Tee: Käy oppitunti läpi loppuun asti

Tasks

You are still using **Lesson 7 Digital Storytelling** in this exercise.
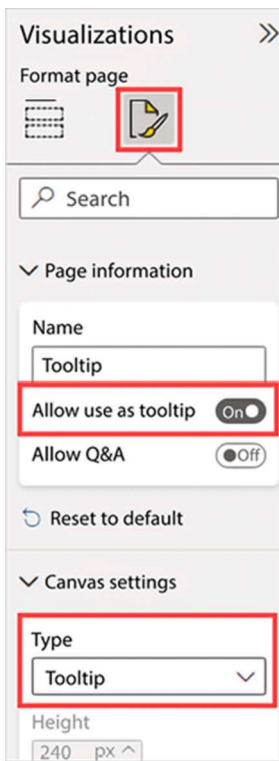
Task 1 - Report pages as tooltips

Tooltips are another useful feature that allows a user to see precise information about a piece of a visual while moving the mouse around the Report canvas. While the formatting options can display value labels on a visual, sometimes that can cause a report to become too cluttered or a visual may just be too small to display a label. Tooltips solve this problem by allowing a user to see the label information for only the data point they hover the mouse over.

Power BI includes a few different important options for tooltip visuals. First, to use a visual for a tooltip, you must create a report page and tell Power BI that the page will be used as a tooltip. While any page can be a tooltip, report pages are large and are often too big to be an effective tooltip, so Power BI has a special canvas size specifically for use in tooltips. Finally, you can set a specific report page to display as the tooltip for each visual or allow Power BI to intelligently choose the appropriate page (if multiple pages are defined as tooltips).
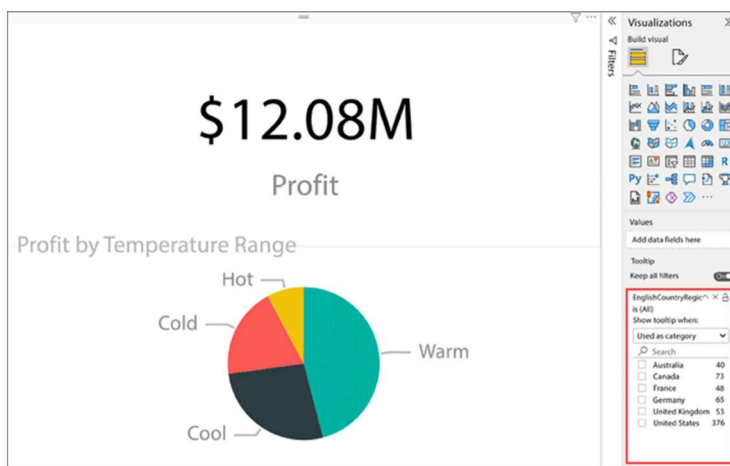
Step 1: Build a visual tooltip

1. Add a new page to the report and name the page **Tooltip**. Right-click on the page name and select **Hide** page since users will not be navigating to this page directly.
2. From the **Visualizations** pane, change to the **Format** section. Expand the **Page information properties** and change the **Allow use as tooltip** toggle setting to **On**.

   Expand the **Canvas** settings properties and change **Type** to **Tooltip** if it did not change automatically:
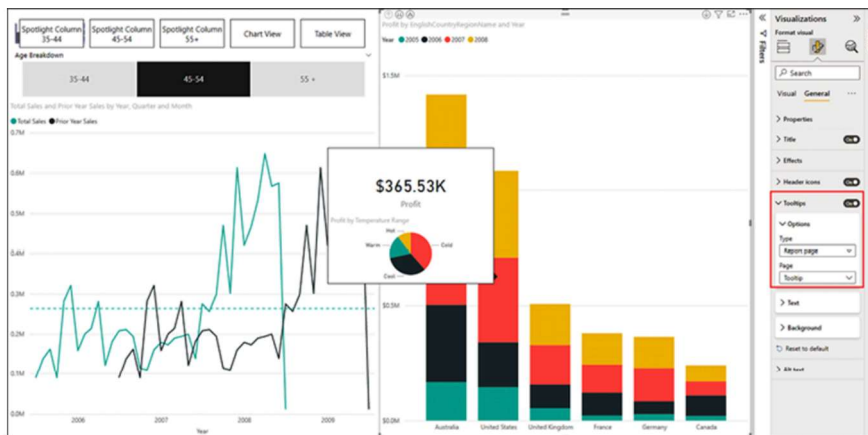
3. Power BI may scale the canvas to fit the screen. When we change **Type** to **Tooltip** it may not look like the canvas is much smaller if the scaling is set to **Fit to page**. To change the size of the canvas, navigate to the **View** ribbon, then locate the **Page view** option in the **Scale to fit** section and change it to **Actual size** or **Fit to page** as you desire.

4. On the top half of the canvas, create a **Card visual** using the **Profit** measure from the **Internet Sales** table.

5. On the bottom half of the canvas, create a **Pie chart** visual using **Temperature Range** from the **Temperature** table **as the Legend** and the **Profit** measure from the **Internet Sales** table **as the Values**.

6. To make the visual filter based on location, click anywhere on the blank canvas to deselect any visuals, and add **EnglishCountryRegionName** to the **tooltip fields bucket** on the **Visualizations** pane. Setting **Keep all filters to On** will operate similar to drill through filters, thereby retaining and applying all the source filters to the tooltip.

7. Return to the **Summary** page of the report. **Select Stacked** column chart. In the **Visualizations** pane, navigate to the **General** section. Locate the **Tooltips properties** and select **Report** page for the **Type property** and **Tooltip** for the **Page property**.

Now, when hovering the mouse over a column in the chart, the visual tooltip we just created should appear and the country will be passed in as a filter to the tooltip:

Many of the settings on a tooltip can be changed to provide more relevant information to users, but visual tooltips offer a powerful way to extend the tooltip functionality. By creating small pages of visuals and leveraging filters, you can provide a vast amount of additional data and insight that just cannot be matched by the default tooltips.

End-of-Exercise

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Metropolia