Power BI

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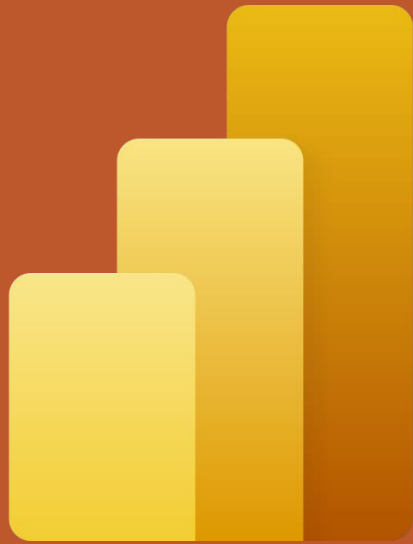
Agenda

Practical-B (Part-2):

❖Data Reporting (Creating Visualizations)

❖Custom Visuals in Power BI

❖Publishing to Power BI Service

Data Reporting (Creating Visualizations)

➢Building Basic Visualizations

➢Visualization Interactivity

Building Basic Visualizations

❑ Our Sales Manager wants to track the value of website bike sales over the last few years.

1. From the **Report** view, select the **Stacked Column Chart** visual from the **Visualizations** pane.

2. Drag the **Sales Amount** measure, drop it on the visual place holder.

3. Drag the **CalanderYear** column from the **DimDate** table and drop it on the visual.

4. Click the chart, go to the Visualizations pane, click the **format** icon from the visualizations pane. Then Disable Y Axis.

5. Enable **Data Labels** to show values on each bar. To make it more readable.

Building Basic Visualizations

❑ Our marketing manager would like to know the occupation of customers who order the most stock to target with a new campaign.

1. Drag the **OrderQuantity** column from the **FactInternetSales** and drop it onto a blank space of the report canvas.

2. Drag the **EnglishOccupation** column from the **DimCustomer** and drop it on the newly created chart.

3. Make sure the column chart is still on focus, then click on **Pie Chart** visual from the Visualizations pane to turn the column chart to a Pie chart.

4. Move and resize the visuals to nicely fit the page.

Visualization Interactivity

With multiple visualizations visible on a page, Power BI Desktop allows you to cross-highlight and cross-filter the data between visualizations.

1. In the **Report Design** view, click on the **Professional** slice of the **Pie Chart**.

2. The portion of **InternetSales** related to **Professionals** is highlighted on the Stacked Column Chart and Pie Chart - this will cross highlight the other charts on the report page.

Visualization Interactivity

You can edit the cross-highlighting behavior to cross-filtering:

1. Select the **Pie chart** from the report canvas.

2. Go to the **Format** tab, click the **Edit interactions**.

3. Change the interactivity of the Column chart to **Filter**.

4. Select the **Column chart**.

5. Change the interactivity of the Pie chart to **Filter**.

6. Click the **Edit Interaction** button again to set the changes.

Visualization Interactivity

To change the default interaction behavior from cross-highlighting to cross-filtering :

1. In Power BI Desktop click the **File** menu.

2. Click **Options and settings**.

3. Click **Options**.

4. In the Options window, click **Report settings** tab.

5. Tick the Change default visual interaction from cross highlighting to **cross filtering**. Then Click **OK**.

Getting Custom Visuals from AppSource

To get Custom Visuals from AppSource:

1. Click the **...** button on the Visualizations pane.

2. Click **Get more visuals**.

3. Search to find the custom visual you are after. Then Click **Add**.

Removing Custom Visual

To remove a custom visual:

1. Click the **...** button on the Visualizations pane.

2. Click **Remove a visual**.

3. Select the custom visual you want to remove. You can also select multiple custom visuals by "Ctrl + select the custom visuals you want to remove".. Then Click **Remove**.

Publishing to Power BI Service

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To publish your report to Power BI Service:

1. Click the **Publish** button from the ribbon bar.

2. Type in you Power BI Service credentials.

3. Click **Sign in**.

4. Select a workspace you want to publish your report to.

5. Click **Select**.

6. After your report is successfully published, you can click the report link on the Publishing to Power BI window.

7. Click **Got it**.