

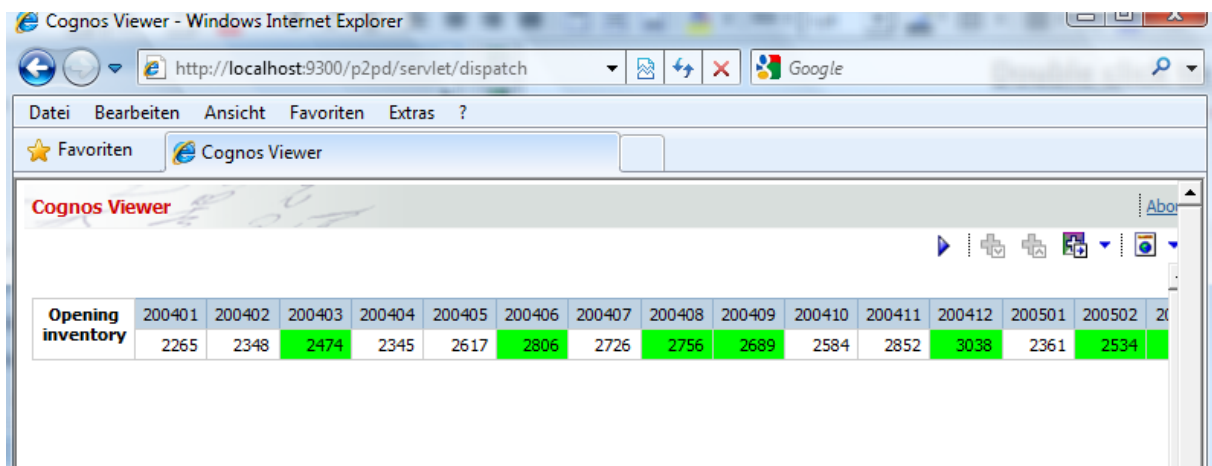
How to format a crosstab in Cognos 8.4

Aim: show cells in crosstab green, whenever a calculated difference is above zero.

Other request: format every figure above average green. Format above 100% change as green. And so on.

This example illustrates how to create a crosstab and a calculation and format the cells within the crosstab according to the calculation, which is not visible or in as total somewhere else in the crosstab itself.

Final crosstab will look like this:

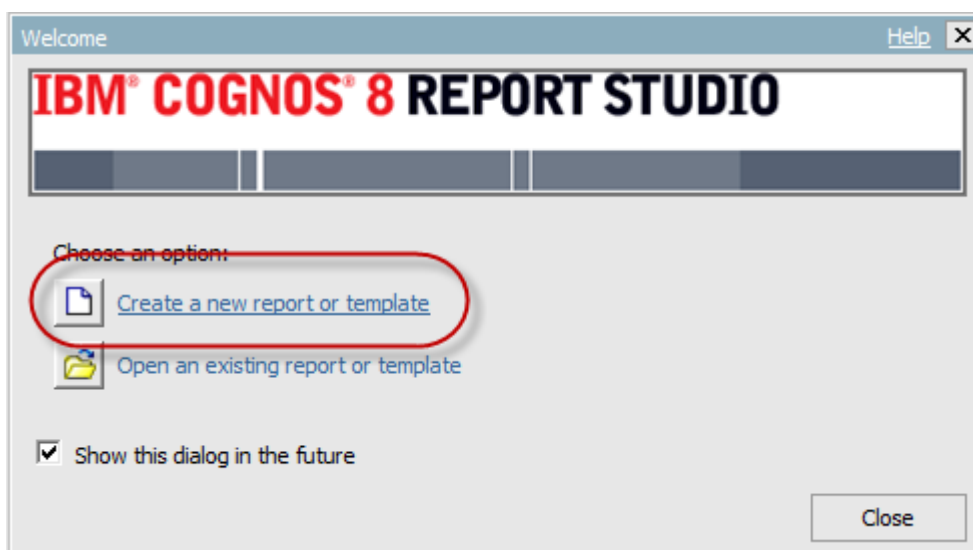


The screenshot shows a web browser window titled 'Cognos Viewer - Windows Internet Explorer'. The address bar shows 'http://localhost:9300/p2pd/servlet/dispatch'. The browser menu includes 'Datei', 'Bearbeiten', 'Ansicht', 'Favoriten', and 'Extras'. The main content area displays a table with the following data:

