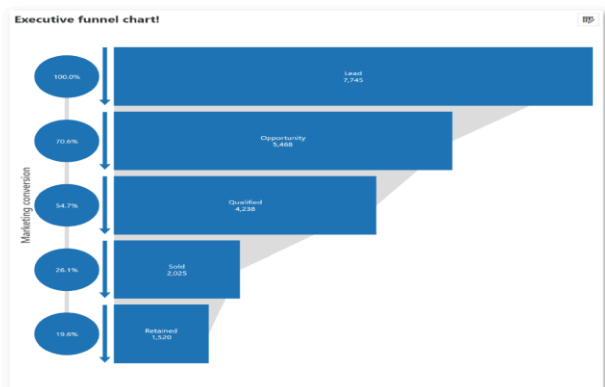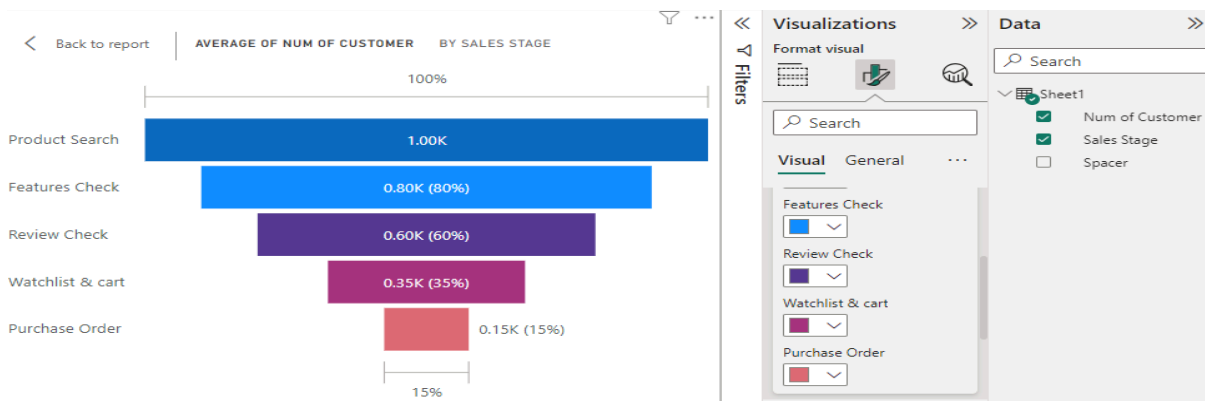## 📊 Funnel Charts in Power BI

A Funnel Chart in Power BI visualizes a linear process that has sequential, connected stages. Each stage represents a percentage of the total, typically decreasing in size, resembling a funnel. This visualization is particularly useful for identifying bottlenecks in processes such as sales pipelines, recruitment, or order fulfillment.

How to Create a Funnel Chart in Power BI

- Insert the Chart: In the Visualizations pane, click on the Funnel Chart icon.
- Add Data Fields:
- Group: Drag a categorical eld representing stages (e.g., Sales Stage).
- Values: Drag a numerical eld representing values at each stage (e.g., Opportunity Count).
- Customize the Chart:
- Data Labels: Enable to display exact values or percentages on each segment
- Colors: Adjust segment colors for clarity.
- Tooltips: Add additional elds to display more information on hover.

📊 Ribbon Chart in Power BI

A Ribbon Chart is a data visualization tool in Power BI used to represent trends across different categories over time. The ribbons represent the values of each category, and their size is proportional to the values. The ribbons can overlap, and their position in the chart indicates the relative magnitude of the category values.

