

← Takaisin välilehdelle

Tee: Käy oppitunti läpi loppuun asti

Tasks

Note! You are still using **Lesson 7 Digital Storytelling** in this exercise.

Prerequisites

Click [link](#) to download **Chart.png**, and save it to C:\PBExams.

Click [link](#) to download **Table.png**, and save it to C:\PBExams.

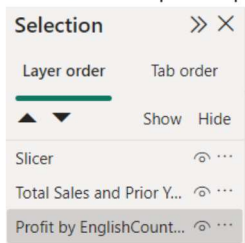
Task 1 - Combining object visibility with bookmarks

The Selection pane provides a list of all objects on the current page and allows you to show or hide visuals. This is useful if a slicer or visual is needed for cross-filtering but is not needed for analysis. It is also useful to reuse the same Report page for the same data but use different visuals when you are pressed for space. The following section will demonstrate how to maximize your use of space when visualizing data in different ways.

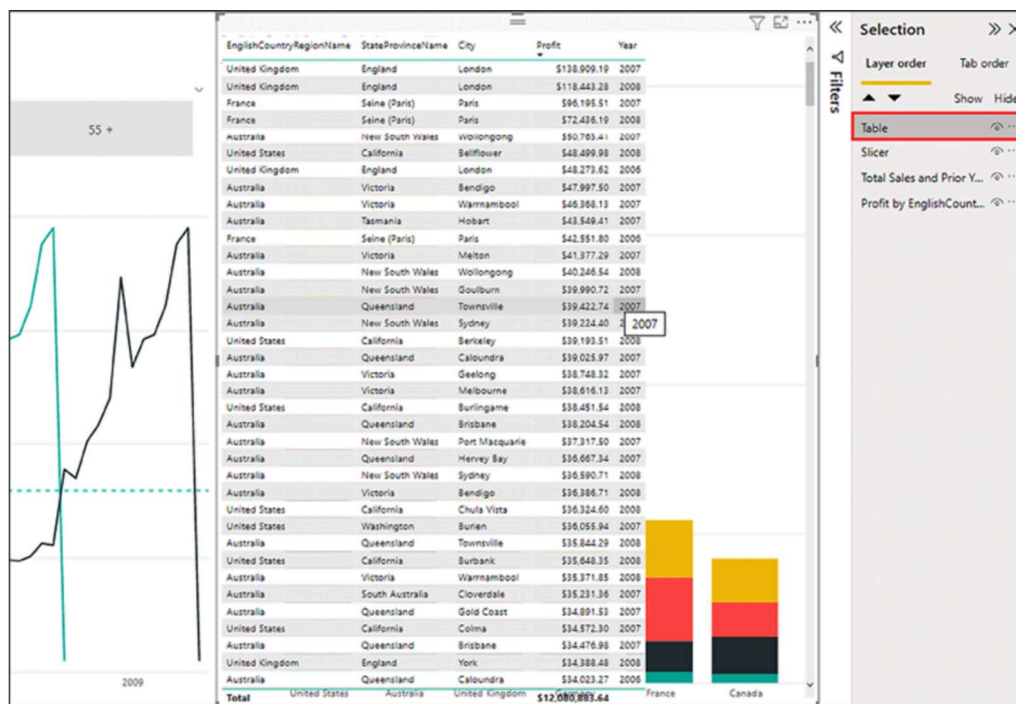
Step 1: Bookmarking alternate views of the same data

Some users may want to see sales by country figures as a bar chart, and others may want to see them as a table. If there is not enough room for both visuals, the default answer may be to create a new page. However, it can be cumbersome to recreate and maintain the same exact filters on multiple pages. An alternative solution would be to put both visuals on the same page and dynamically show or hide them based on a user selection of “chart” or “table.”

