

# Scatter Chart

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## Overview

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Can be used with categorical, sequential or time-series data. Bubble size and location combine to effectively display 3-D data on a 2-D chart.

## Chart Data Options

Option	Description
Horizontal Axis	Select the metric or date to use as the x axis measurement.
Vertical Axis	Select the metric or date to use as the y axis measurement.
Size	Optional: Select a metric to set the size of each bubble.
Colour	Optional: You can select one field to split your values by colour.

## Scatter Chart Tutorial

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### Summary

In order to set up a Scatter Chart you will need:

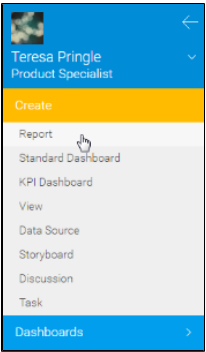
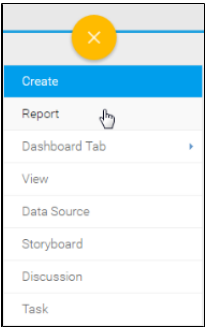
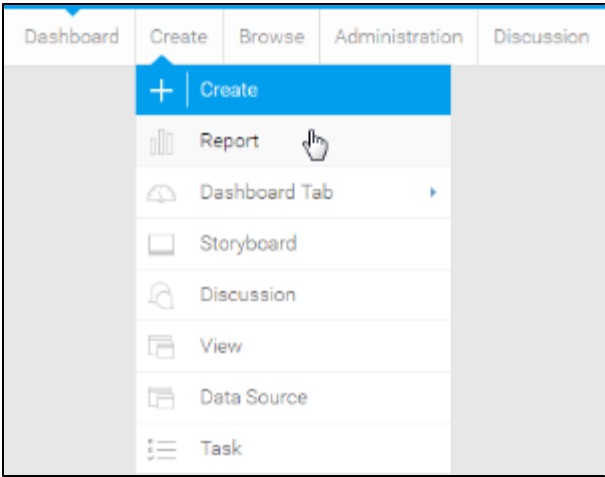
1. Create a report with chart display
  - a. Select a field to use as the **Horizontal Axis**
  - b. Select a field to use as the **Vertical Axis**
  - c. Select a field to use as the **Size** (optional field)
  - d. Select a field to use as the **Colour** (optional field)
2. Create your chart, selecting **Scatter** as the type under the **Analytical** heading
3. Provide the **Horizontal Axis**, **Vertical Axis**, **Size**, 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:

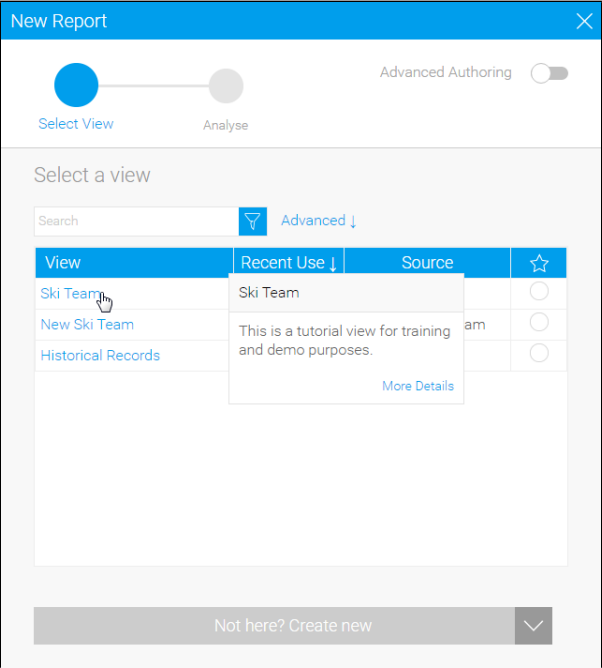
- **Left Side Nav** - open the left side navigation panel, click on Create, select the Report option
- **Top Right Button** - click on the create button, select the Report option.
- **Toolbar** - click on the Create link in the toolbar, select the Report option.

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

Left Side Nav	Top Right (with Left Side Navigation enabled)	Toolbar
		




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**.

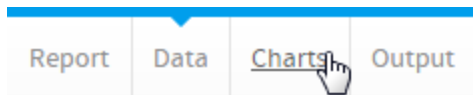


4. Add **Age at Camp**, **Demographic**, and **Athlete Counter** to **Columns**.

5. Remove the aggregation from the **Age at Camp** field.

Columns	 Demographic	 Age at Camp	 Sum Athlete Counter
Rows			

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

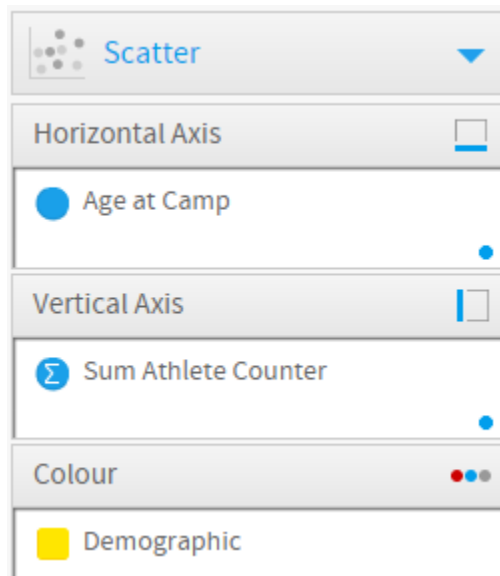


7. Select the **Scatter** chart from the **Analytical** section of the charts panel on the right of the screen.

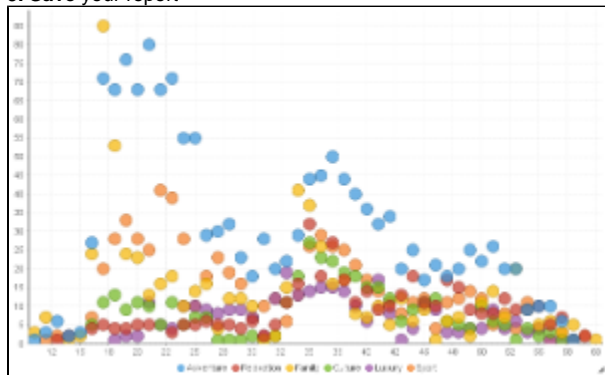


8. Set the following components:

- **Horizontal Axis:** Age at Camp
- **Vertical Axis:** Sum Athlete Counter
- **Colour:** Demographic



9. **Save** your report



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