## **Box & Whisker**

- Overview
   Chart Data Options
   Chart Tutorial
  - - Summary
    - Tutorial

## Overview

top

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

top

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

Dashboard	Create	Browse	Administration	Discussion	Logout
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	0[[] Re	port	÷		
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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.

Create new	Repo		<u></u>			
Create Using:		Dag and Drap Buildo	~			
		Desig and Drop Duritoer siles the build their repo				
Select Data So	urce f	rom available (	views			
Search		Kane	# Reports	Recent Use	• Source	Default
Search promitises	Q,	Sales B		- 96	ScTem	0
Filter By:						
HE Bets Sources	~					
NUMER Collegation	~					
All Yes Types	~					
				Nothere? Cre	de new data set now.	Canal V Canal

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 Margi	n 👻	_	
2009	\$23	Sum Profit Margin		
2010	\$42	∑ Aggregation		None 🚛
2011	\$1,64	Sort	Ω	Sum
2012	\$2,76		-	
2013	\$5,22	Format	%	Average
2014	\$4,51	Advanced Function	-	Min
2015	\$2,93	Totals	+	Max
2016	\$8			
		Hide Field	#	Count
		Delete	#!	Count Distinct

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

Report Data		~
Data Source: View:	Ski Team Ski Team	
Active Row Limit: Show Duplicate Re		10000
Auto Refresh: Preview Row Limit:		On

8. Open the filter Settings menu.

Filters			
Booking Status			
Set	tiphs		
Set Booking Status to be Equal to Active.			
Booking Status	Equal to	✓ Active	Å
Proceed to the Charts step of the builder.			
Report Data <u>Chartan</u> Outp	ut		
I. Select the <b>Box &amp; Whisker</b> chart from the <b>Ar</b> action of the charts panel on the right of the scr analytical	ialytical reen.		
I III IIII IIII IIII IIII IIII II			
	=		
Set the following components:			
<ul> <li>Horizontal Axis: Profit Margin</li> <li>Vertical Axis: Year</li> </ul>			
Box and Whisker	-		
Horizontal Axis			
Profit Margin			
•			
Vertical Axis			
Year	_		
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Save your report			
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top