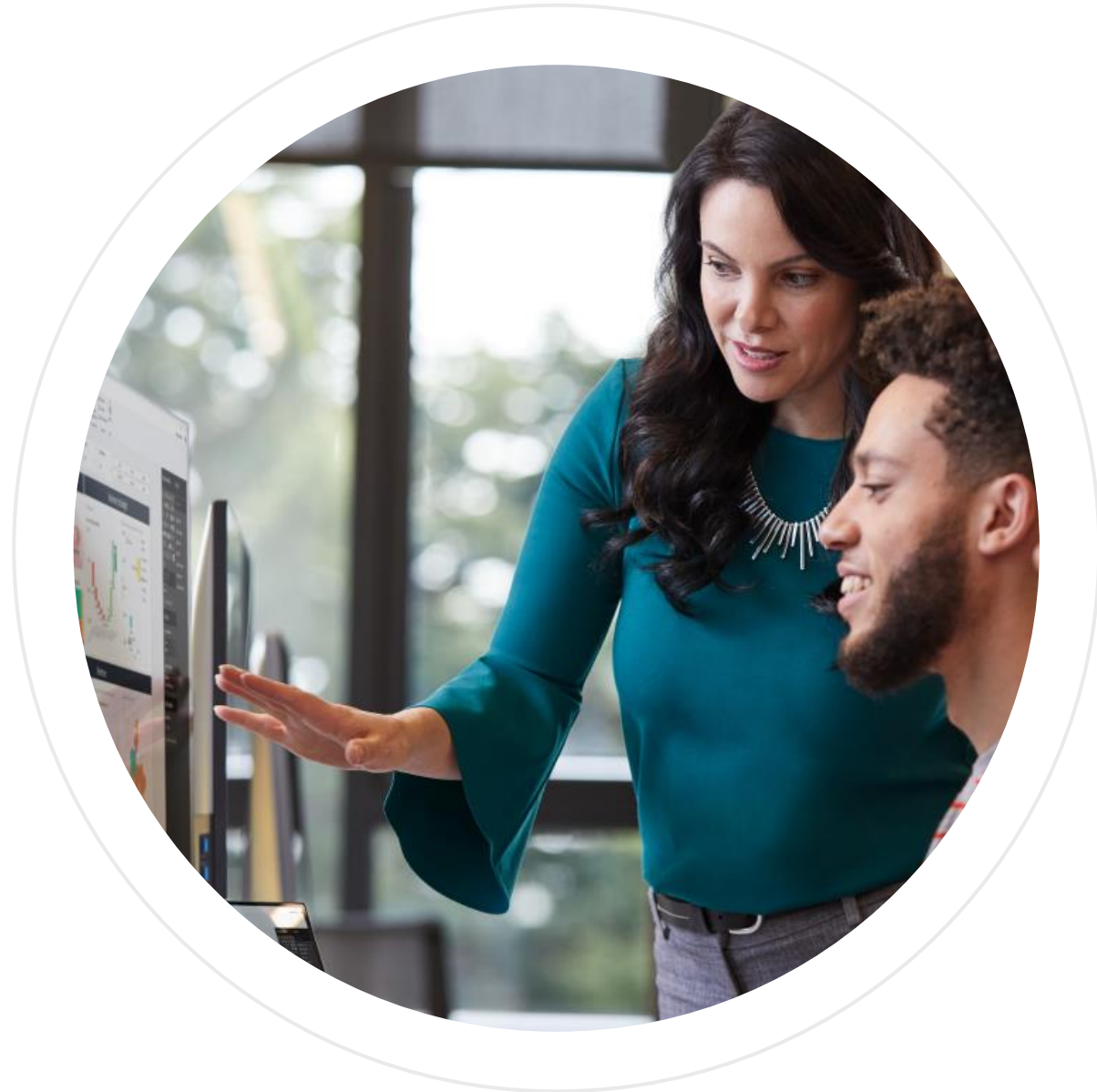


Online Role-based training resources:

