

Chapter-15
Displaying Indicators in SSRS

www.TexaLab.com

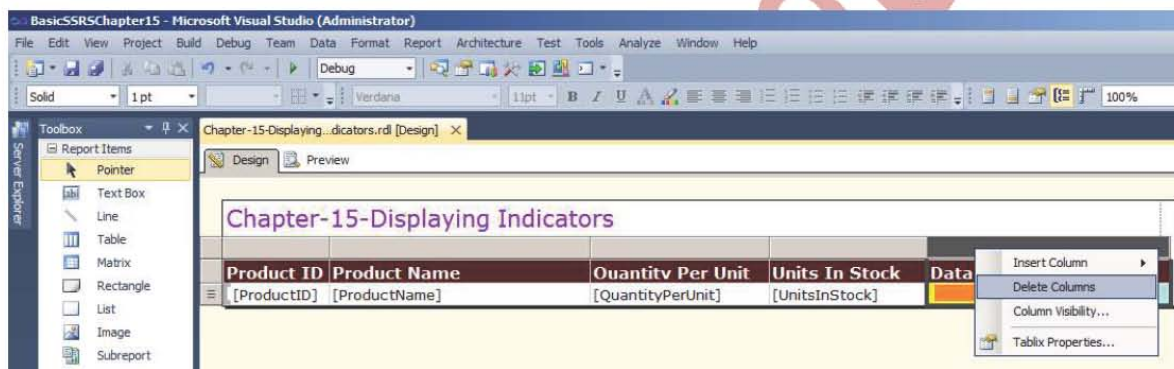
Indicators are small graphical iconic tools that visually shows the state of a single data value at a glance. The indicators are visually effective to show the trends, state, conditions and ratings in quick way.

The indicators can be used to show the following situation in reporting:

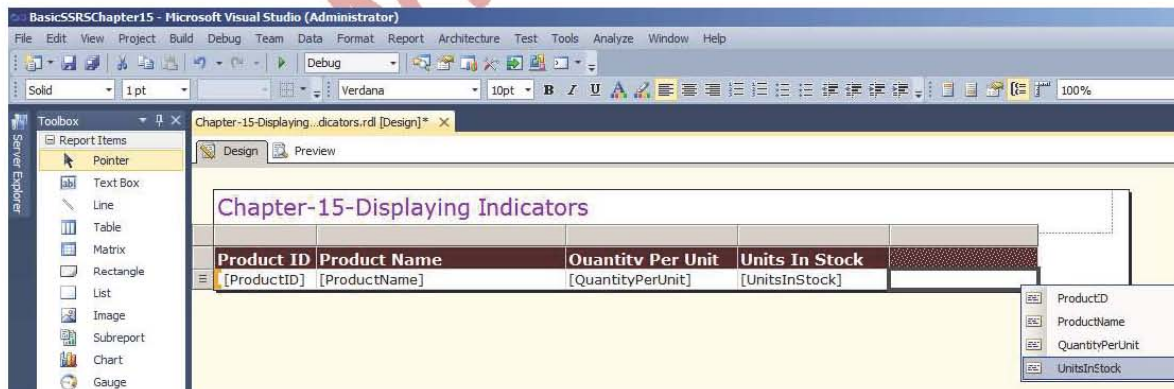
- **Trends** by using increasing up arrow icon, Horizontal or flat for no change in trend, or decreasing arrow icon.
- **State** by using commonly used symbols to indicate the context.
- **Conditions** by using commonly symbols and shapes that convey conditional action. Eg. traffic lights and signs.
- **Ratings** by using commonly used shapes and symbols that show progress. The progress can be indicated by number of quadrants in a square and stars.

Indicators can be used in dashboards or normal reports. The use of indicators are mostly observed in tablar and matrix forms of reports. The following tutorial teaches how to use indicators in reports which we have already made in chapter-14.

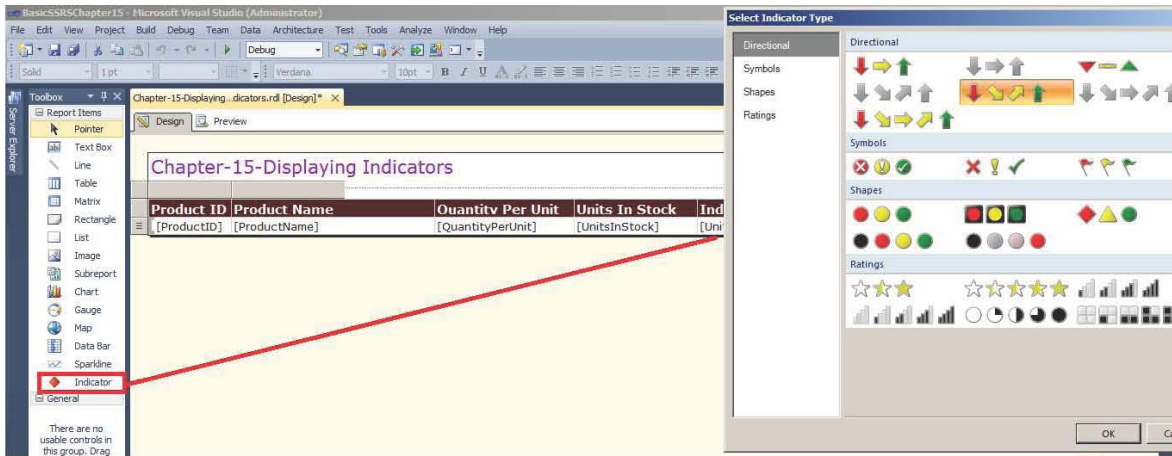
Open SSRS report in design view which we have made in chapter-14. Delete the fifth column “Data Bar (Stock Position)” by right click on column and press delete from drop down as shown.