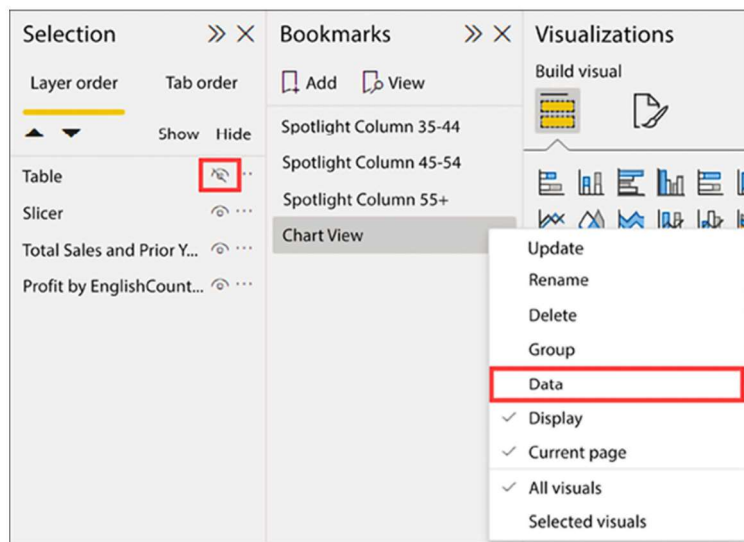
1. On the **View** ribbon, click the **Selection** option in the **Show panes** section.
2. The **Selection** pane appears adjacent to the **Bookmarks** pane.



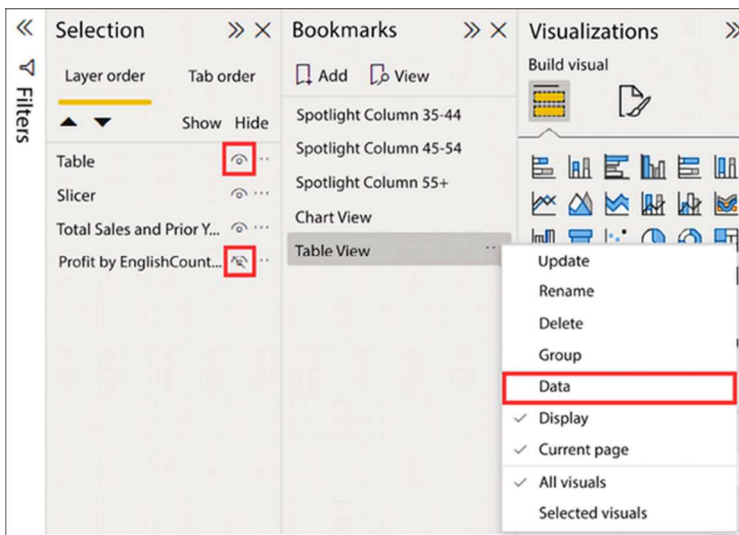
3. Navigate to the **Summary** page and create a duplicate of the **Stacked column** chart. This can be done by selecting the chart and pressing **Ctrl + C** then **Ctrl + V**, or using the **Copy** and **Paste** buttons on the **Home** ribbon.
4. With the duplicate visual selected, change it to a **Table** visual. Move it so that it lies directly on top of the column chart. Initially, it will look a little chaotic. You will see that this new visual is showing up in the **Selection** pane.



4. Just to the right of this object, inside of the **Selection** pane, you will see an **eye** icon.
5. Click the **eye** icon. You will see that the table visual disappears from the canvas—it is still part of the **Report** page but has been hidden.
6. Add a new bookmark and name it **Chart View**. Also, for this new **Chart View** bookmark, ensure that the **Data** option is not selected. The goal is to bookmark only the visual selection, not the data selection:



Using the knowledge from the example you just completed, create one final bookmark that shows the table but hides the **Stacked column** chart. Call this bookmark **Table View** and be sure to remove the data selection from the bookmark options:

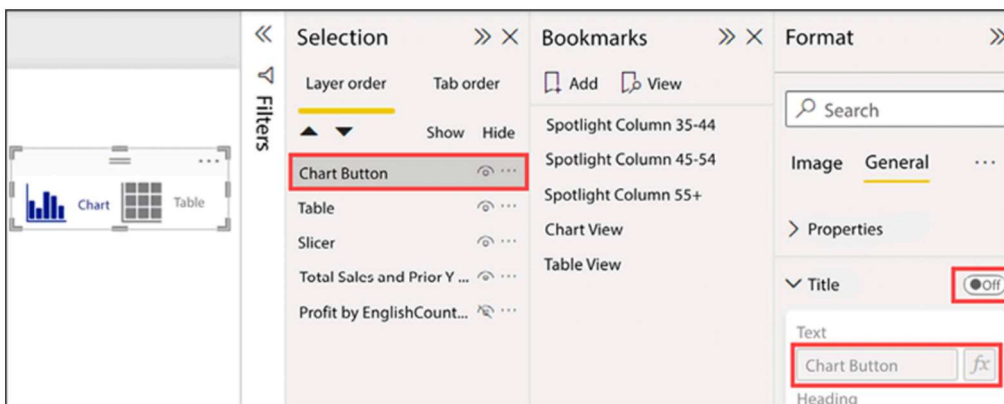


You can now see two different ways of displaying the same data within the same **Report** page, making efficient use of the available space.