**Microsoft Learn**

<https://docs.microsoft.com/en-us/learn/>

# Module 7: Create Reports



# Objectives

**Vous apprendrez les concepts suivants :**

**Créer un rapport**

**Améliorer un rapport**

# Module Agenda



Créer un rapport



Améliorer un rapport

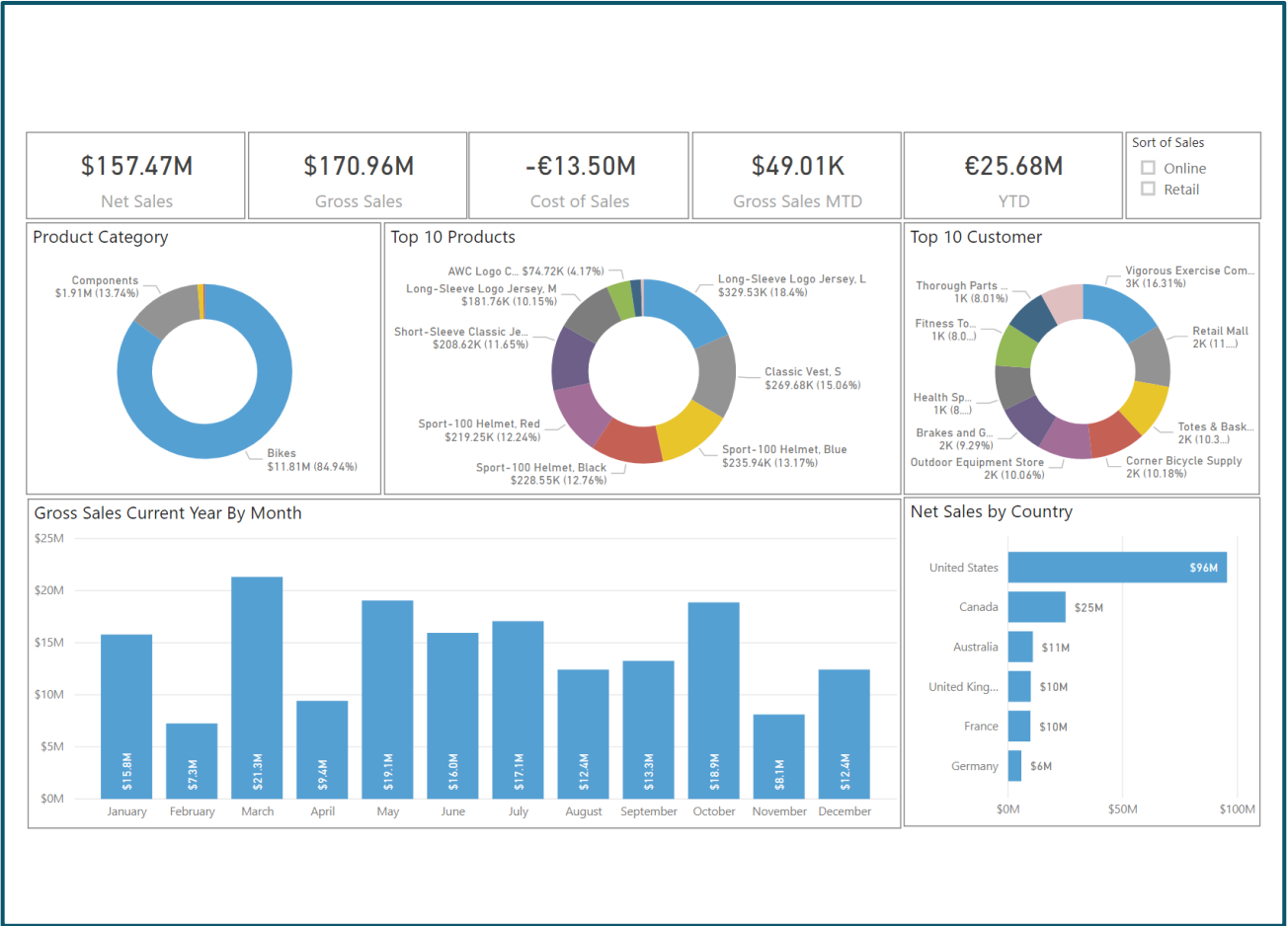
# Lesson 1: Créer un rapport



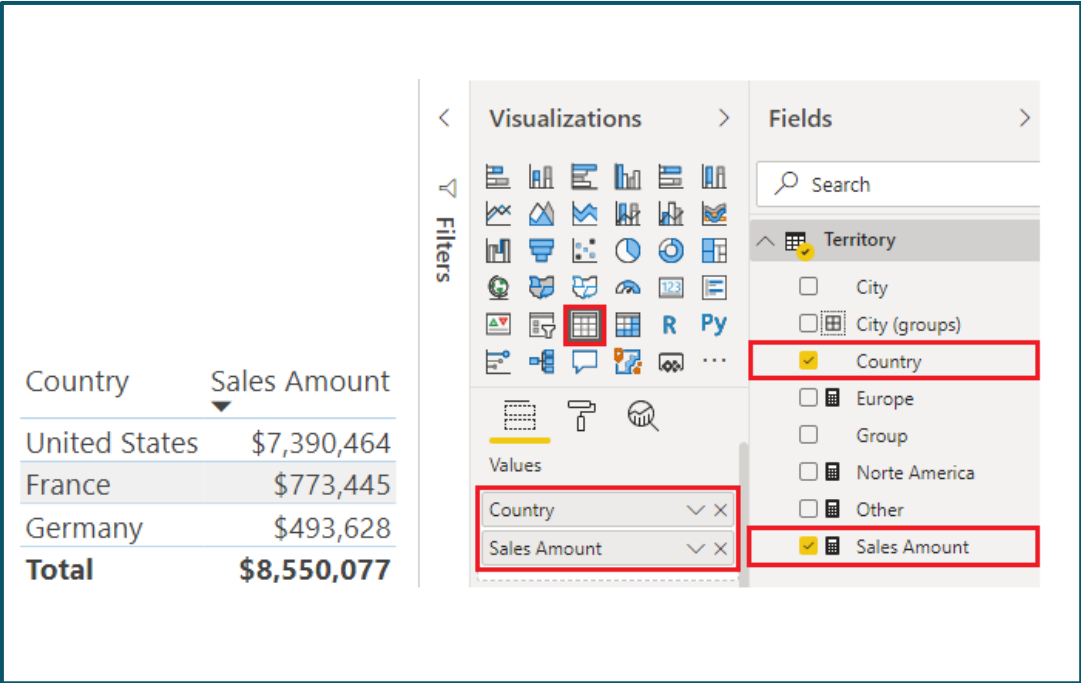
# Introduction

- Les visuels vous permettent de partager les informations issues des données de manière plus efficace.  
Des visualisations efficaces aident vos utilisateurs à se connecter et à interagir avec les informations.

