

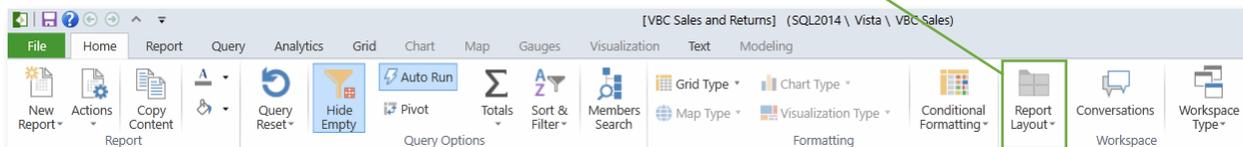
# BI Office Dynamic Text in Data Discovery

In BI Office Data Discovery, **Dynamic Text** allows users to tie specific words and numbers to reports. Users can then build sentences out of them and use conditional logic to enable those sentences to update and change when the data is filtered.

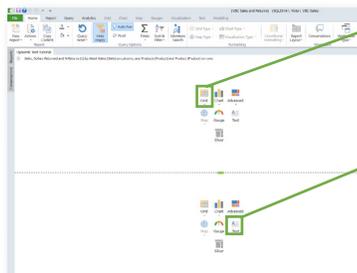
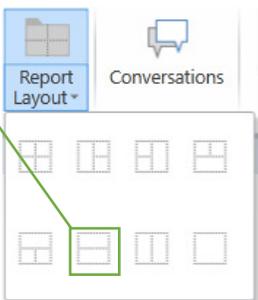
## Set up Text

Open the Data Discovery **report** that the **text** will be based on.

To add a **text view** to the report, from the **Home** tab in the ribbon select **Report Layout**.



Select the **top and bottom** layout.



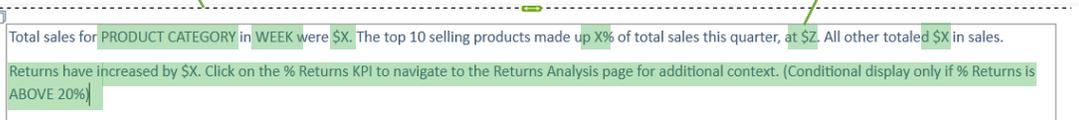
On the **top** view select the **grid**.

On the **bottom** view select **text**.

## Craft the Structure

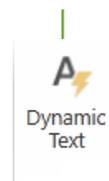
In the text **view** on the Report Panel type out the **Text Syntax**. This may include hierarchies, attributes, and their measures that will be used to conduct **analysis** such as performance analysis or bench marks.

In the **Text Syntax**, note the words and numbers that will be **dynamic**. Notice that the example includes several placeholders for dynamic text.



To begin tying the **text elements** to **data elements** in the grid, start converting them. Select the first dynamic **element** in the text **view** and delete it.

Then on the **Text** tab, select the **Dynamic Text** button.



## Dynamic Text

Notice the **Dynamic Text Wizard** open. In the grid, click the **cell** that contains the attribute's label which correlates with the report  **slicer**.

Click **Save** to return to the text report.

Notice the **coordinates** in the data element that was selected, and the **function** that will be applied to it.

Select **Test**, and notice the selected **attribute** was tested successfully.

Notice that the **attribute** shows up in the text view. It is highlighted with a **lightning bolt** symbol signifying that it is a piece of dynamic text.

Continue the same steps for each **text element** in the text view that still needs to be converted.

## Dynamic Numbers

First select the number and delete it. Then click the **Dynamic Text** button and select the appropriate measure cell in the grid.

Select **Test** and notice the value in the **message box**.

To change the value's format, in the **Dynamic Text Wizard**, highlight the data point and right click to open the **Functions** menu. Select **Formats** and select the desired format.

Select **Test** and notice the value in the **message box** changed.

## Test

To test the dynamic **text** and **number** elements, select a different category from the slicer. Notice the **text** and **values** change.

	Wk 53 2014	Wk 53 2015				
	Sales	Dollars Returned	% Returns (1)	Sales	Dollars Returned	% Returns (1)
All Products	\$2,180,999	\$171,321.10	6%	\$2,760,698	\$320,886.59	8%
% of All Products (2)	30%	13%	13%	33%	13%	14%
All Other Products (2)	\$1,518,611	\$149,233.62	7%	\$1,855,670	\$280,501.14	8%
Top 10 Selling Products (2)	\$662,388	\$22,087.48	2%	\$905,028	\$40,385.44	2%

Total sales for **All** for **Wk 53 2015** were **\$2,760,698**, up **\$579,699**. The top 10 selling products made up **33%** of total sales this week, at **\$905,028**. All other products totalled **\$1,855,670** in sales.

	Wk 53 2014	Wk 53 2015				
	Sales	Dollars Returned	% Returns (1)	Sales	Dollars Returned	% Returns (1)
Bikes	\$3,974,564	\$445,447.95	8%	\$2,495,709	\$269,862.28	13%
% of All Products (2)	30%	13%	25%	33%	13%	28%
All Other Products (2)	\$1,518,611	\$149,233.62	14%	\$1,855,670	\$280,501.14	15%
Top 10 Selling Products (2)	\$662,388	\$22,087.48	3%	\$905,028	\$40,385.44	4%

Total sales for **Bikes** for **Wk 53 2015** were **\$223,365**, up **\$48,977**. The top 10 selling products made up **33%** of total sales this week, at **\$905,028**. All other products totalled **\$1,855,670** in sales.

## Format

Notice that in the **Text** tab on the ribbon, the **Show Highlights** button is selected. Unclick it to turn off dynamic highlighting so that they are not called out.