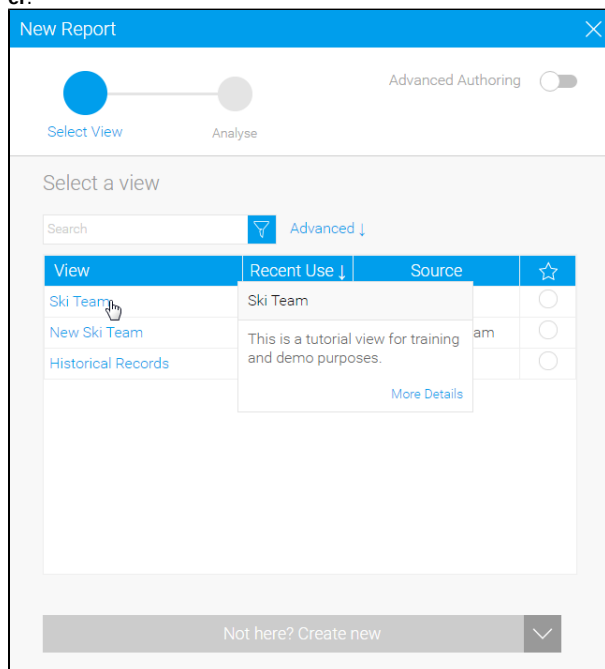
- **Top Right Button** - click on the create button, select the Report option.
- **Toolbar** - click on the Create link in the toolbar, select the Report option.

You will now see the **New Report** lightbox.



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

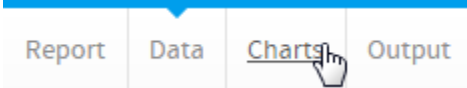
3. You will now be taken to the **Data** step of the **Report Builder**.



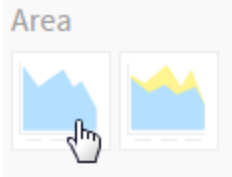
4. Add **Camp Demographic** and **Camp Rating** to **Columns**.

| Columns          |  Camp Demographic  Avg Camp Rating |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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


Area

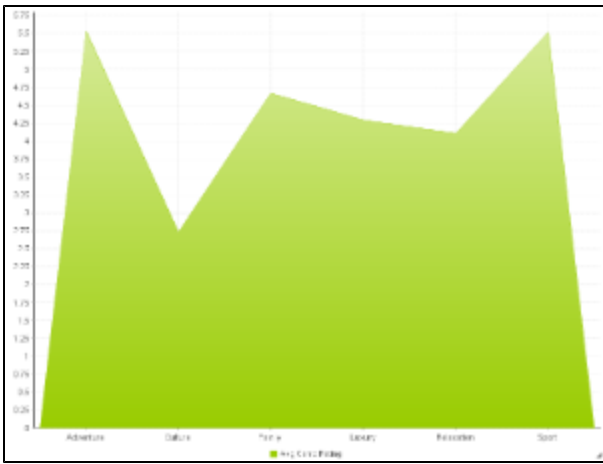
Horizontal Axis

 Camp Demographic

Vertical Axis

 Avg Camp Rating

8. **Save** your report



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