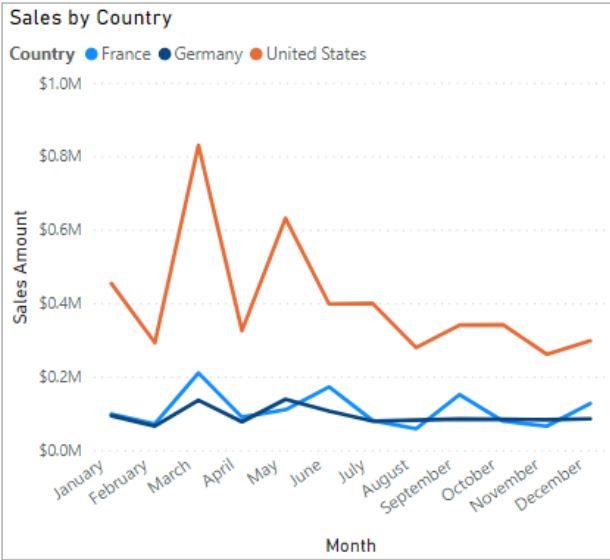
# Concevoir une mise en page de rapport



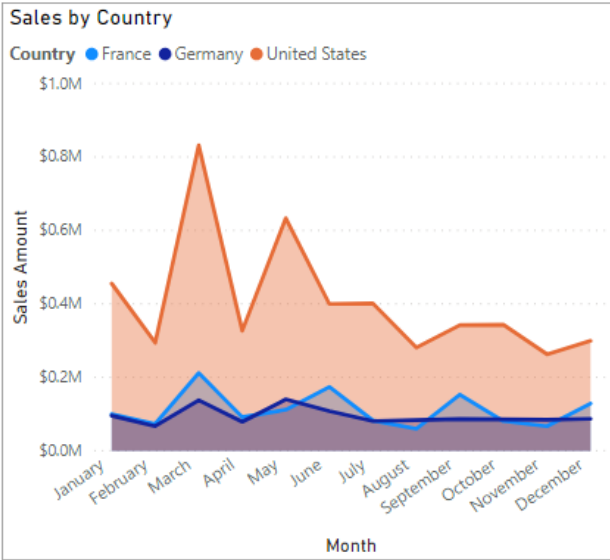
# Choisir des visualisations efficaces



Le bon visuel fait toute la différence



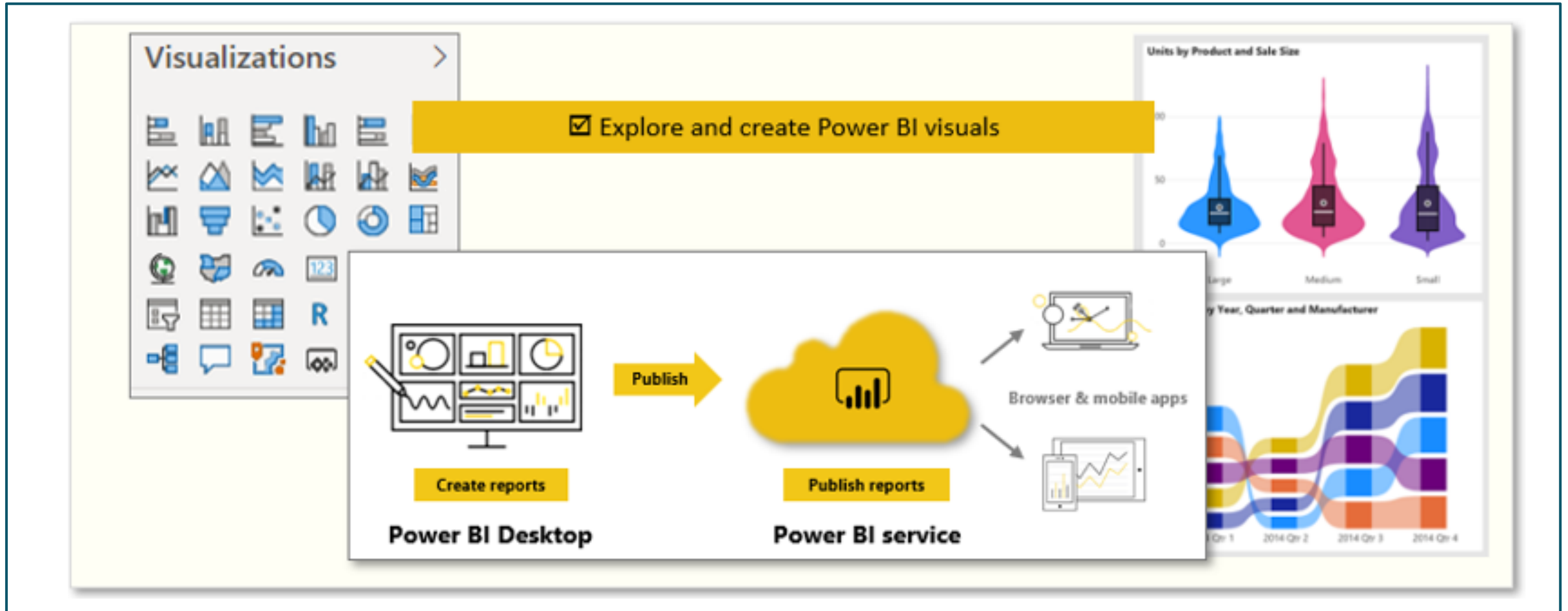
Line Chart



Area Chart

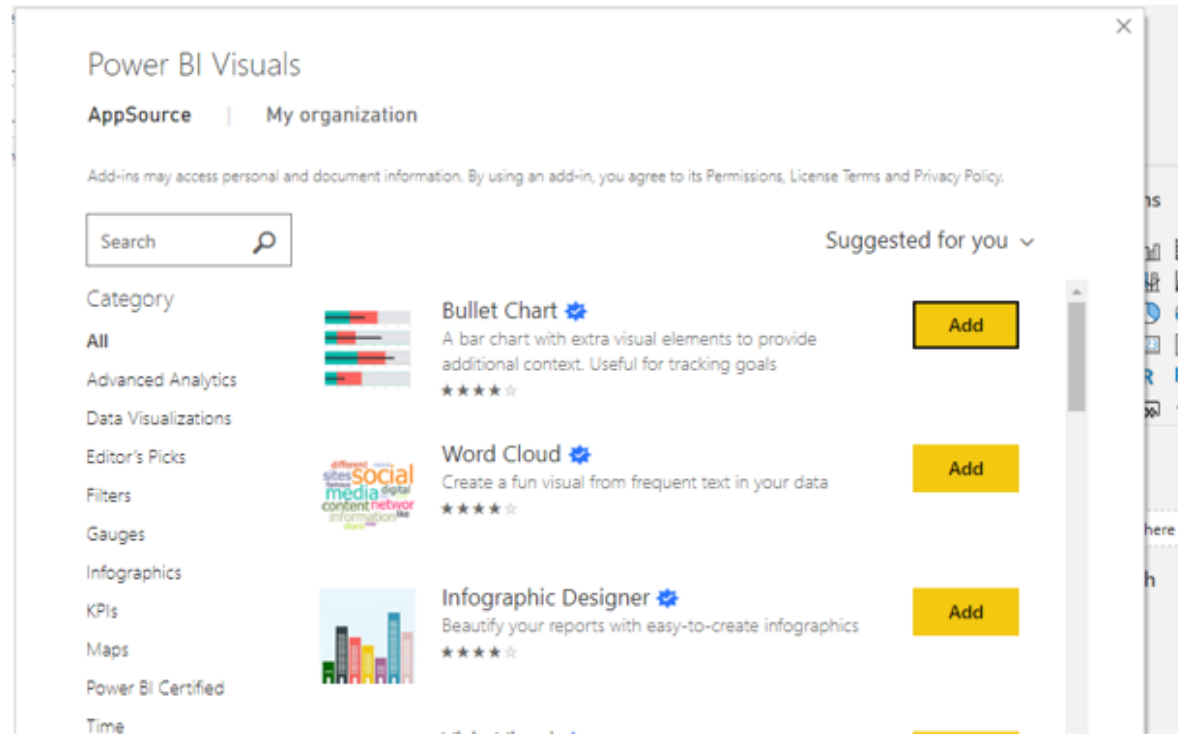
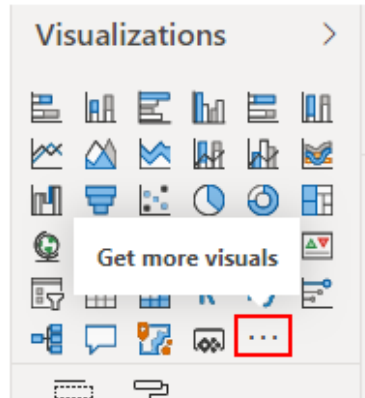