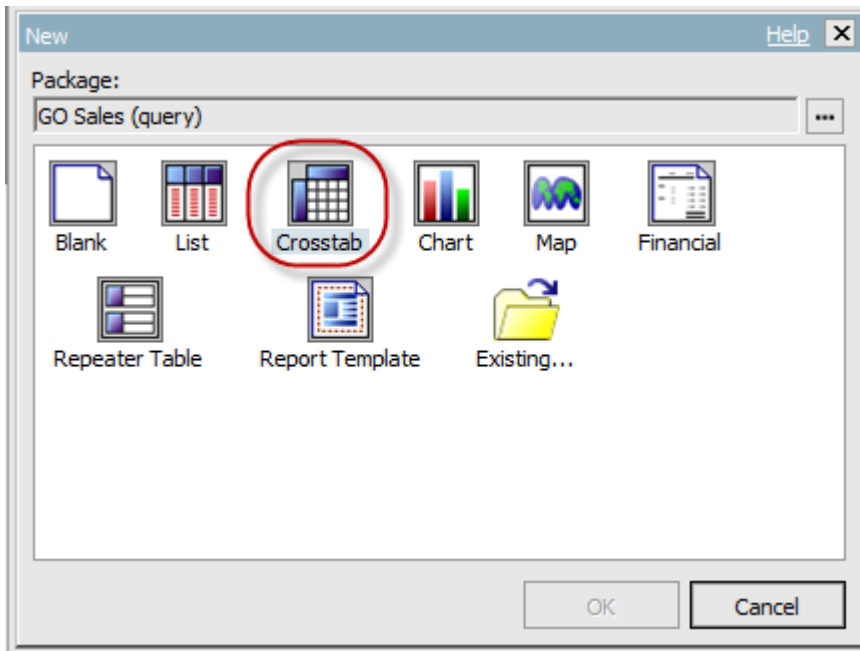
Opening inventory	200401	200402	200403	200404	200405	200406	200407	200408	200409	200410	200411	200412	200501	200502
	2265	2348	2474	2345	2617	2806	2726	2756	2689	2584	2852	3038	2361	2534

The cells containing 2474, 2806, 2756, 2689, 3038, and 2534 are highlighted in green.

Start ReportStudio:

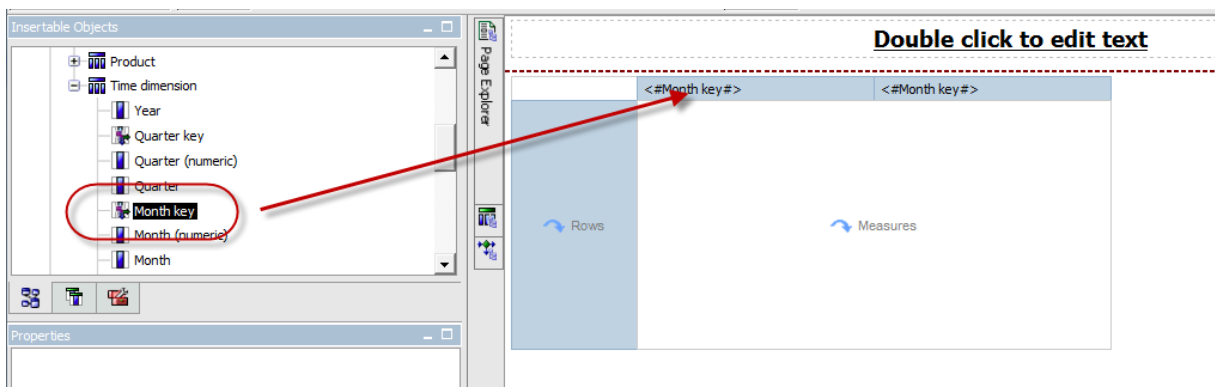


Select to create a crosstab:

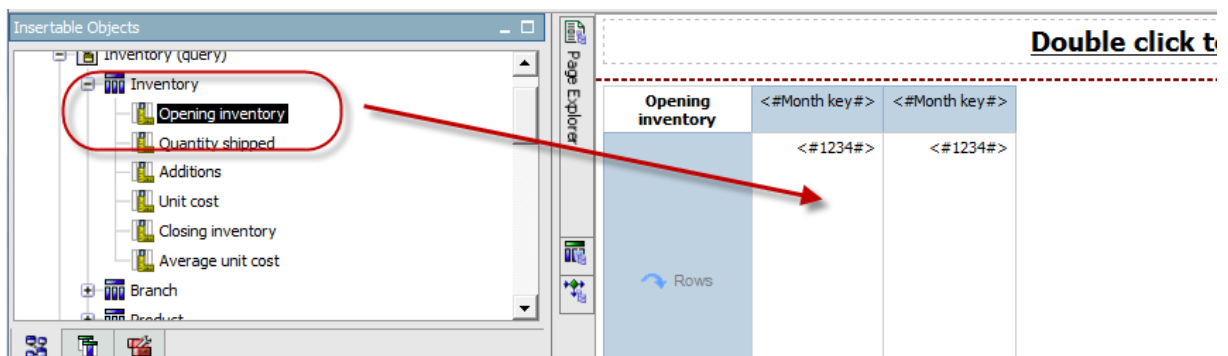


Select a package of your choice ... we used "GO Sales"

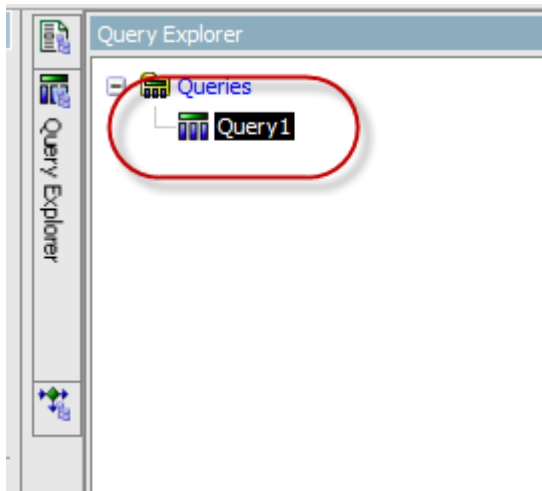
Put dimension of your choice in the header, e.g. Month Key.



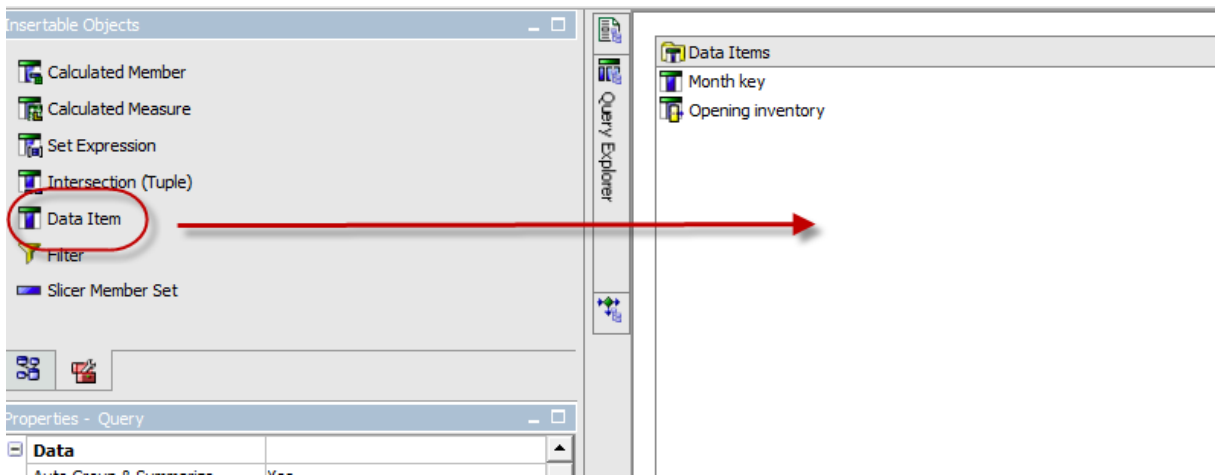
Put a fact of your choice in the crosstab center.



