

Slicers/Sync Slicers in Power BI

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Purpose

This document covers the concept of Slicer. We will learn about Sync Slicers, steps to apply “Sync” slicers and how visuals interact in Power BI Desktop.

What is Slicer?

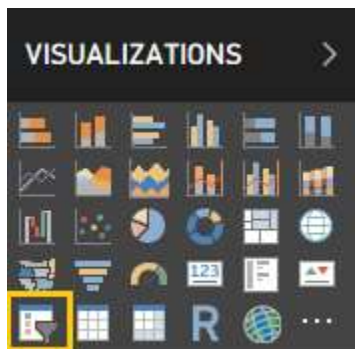
Slicers are one of the most powerful types of visualization. You can use a **slicer** in **Power BI Desktop/Power BI Services** to filter the results of visuals on your report page.

Below is a list of all different type of slicers.

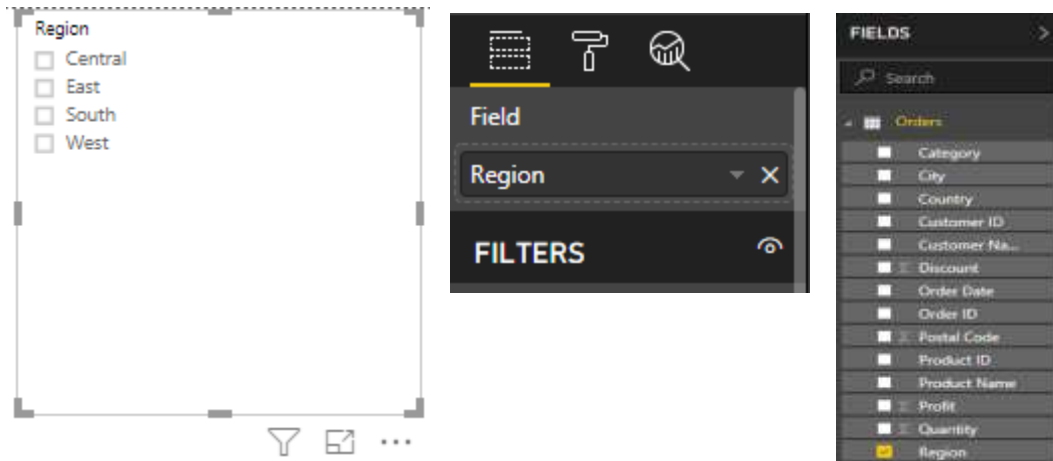
- Dropdown
- Date range Slicer
- List
- Numeric range Slicer
- Relative

Create Slicer

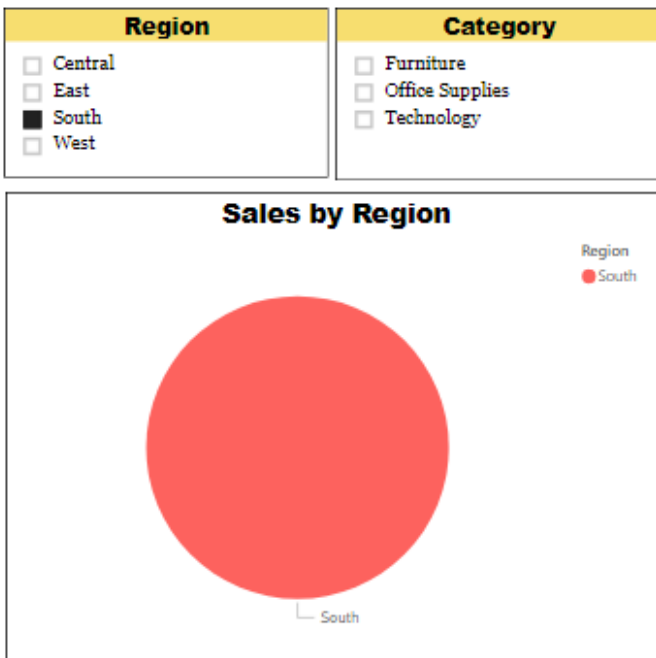
To create a new slicer, you can add a slicer to a report by clicking on the **slicer** visual in the **Visualizations** pane as below.



With the slicer selected, select the column which you need to populate. In below example we have selected the **Region** column from **Orders** table. Slicer created by default is a list of values with check boxes. This can also be done by dragging the column to the **Field** section.



Select any particular Region from the slicer and see the effect on the visualizations on the page. By default, slicers on report pages affect all the other visualizations on that page.