# Ajouter des visualisations aux rapports

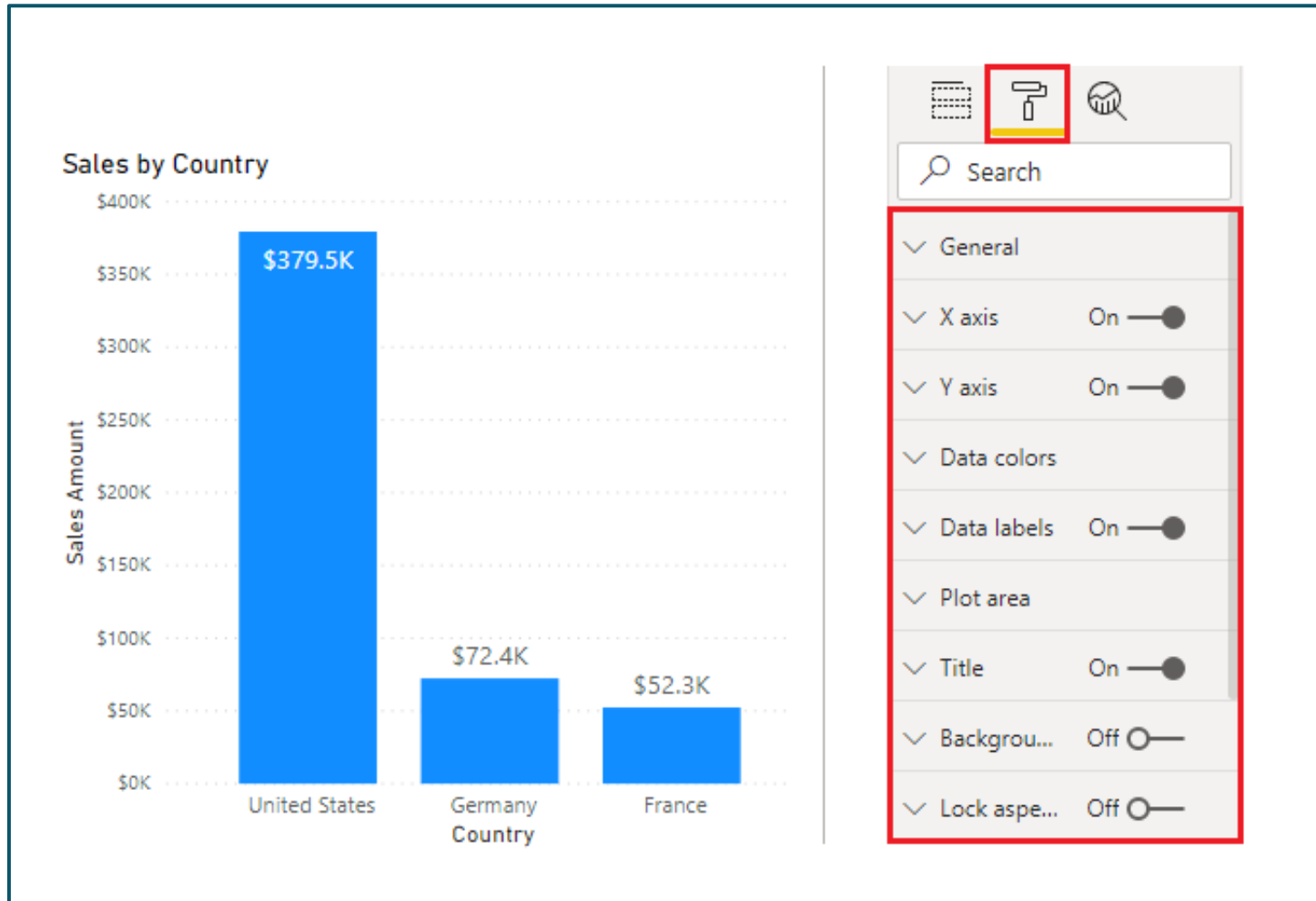


# Importer un Custom Visual

Utilisez des visuels adaptés à vos besoins

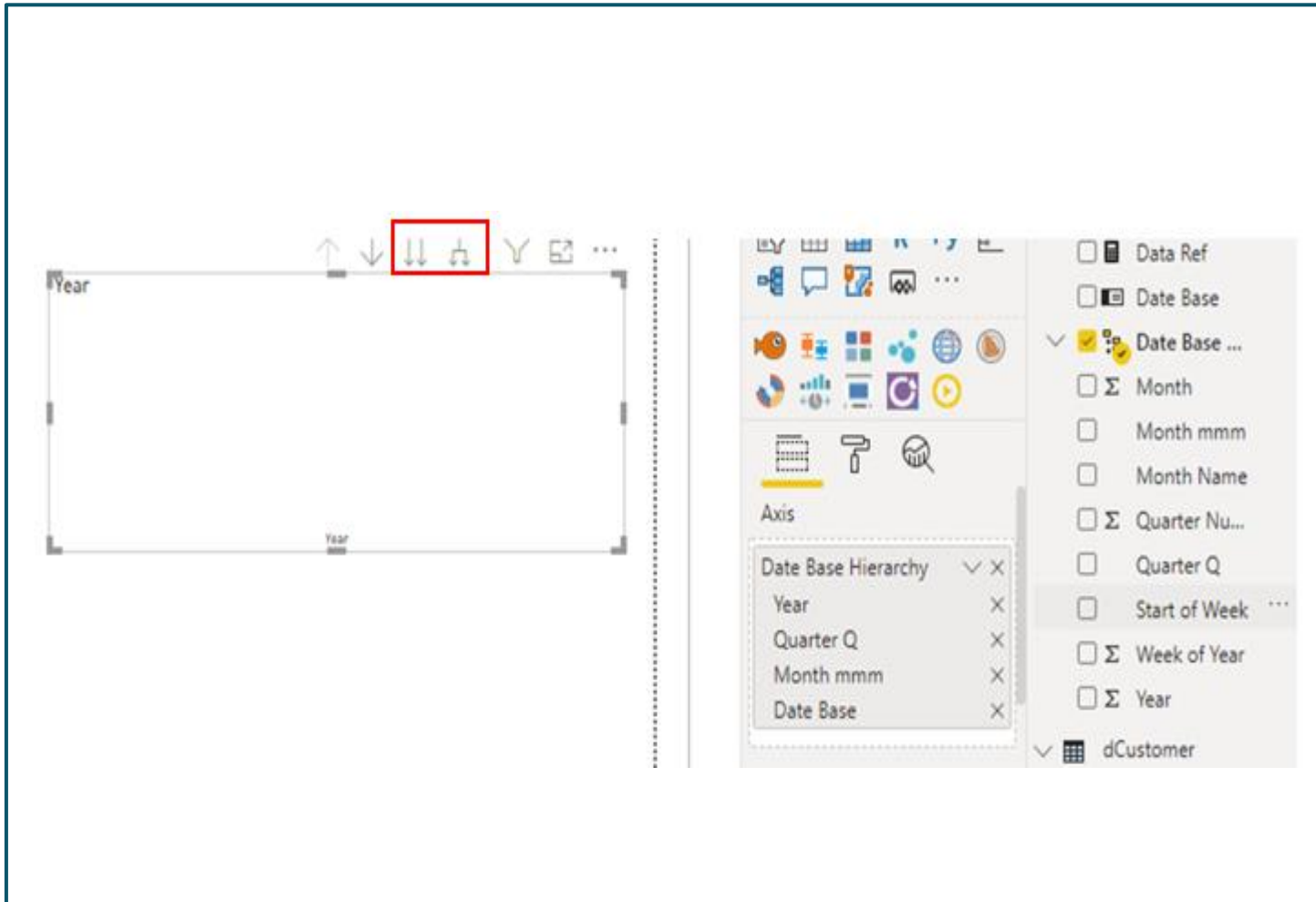


# Formater et configurer les visualisations



- Contrôlez l'apparence de chaque visuel.
- Les options de format varient en fonction du type de visuel sélectionné.

# Basic Interactions



Utilisez les interactions pour modifier la manière dont les visuels se connectent entre eux.

Utilisez les hiérarchies pour explorer des contenus supplémentaires pertinents.

# Configurer le formatage conditionnel

The screenshot displays a Power BI report with a table of sales data. The table has two columns: 'Region' and 'Sales'. The 'Sales' column is formatted with a color scale, where higher values are represented by darker blue and lower values by lighter blue. The 'Total' row is highlighted in a darker blue.

Region	Sales
Southwest	\$18,001,116
Canada	\$13,875,633
Northwest	\$12,004,822
Southeast	\$7,638,607
Central	\$7,633,387
Northeast	\$6,715,354
France	\$4,527,840
United Kingdom	\$3,883,043
Germany	\$1,877,743
Australia	\$1,391,025
<b>Total</b>	<b>\$77,548,570</b>

The 'Conditional formatting' pane on the right shows the 'Background color' option selected for the 'Sales' field. The 'Background color - Sales' dialog box is open, showing the following settings:

- Format by:** Color scale
- Apply to:** Values only
- Based on field:** Sum of Sales
- Summarization:** Sum
- Default formatting:** As zero
- Minimum:** Lowest value
- Center:** Middle value
- Maximum:** Highest value
- Diverging:** Checked

The dialog box also includes a color bar at the bottom and buttons for 'Learn more', 'OK', and 'Cancel'.

# Concevoir la navigation dans les rapports



Déplacez les utilisateurs entre les pages. Utilisez des boutons, des signets ou du formatage conditionnel.

# Review Questions

- Q01 – Quel est l'avantage d'utiliser une infobulle dans un rapport ?
- Q02 – Devez-vous importer des visuels personnalisés chaque fois que vous souhaitez les utiliser lors du développement d'un nouveau rapport ?

# Lesson 2: Améliorer un rapport





# Introduction to Report Enhancement

- Les organisations s'appuient sur les informations des rapports pour prendre des décisions.
- Les rapports influencent le comportement et les actions des organisations.