How to Create a Ribbon Chart in Power BI

- Insert the Chart: In the Visualizations pane, click on the Ribbon chart icon. Microsoft Learn
- Add Data Fields:
- X-Axis: Drag a eld representing the time or sequential dimension (e.g., Month, Year).
- Y-Axis: Drag a numerical field representing the value to rank(e.g., Month, Year).
- Legend: Drag a categorical eld representing the categories to compare (e.g., Product Category).
- Customize the Chart:
- Data Labels: Enable to display values or percentages on each ribbon.
- Colors: Adjust ribbon colors for clarity.
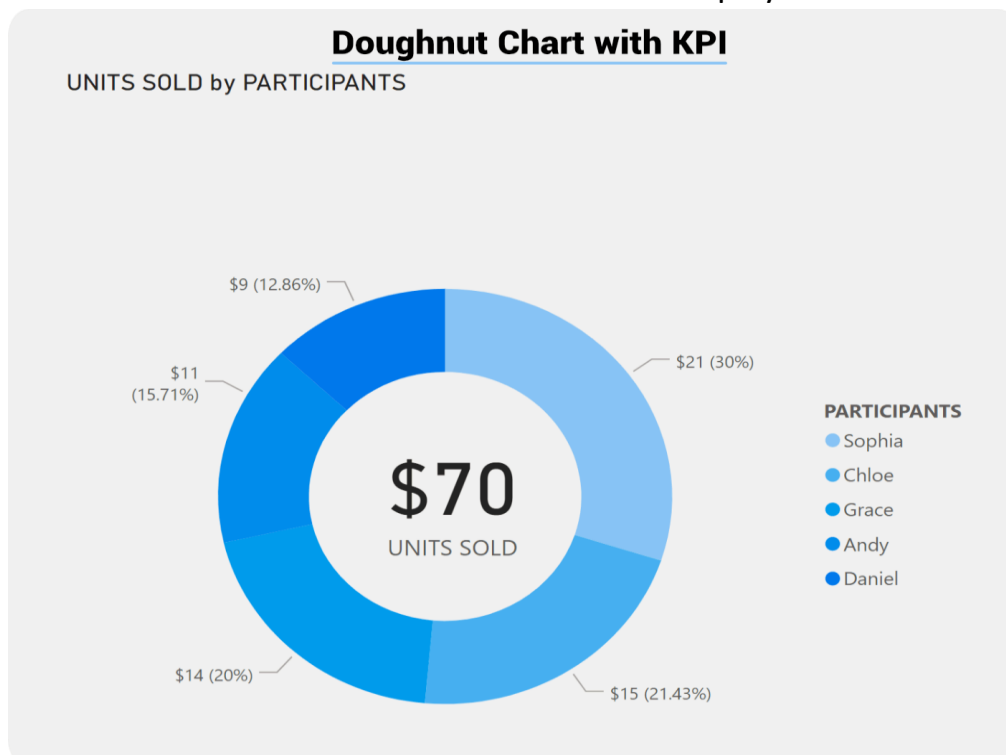- Tooltips: Add additional elds to display more information on hover.
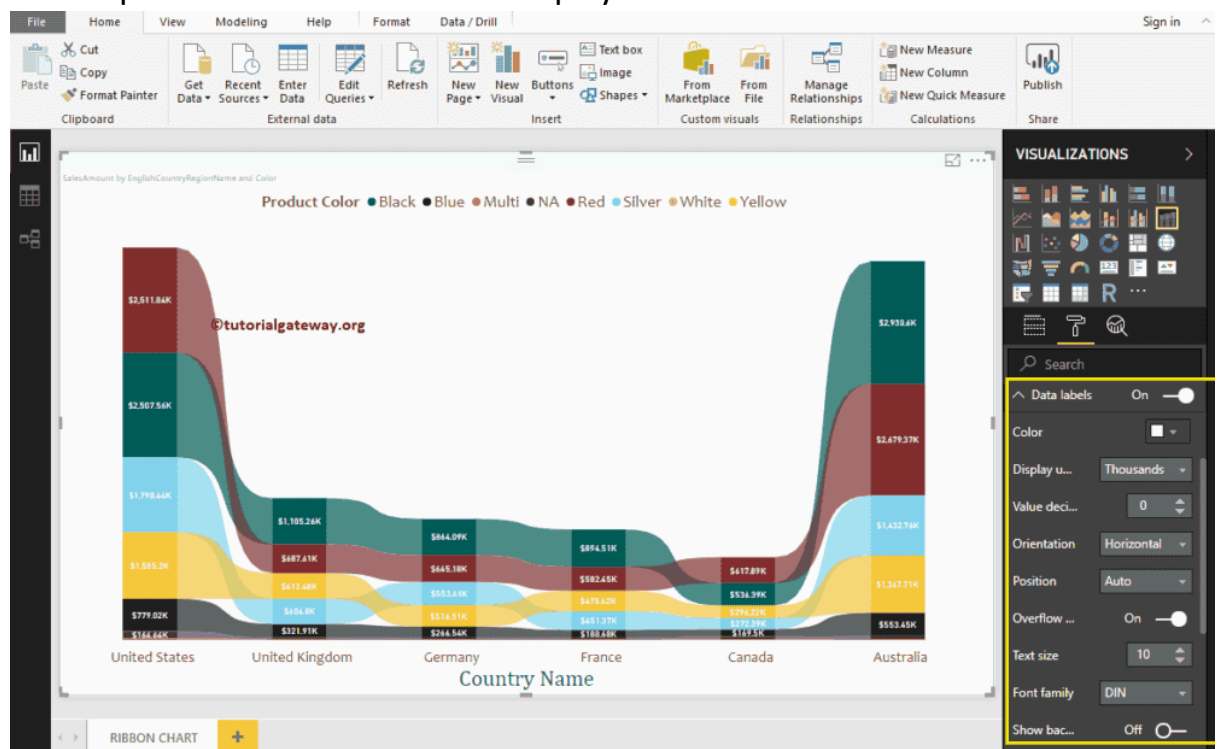
🍩 Donut Charts in Power BI