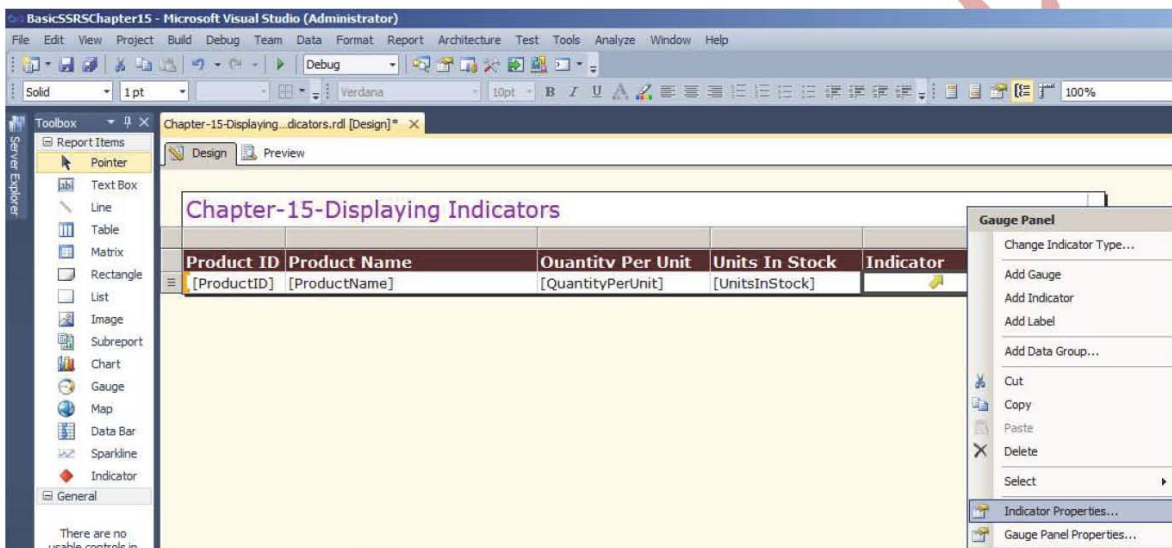
Insert a column right to the “Units in Stock” and choose again the same column value “Units in Stock” as shown.



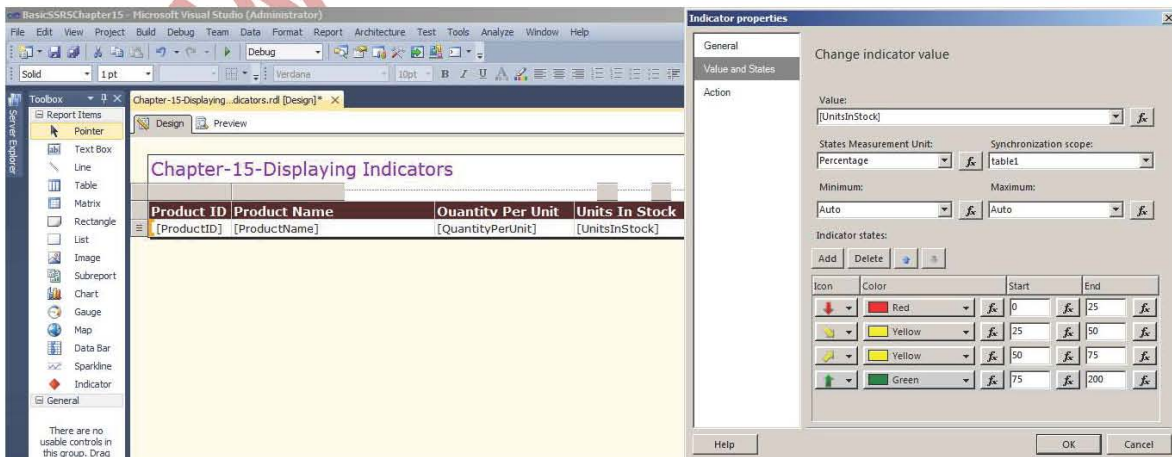
Rename the Header label of the last column to Indicator. From the Report Toolbar Drag and Drop the Indicator tool to the 5th Column with header Indicator “Select Indicator Type” window will appear let us choose “4 Arrows(colored)” and click ok as shown.



We can change the value and states of the Indicator from the Values and States option available in the Indicator Properties. For doing this right click on column Header with name "Indicator" and choose indicator properties as shown.



An Indicator Property windows will appear go to Value and State option as shown and change the start and end value as desired.



Click on ok button and Preview the Report, the following screen will appear. This completes "**Chapter-15-Displaying Indicators**".

The screenshot shows the Microsoft Visual Studio interface with a report preview. The report title is "Chapter-15-Displaying Indicators". The report content is a table with the following data:

Product ID	Product Name	Quantity Per Unit	Units In Stock	Indicator
1	Chai	10 boxes x 20 bags	39	Yellow arrow pointing up
2	Chang	24 - 12 oz bottles	17	Red arrow pointing down
3	Aniseed Syrup	12 - 550 ml bottles	13	Red arrow pointing down
4	Chef Anton's Cajun Seasoning	48 - 6 oz jars	53	Yellow arrow pointing up
5	Chef Anton's Gumbo Mix	36 boxes	0	Red arrow pointing down
6	Grandma's Boysenberry Spread	12 - 8 oz jars	120	Green arrow pointing up
7	Uncle Bob's Organic Dried Pears	12 - 1 lb pkgs.	15	Red arrow pointing down
8	Northwoods Cranberry Sauce	12 - 12 oz jars	6	Red arrow pointing down
9	Mishi Kobe Niku	18 - 500 g pkgs.	29	Red arrow pointing down

www.TexasLak.