# Apply Slicing, Filtering, and Sorting

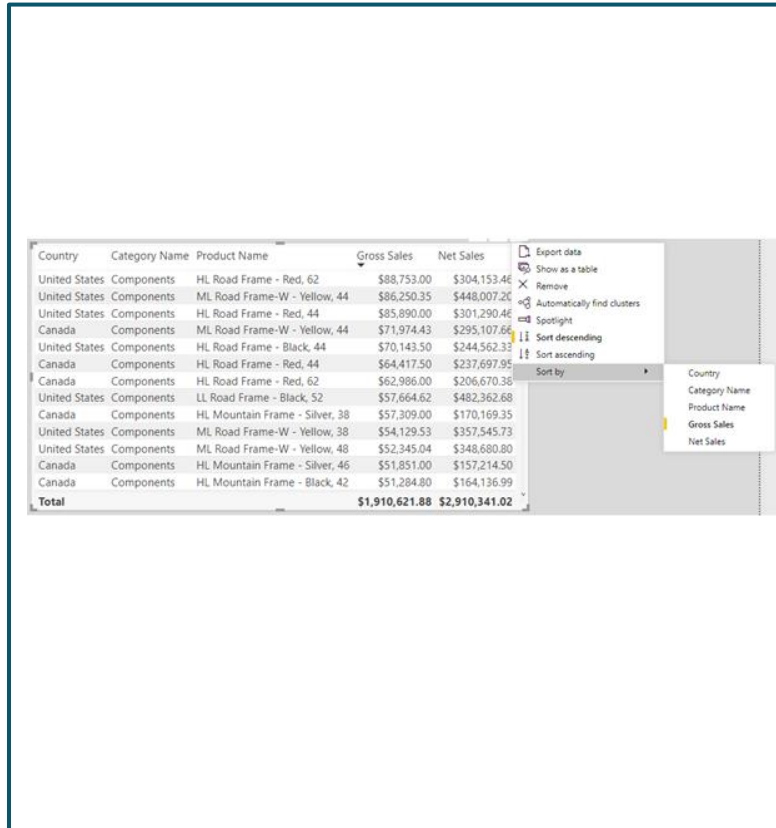
## Specifies



Visualizations

Filters

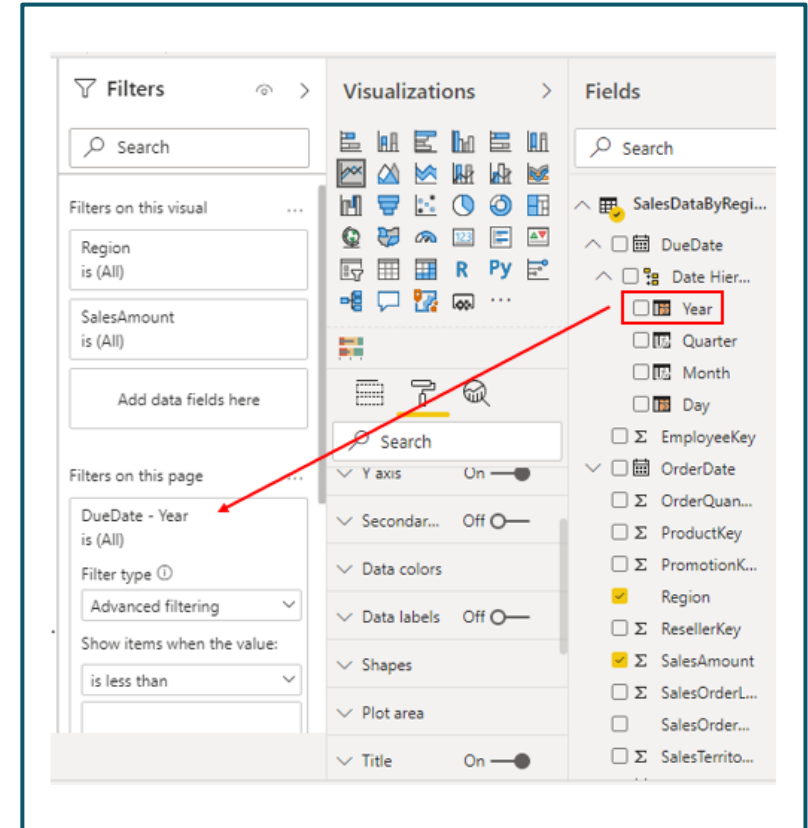
Country	Category Name	Product Name	Gross Sales	Net Sales
United States	Components	HL Road Frame - Red, 62	\$86,753.00	\$304,153.46
United States	Components	ML Road Frame - W - Yellow, 44	\$86,250.35	\$448,007.20
United States	Components	LL Road Frame - Black, 52	\$57,664.62	\$482,362.68
United States	Components	ML Road Frame - W - Yellow, 38	\$54,129.53	\$357,545.73
United States	Components	ML Road Frame - W - Yellow, 48	\$52,345.04	\$348,680.80
Canada	Components	ML Road Frame - W - Yellow, 48	\$44,017.42	\$256,278.10
Canada	Components	ML Road Frame - W - Yellow, 38	\$43,422.59	\$255,683.27
Canada	Components	LL Road Frame - Black, 52	\$37,431.42	\$308,463.17
United States	Components	LL Road Frame - Red, 60	\$37,094.20	\$278,484.66
United States	Components	LL Road Frame - Red, 44	\$36,082.54	\$278,662.07
United States	Components	LL Road Frame - Black, 58	\$32,710.34	\$328,946.58
Canada	Components	LL Road Frame - Black, 58	\$32,035.90	\$267,869.53
Canada	Components	LL Road Frame - Red, 44	\$28,326.48	\$200,708.54
Total			\$729,936.88	\$1,489,832.44



Visualizations

Filters

Country	Category Name	Product Name	Gross Sales	Net Sales
United States	Components	HL Road Frame - Red, 62	\$88,753.00	\$304,153.46
United States	Components	ML Road Frame - W - Yellow, 44	\$86,250.35	\$448,007.20
United States	Components	HL Road Frame - Red, 44	\$85,890.00	\$301,290.46
Canada	Components	ML Road Frame - W - Yellow, 44	\$71,974.43	\$295,107.66
United States	Components	HL Road Frame - Black, 44	\$70,143.50	\$244,562.32
Canada	Components	HL Road Frame - Red, 44	\$64,417.50	\$237,697.95
Canada	Components	HL Road Frame - Red, 62	\$62,986.00	\$206,670.36
United States	Components	LL Road Frame - Black, 52	\$57,664.62	\$482,362.68
Canada	Components	HL Mountain Frame - Silver, 38	\$57,309.00	\$170,169.35
United States	Components	ML Road Frame - W - Yellow, 38	\$54,129.53	\$357,545.73
United States	Components	ML Road Frame - W - Yellow, 48	\$52,345.04	\$348,680.80
Canada	Components	HL Mountain Frame - Silver, 46	\$51,851.00	\$157,214.50
Canada	Components	HL Mountain Frame - Black, 42	\$51,284.80	\$164,136.99
Total			\$1,910,621.88	\$2,910,341.02