A Donut Chart in Power BI is a circular chart similar to a pie chart, but with a blank center. This center space can be utilized to display additional information, such as total values or key performance indicators (KPIs). Donut charts are effective for showing the relationship of parts to a whole

How to Create a Donut Chart in Power BI

- Insert the Chart: In the Visualizations pane, click on the Donut Chart icon.
- Add Data Fields:
- Legend: Drag a categorical eld (e.g., Product Category).
- Values: Drag a numerical eld (e.g., Total Sales).
- Customize the Chart:
- Data Labels: Enable to show exact values or percentages on each slice.
- Colors: Adjust slice colors for clarity.
- Tooltips: Add additional elds to display more information on hover.
- Center Label: Utilize the blank center to display totals or KPIs.

Doughnut Chart with KPI

UNITS SOLD by PARTICIPANTS

$9 (12.86%)
$21 (30%)
$11 (15.71%)
$70 UNITS SOLD
$14 (20%)
$15 (21.43%)

PARTICIPANTS
- Sophia
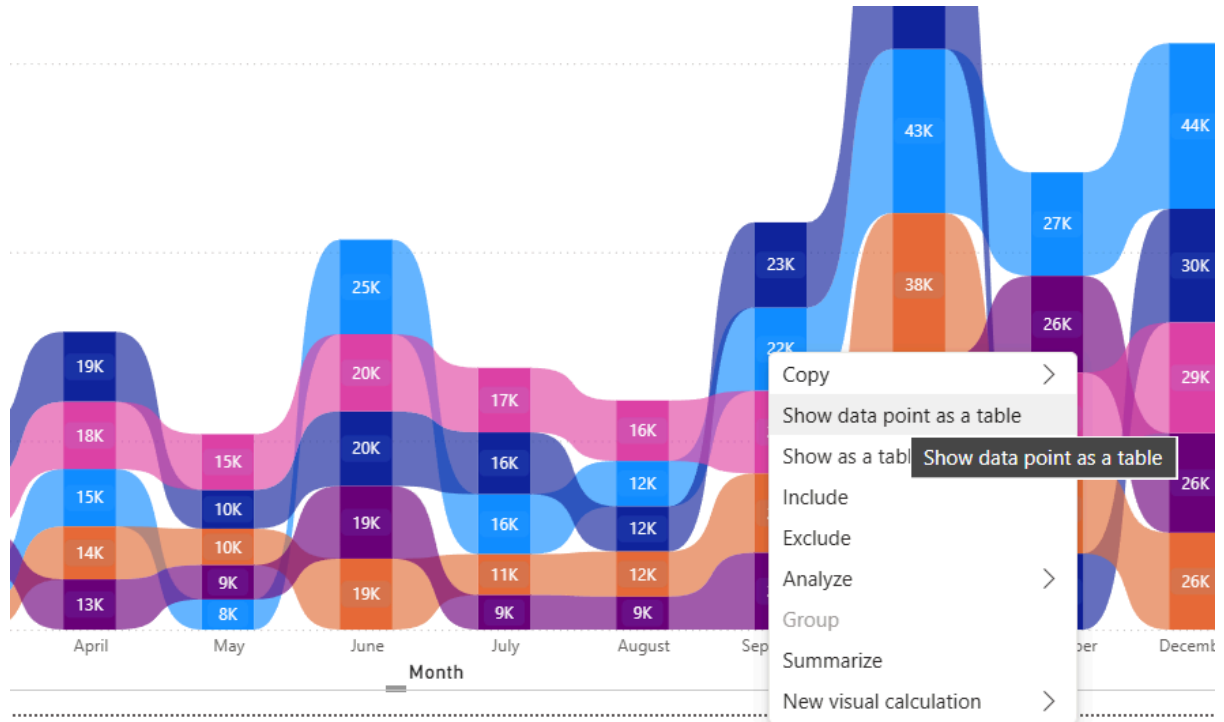- Chloe
- Grace
- Andy
- Daniel

📊 View Data in Power BI

- View Data allows users to see the underlying data behind a visual.
- It shows data in tabular form as it is used in that specific visual.

How to Use:

- Right-click on a visual → Select "Show as a table" or "View data".
- Alternatively, use the ellipsis (⋮) menu on the top-right of a visual
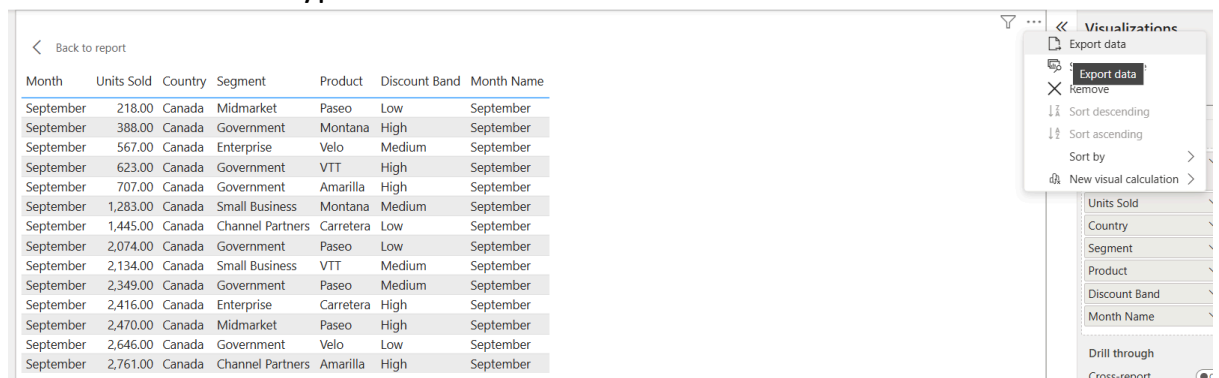

Export Data in Power BI
Allows users to download data from a visual into a le (CSV, Excel).
How to Export:

- Click the ellipsis (⋮) on a visual → Select "Export data"
- Choose: File type: .csv or .xlsx