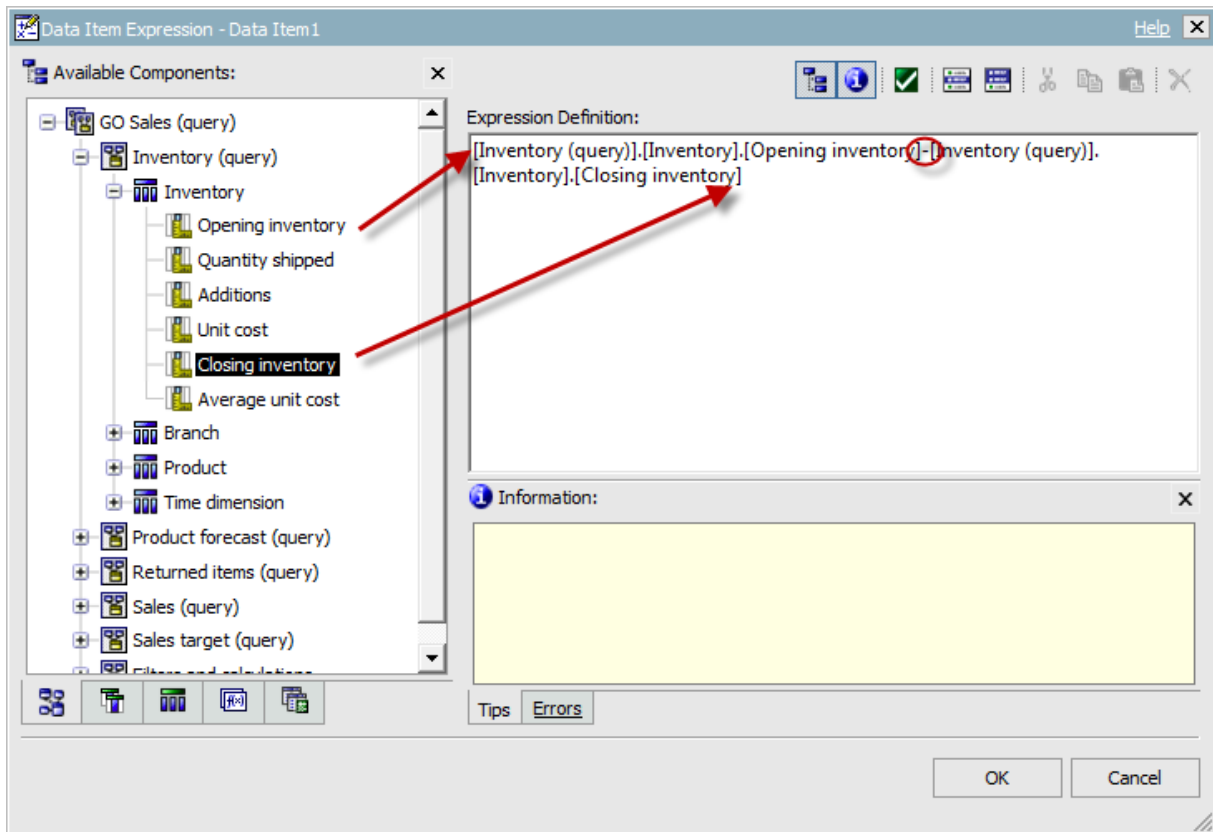
Edit the query:



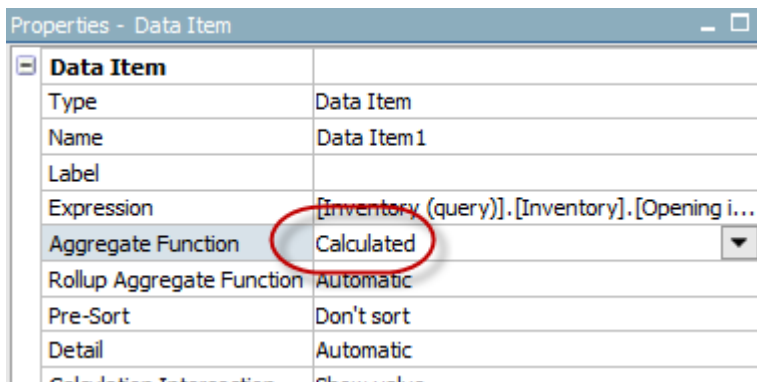
Add a data item:



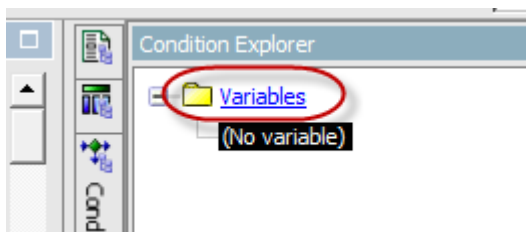
Have it calculate something, that is easy meaning something to you:



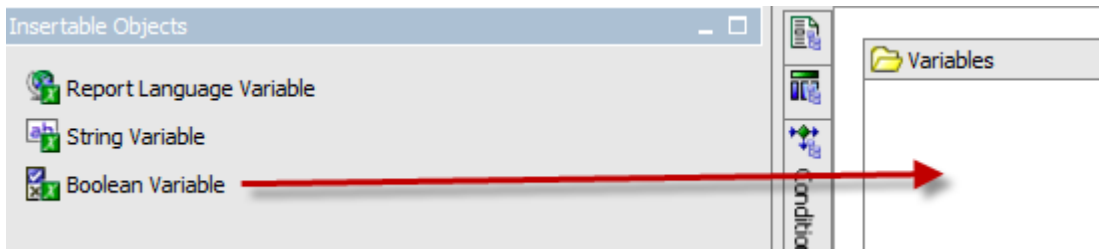
Set the dataitem „Aggregate function“ to „calculated“:



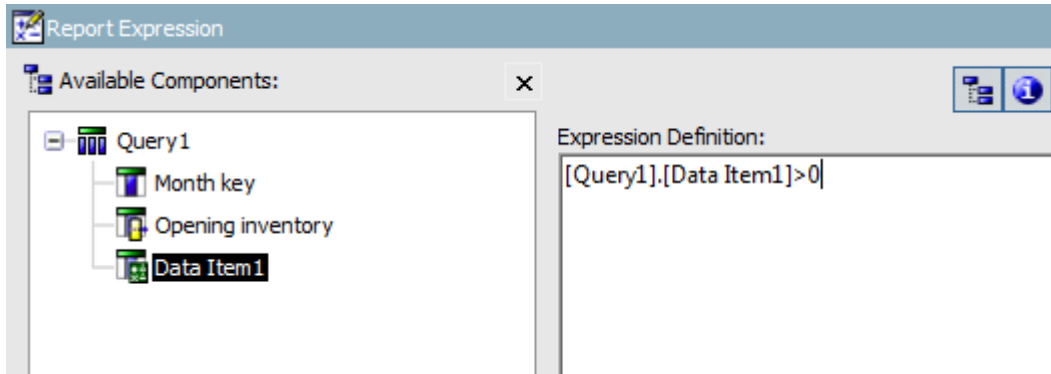
Open condition explorer and add a variable:



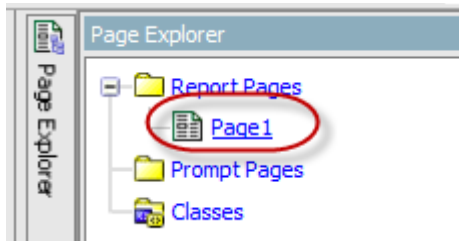
For our case a boolean variable is ok.



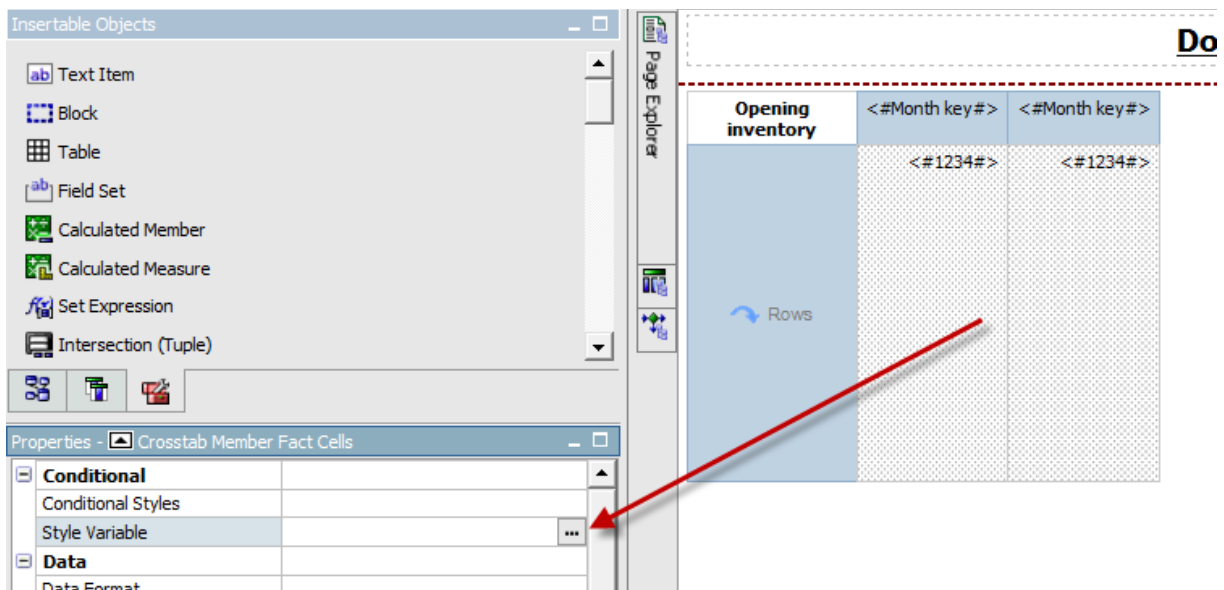
Make it true above "0".