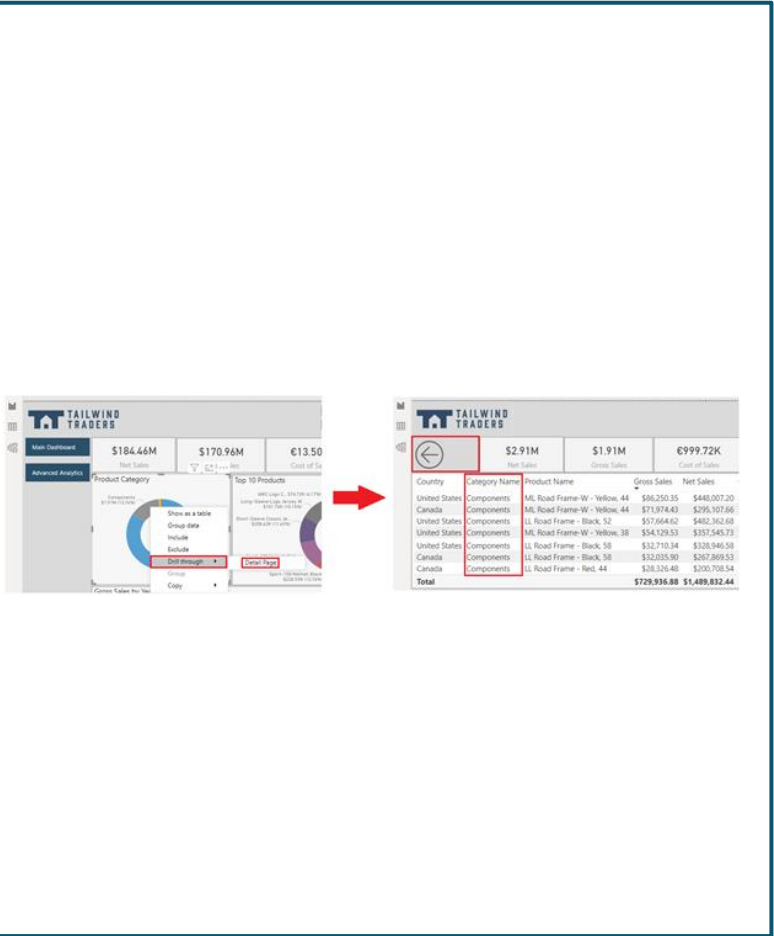
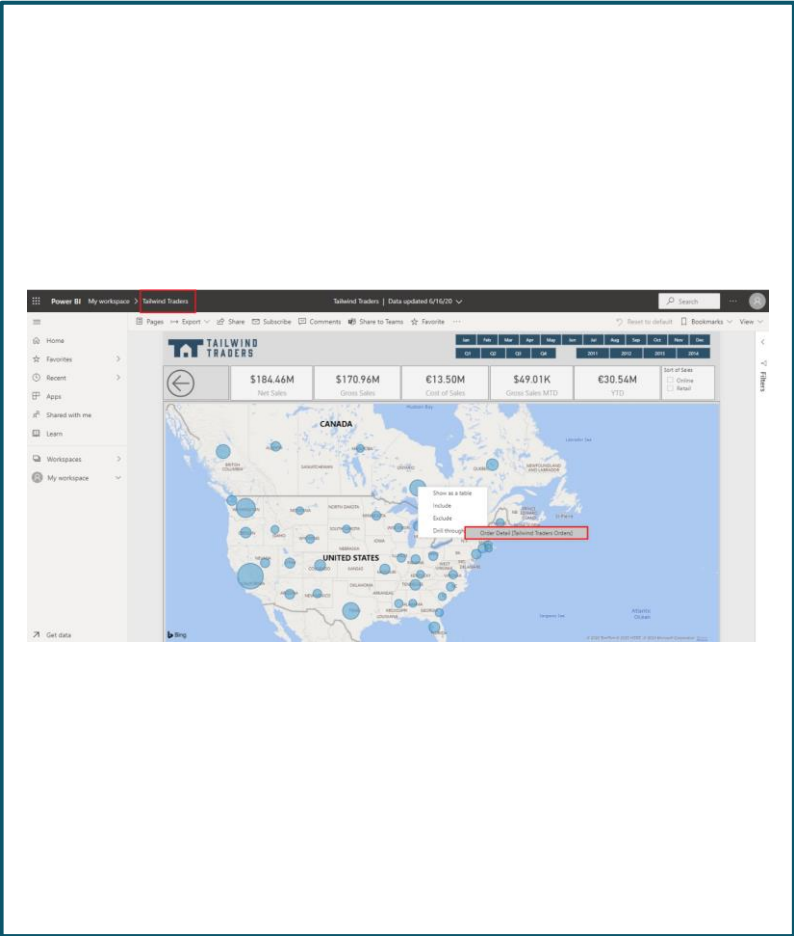
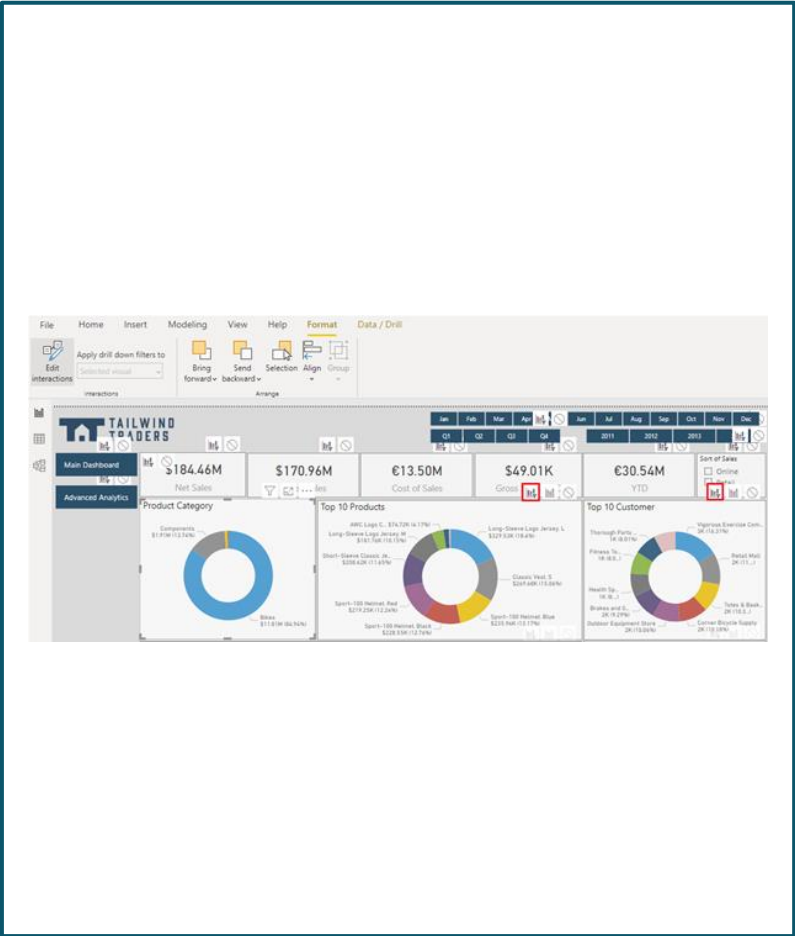
Visualizations

