

Box & Whisker

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Overview

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A chart which gives a quick overview of series of values and their statistical properties.

Chart Data Options

Option	Description
Horizontal Axis	Select at least one metric to analyse in the chart.
Vertical Axis	Select a label to split your series up by.

Box & Whisker Tutorial

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Summary

In order to set up a Box & Whisker Chart you will need:

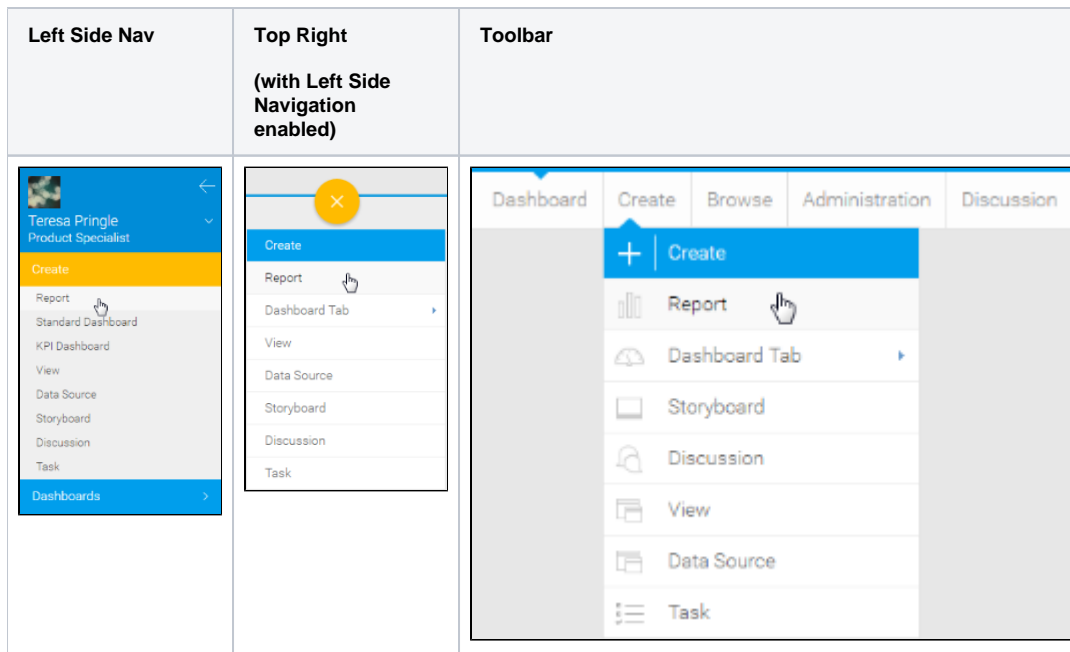
1. Create a report with chart display
 - a. Select a field to use as the **Vertical Axis**
 - b. Select a field to use as the **Horizontal Axis**
 - c. Enable the display of **duplicate records**
2. Create your chart, selecting **Box & Whisker** as the type under the **Analytical** heading
3. Provide the **Horizontal** and **Vertical** axis 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:

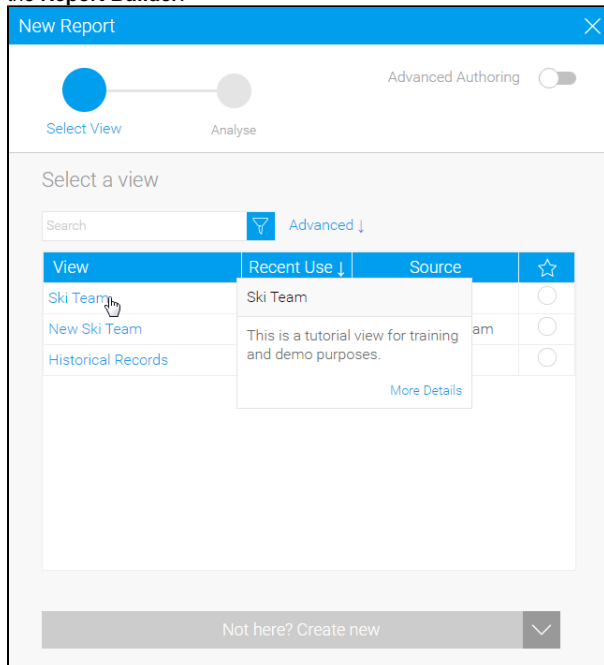
- **Left Side Nav** - open the left side navigation panel, click on Create, select the Report option
- **Top Right Button** - click on the create button, select the Report option.
- **Toolbar** - click on the Create link in the toolbar, select the Report option.

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 **Year** and **Profit Margin** to **Columns**.

5. Add **Booking Status** to **Filters**.

6. Remove the aggregation applied to the **Profit Margin** field.

Year	Sum Profit Margin
2009	\$23
2010	\$42
2011	\$1,64
2012	\$2,76
2013	\$5,22
2014	\$4,51
2015	\$2,93
2016	\$8

Sum Profit Margin
Σ Aggregation
Sort
Format
Advanced Function
Totals
Hide Field
Delete

None
Σ Sum
% Average
— Min
+ Max
Count
#! Count Distinct

7. Enable the **Show Duplicate Records** option.

Report Data

Data Source:

Ski Team

View:

Ski Team

Active Row Limit:

10000

Show Duplicate Records:

☒

Auto Refresh:

☐ On

Preview Row Limit:

8. Open the filter **Settings** menu.

Filters

☒ Booking Status

Settings

9. Set **Booking Status** to be **Equal to Active**.

☒ Booking Status

Equal to

Active

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

Report

Data

Charts

Output

11. Select the **Box & Whisker** chart from the **Analytical** section of the charts panel on the right of the screen.

Analytical

12. Set the following components:

- **Horizontal Axis:** Profit Margin
- **Vertical Axis:** Year

Box and Whisker

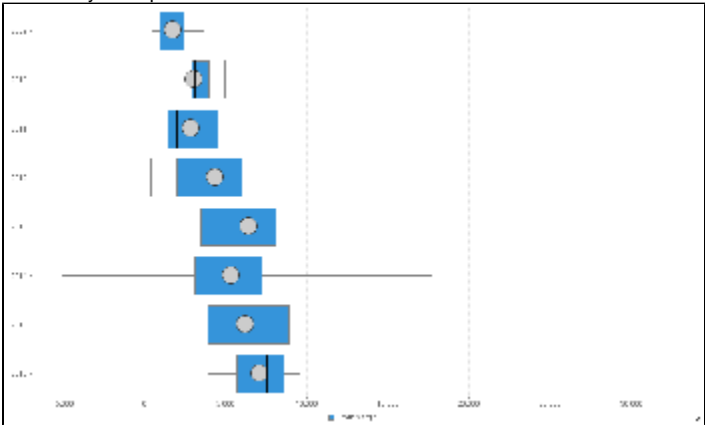
Horizontal Axis

Profit Margin

Vertical Axis

Year

13. Save your report



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