Step 2: Using buttons to select bookmarks

Buttons can provide users with an even easier method for switching between bookmarks. To add buttons to your report, take the following steps:

1. While on the **Summary** page of the report, navigate to the *Insert* ribbon and click the **Image** button in the **Elements** section. This will launch a file browser to select an image file.
2. Navigate to the directory **C:\PBExams** for the **Chart.png** image to add it to the canvas.
3. In the **Format** section of the **Visualizations** pane, turn the **Title** property **On**, name the image *Chart Button*, then turn the **Title** property **Off**. This will help distinguish between the buttons in the **Selection** pane but not display the title on the image in the report:



3. Repeat this process to add **Table.png** and change the title to *Table Button*.
4. To the best of your ability, stack the images on top of each other. You may need to reduce the size of other visualizations to allow space for the images.

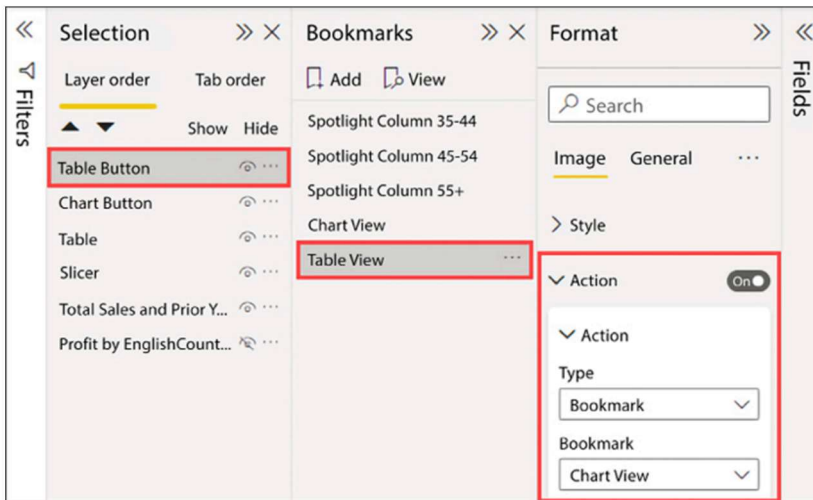
Now it's time to turn these images into buttons the user can press to toggle between the **Chart View** and **Table View** bookmarks.

5. Select the **Chart View** bookmark and then hide the **Table Button** image in the **Selection** pane. Select the ellipsis (...) for the **Chart View** bookmark and choose the **Update** option. Now make the same change on the **Table View** bookmark, selecting the **Table View** bookmark, hiding the **Chart Button** image, and choosing the **Update** option from the bookmark's ellipsis.

The last piece that will tie all this together is to assign an action to the appropriate image within the bookmarks. An action will allow users to click on the **Chart Button** image, visible on the **Chart View** bookmark, and be taken to the **Table View** bookmark,

giving the appearance of a toggle switch. Similarly, the **Table Button** image, visible on the **Table View** bookmark, will take the user to the **Chart View** bookmark again, giving the appearance of toggling to the other view.

6. While the **Table View** bookmark is selected, highlight the **Table Button** image in the **Selection** pane. The **Visualizations** pane will change to **Format**.
7. Locate and expand the **Action** properties. Change the toggle to **On**, select **Bookmark** from the **Type** dropdown, and select **Chart View** from the **Bookmark** dropdown:



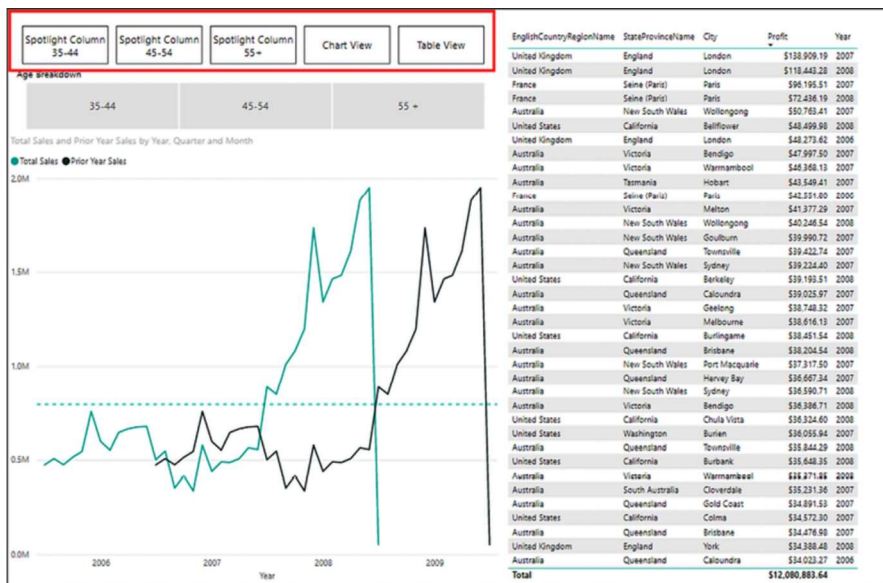
Now, when you click on the **Table Button** image you will be taken to the **Chart View** bookmark, making a static image feel like an interactive button. In order to experience this behavior while developing the report, just hold the **Ctrl** key on the keyboard and left-click the image, and you will be taken to the **Chart View** bookmark. When the report is deployed to the Power BI service, you will not need to hold **Ctrl** while clicking the button to interact with it. You will simply left-click the image.

To finish this example, make the same changes to the **Chart View** bookmark and set the **Chart Button** image to have an Action that will navigate back to the Table View bookmark.

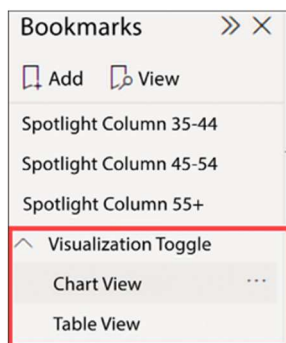
Step 3: Using the Bookmark navigator

Creating buttons to navigate between bookmarks provides a great amount of flexibility to a report developer but comes at the cost of development time and complexity. Imagine needing to add additional bookmarks to this page. A stacked button approach would no longer work as it does with the chart/table toggle. This would require an update to the report to separate the existing buttons, create the new bookmark, create a new button, then size and space the buttons appropriately. This would need to be repeated each time an additional bookmark is required.

1. From the **Insert** tab on the ribbon, press the **Buttons** dropdown located in the **Elements** section.
2. At the bottom of the list, expand **Navigator** and select **Bookmark** navigator. The bookmark navigator is added to the page and looks very similar to a slicer. Notice all the existing bookmarks are visible, saving time from having to set up buttons for each bookmark. As new bookmarks are created, they will be added to the bookmark navigator automatically.



- By default, all the bookmarks are shown. To limit the bookmarks displayed you will first need to **create bookmark groups**.
- From the **Bookmarks** pane select both the **Chart View** and **Table View** bookmarks by selecting the Chart View bookmark, and then, while holding the **Ctrl** key, click the Table View bookmark.
- Right-click and select the **Group** option. Optionally, rename the group to something more useful, like *Visualization Toggle*.



- For the purpose of this exercise there is no need to create additional groups for the spotlight bookmarks, but those could be grouped together as well for a more clean and consistent report. So far, there is nothing special about the group other than to help organize the development environment and possibly aid a user who is navigating bookmarks using the Bookmarks pane. These groups do serve one additional purpose with the bookmark navigator.
- Select the **bookmark navigator** on the report canvas. Locate the **Bookmarks** setting in the **Format** pane and choose the **Visualization Toggle** group from the dropdown. Notice now that the bookmark navigator only displays the bookmarks included in the Visualization Toggle group. By renaming, reordering, adding, or removing bookmarks from this group the navigator will automatically be updated.

As with many items in Power BI, there are a variety of visual formatting options, including changing the shape from rectangles, modifying the button font, switching from a horizontal to vertical grid layout, and many more. This is an incredibly useful feature that will no doubt save time and aid in creating well organized reports..

End-of-Exercise

Olet suorittanut 0 % oppitunnista

Siirry...

Exercise 26 - Report pages as tooltips ►

Olet kirjautunut nimellä Janne Bragge. (Kirjaudu ulos)

PowerBI

Suomi (fi)

Deutsch (de)

English (en)

Français (fr)

Suomi (fi)

Svenska (sv)

Hanki mobiilisovellus