What do we mean by Sync Slicer?

In **Power BI Desktop** you can synchronize slicers across multiple report pages. If we apply “Sync” slicer, then it is synchronized to all the pages where this filter or slicer have been applied.

Example

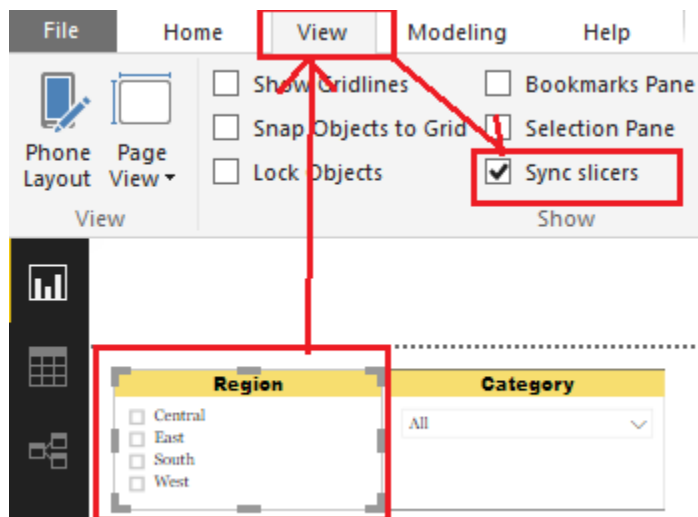
I have created one report having 2 Pages. I have applied following two slicers on Page 1.

- Region - List Slicer
- Category – Drop Down Slicer

Now, I want to “Sync” slicer for “Region”. Below are the steps to achieve the same.

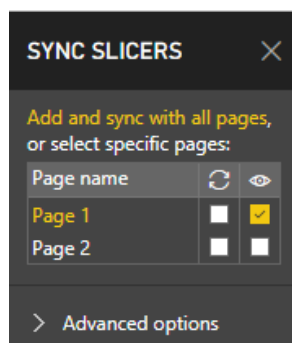
Step 1

To synchronize slicers, select the Region Slicer. Go to the View and select Sync slicers checkbox.



Step 2

It will open settings for Sync Slicers.



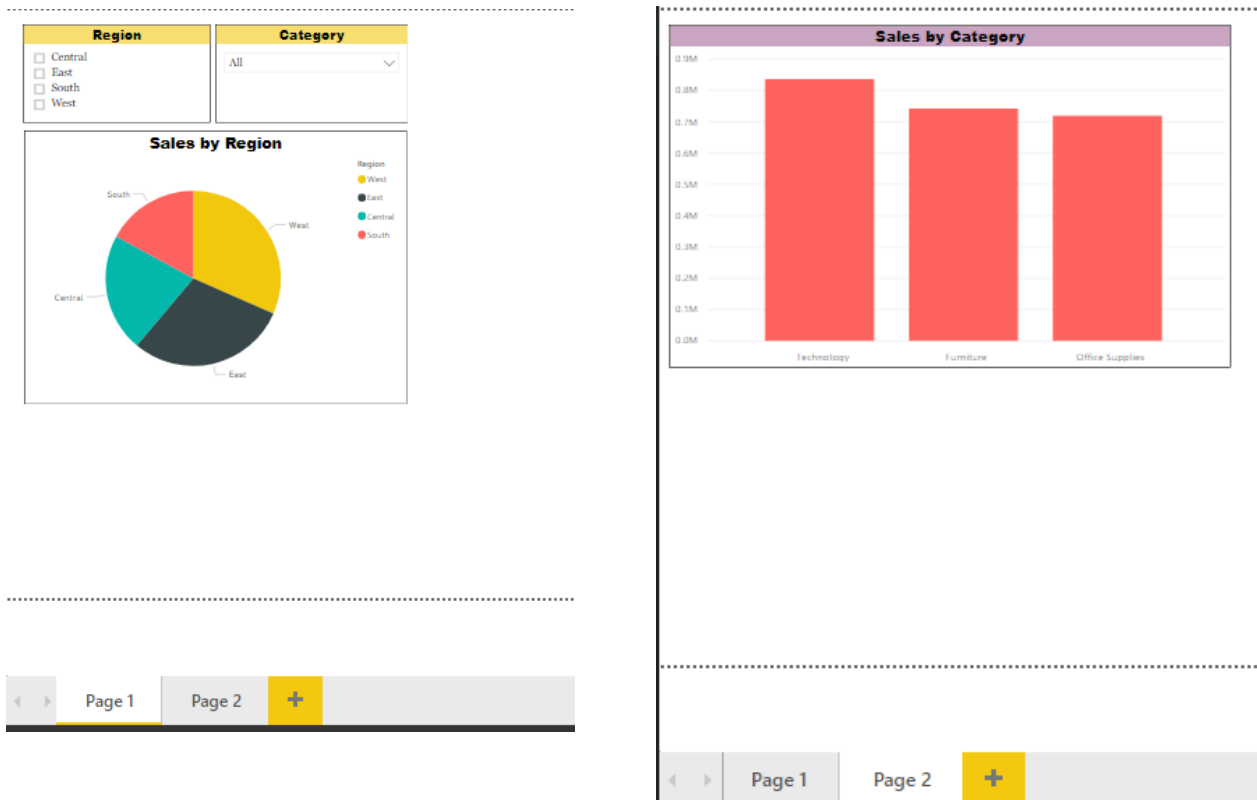
In the **Sync Slicers** pane, you can specify how the slicer should be synchronized across report pages. You can specify whether each slicer should be applied to each individual report page, and whether the slicer should be visible on each individual report page. It has following three options:

