Welcome to
INTERNSHIP STUDIO

Module 01 | Lesson 07
Data Analysis and Visualization in Excel

Creating PivotCharts

What are PivotCharts?

- PivotCharts are visual representations of PivotTable data in Excel.

- They provide a dynamic and interactive way to analyze and present data.

- PivotCharts are directly linked to PivotTables, allowing for real-time updates when the underlying data changes.

Benefits of PivotCharts

- **Enhanced visualization**: PivotCharts offer a clear and concise view of data patterns and trends.

- **Interactive exploration**: Users can dynamically filter, drill down, and rearrange data on the chart.

- **Seamless integration**: PivotCharts are tightly integrated with PivotTables, providing a comprehensive data analysis experience.

Creating a PivotChart

- **<u>Select the PivotTable</u>**: Click anywhere inside the PivotTable you want to create a chart from.

- **<u>Go to the "Insert" tab</u>**: Click on the "PivotChart" button.

- **<u>Choose a chart type</u>**: Select the desired chart type from the available options.

- **<u>Customize the PivotChart</u>**: Adjust chart elements, such as titles, axes, legends, and data labels.

PivotChart Example

- Imagine you have a PivotTable summarizing sales data by product category and region.

- Create a PivotChart to visualize the total sales amounts for each product category.

PivotChart Design Options

- **Data series**: Select the data series to be plotted on the chart (e.g., product categories).

- **Axis fields**: Define the horizontal and vertical axis fields (e.g., regions and sales amounts).

- **Chart elements**: Customize chart elements like titles, labels, legends, and axis scales.

- **Formatting options**: Apply formatting styles, colors, and themes to enhance the chart's appearance.

Interacting with PivotCharts

- **<u>Filtering</u>**: Use filters to focus on specific data subsets within the PivotChart.

- **<u>Drill down</u>**: Explore detailed information by expanding or collapsing data categories.

- **<u>Slicers</u>**: Add slicers to visually filter data and interactively control the chart's view.

Refreshing PivotCharts

- If the underlying PivotTable data changes, right-click on the PivotChart and select "Refresh" to update the chart.

- Alternatively, use the Refresh button in the PivotTable Analyze/Options tab to update both the PivotTable and the PivotChart.

SUMMARY

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You got this

- PivotCharts are powerful tools for visualizing and analyzing data from PivotTables.

- They provide a dynamic and interactive way to explore trends and patterns.

- Experiment with different chart types, designs, and interactivity options to effectively communicate insights from your data.

Next session

Live Practice