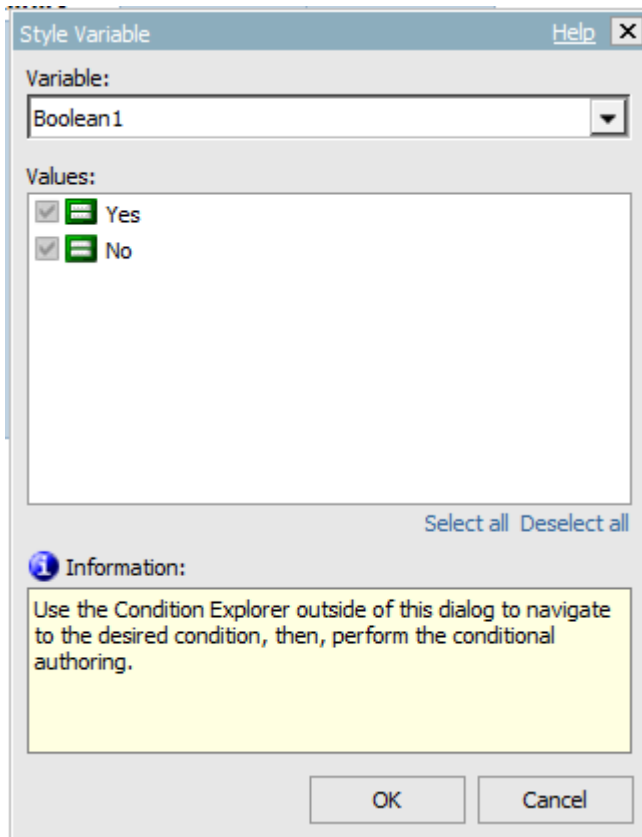
Go to your page:



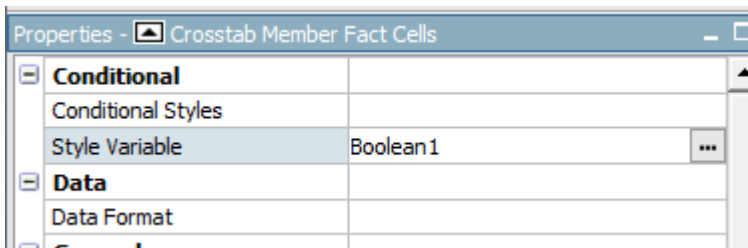
Select your fact-data and click on the style variable:



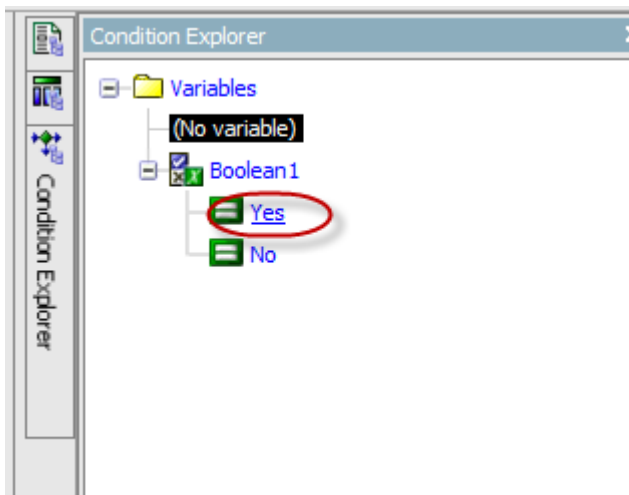
Select the Variable created before:



Result:



Open the condition Explorer and select „yes“:



Change the background-color to green:

The screenshot shows the 'Insertable Objects' pane on the left with various object types like Text Item, Block, Table, Field Set, etc. Below it is the 'Properties - Crosstab Member Fact Cells' pane. The 'Color & Background' section is expanded, and 'Background Color' is selected, with a red circle around the ellipsis button. To the right, a table is shown with a green background for the 'Opening inventory' row. The table has columns for 'Opening inventory', '<#Month key#>', and '<#Month key#>'. The data row shows '<#1234#>' and '<#1234#>'. A red dashed box highlights the top right corner of the table area, with the word 'Doubl' written next to it.

The screenshot shows the 'Background Color' dialog box with the 'Web Safe Colors' tab selected. The 'Lime' color is highlighted with a red oval. The 'OK' button is also circled in red. The dialog box contains a list of named colors: (Default), Black, Silver, Gray, White, Maroon, Red, Purple, Fuchsia, Transparent, Green, Lime, Olive, Yellow, Navy, Blue, Teal, and Aqua.