- **Add and Synced with to all pages**: Allow slicer to be synced in every page of the report.
- **Visible**: Allow slicer to be visible in selected Page. (Slicer is visible on the selected page but not synced. It means if we apply filter by selecting any Region it will not be synced to another page)
- **Sync**: Allow slicer to be synced in selected Page. (Slicer is not visible, but it is synced)

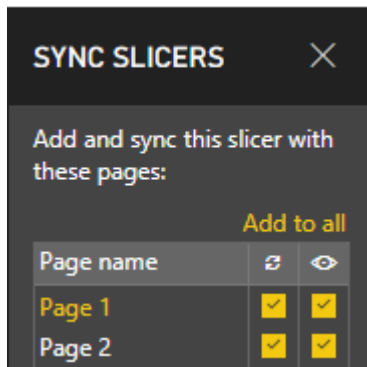
Step 3

Now, let's sync visible slicer on Page 1 and Page 2.

Below is a screenshot of Page 1 and Page 2 before applying sync slicer.

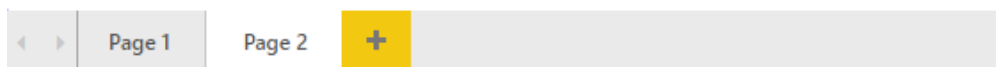
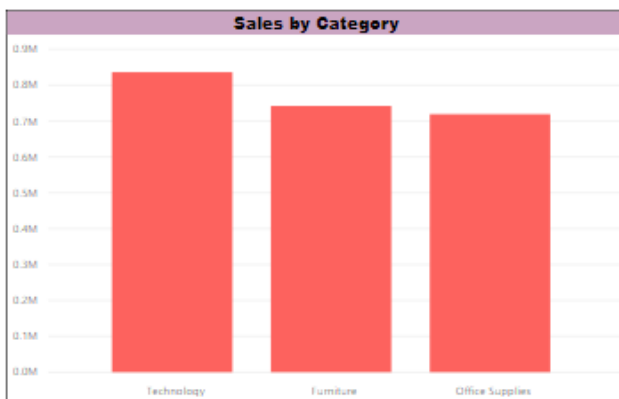
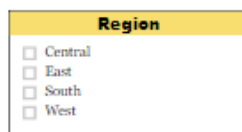


Now lets change Sync Filter setting.



Let's check **Page 2**.

It will show a slicer named "Region".

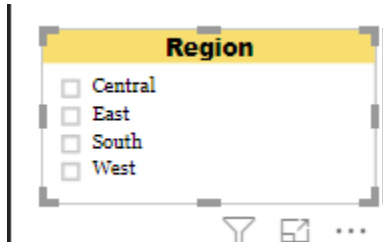


This way we can synchronized slicer across multiple pages.

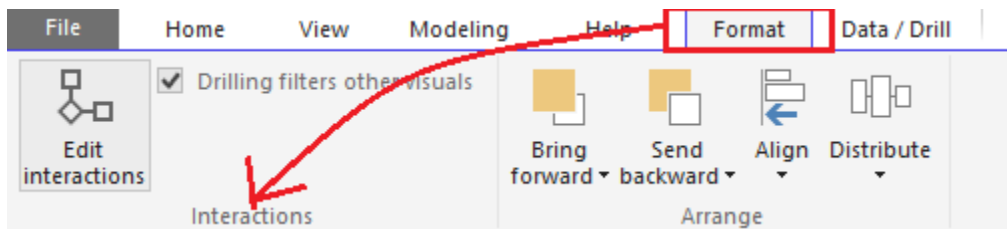
Change how visuals interact in a Power BI report

You can use **Visual interactions** to change how visualizations on a report page impact each other. Follow below steps

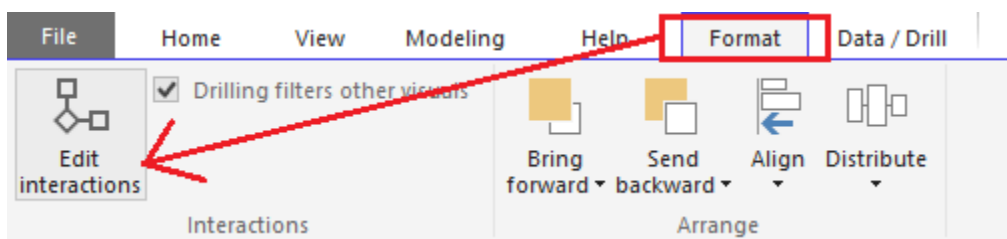
- Select the visualization to make it active.

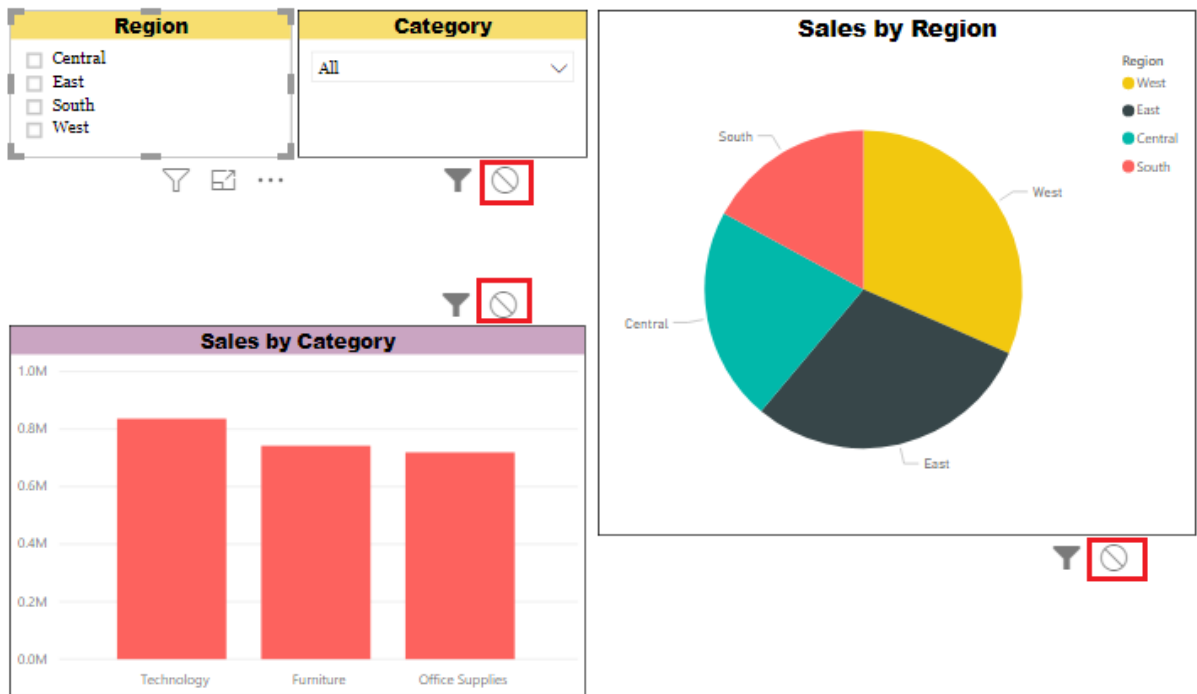


- Display the **Visual Interactions** options by selecting **Format > Interactions**



- To turn on the visualization interaction controls, select **Edit interactions**. Power BI adds cross-filter and cross-highlight icons to all of the other visualizations on the report page.





- Determine what impact the selected visualization should have on the others and repeat for all other visualizations on the report page if required.
- If it should cross-filter the visualization, select the **filter** icon. 
- If it should cross-highlight the visualization, select the **highlight** icon. 
- If it should have no impact, select the **no impact** icon. 

Conclusion

Hence, in this Power BI blog, we learned how to Utilize & Create Power BI Slicer.