Double Click the green marked condition explorer.



Result ... nothing selected:



Click the header ...

Opening inventory	<#Month key#>	<#Month key#>
	<#1234#>	<#1234#>

Open the properties:

The screenshot shows the 'Insertable Objects' window on the left with various object types like Text Item, Block, Table, etc. Below it is the 'Properties - Crosstab Node Member' window. In this window, the 'Data' section is expanded, and the 'Data Item' is set to 'Month key'. A red circle highlights the '...' button at the bottom of the Properties window. A red arrow points from this button to the 'Opening inventory' column header in the Crosstab table on the right.

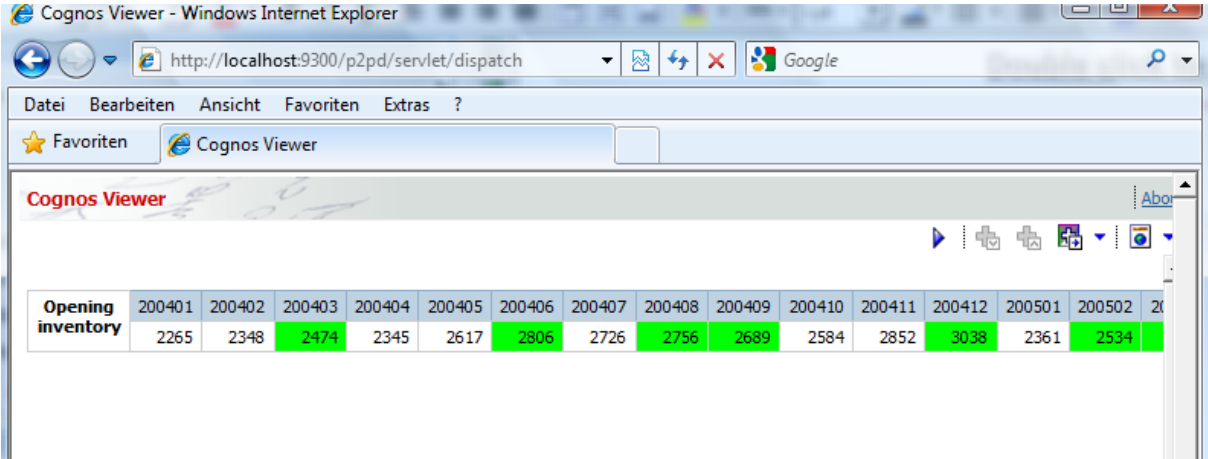
Select the until now hidden data-item (it is added to the available objects in the crosstab like this!):

The screenshot shows a 'Properties' dialog box with a list of objects. The objects are 'Month key', 'Opening inventory', and 'Data Item1'. The 'Data Item1' checkbox is checked and circled in red. At the bottom of the dialog, the 'OK' button is circled in red.

Ready!



Result: Figures with positive (opening-closing stock=still in stock) are green.



The screenshot shows a web browser window titled "Cognos Viewer - Windows Internet Explorer". The address bar shows the URL "http://localhost:9300/p2pd/servlet/dispatch". The browser's menu bar includes "Datei", "Bearbeiten", "Ansicht", "Favoriten", and "Extras". A "Favoriten" bar is visible with a "Cognos Viewer" entry. The main content area displays a table with the following data:

Opening inventory	200401	200402	200403	200404	200405	200406	200407	200408	200409	200410	200411	200412	200501	200502	200503
	2265	2348	2474	2345	2617	2806	2726	2756	2689	2584	2852	3038	2361	2534	200504

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Thanks! With a little help from Ingald Forss.

Thanks! To my wife and wonderful son. You make me happy and add a sense to my life.

Thanks! To Knut for sharing the question with me.

Have a look at our company homepage at www.now-consulting.de

3 December 2009, Stuttgart.