Filters

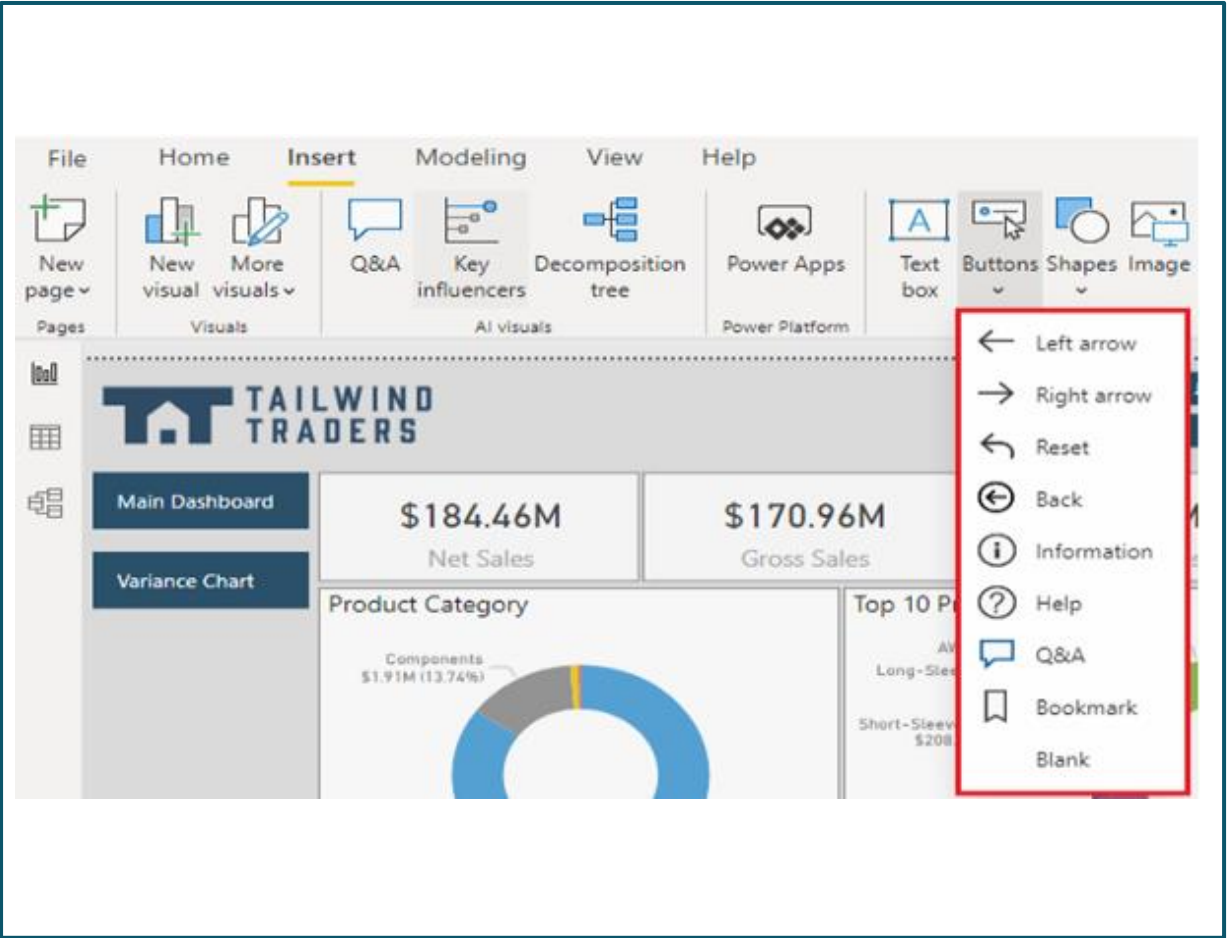
Fields

Country	Category Name	Product Name	Gross Sales	Net Sales
United States	Components	HL Road Frame - Red, 62	\$88,753.00	\$304,153.46
United States	Components	ML Road Frame - W - Yellow, 44	\$86,250.35	\$448,007.20
United States	Components	HL Road Frame - Red, 44	\$85,890.00	\$301,290.46
Canada	Components	ML Road Frame - W - Yellow, 44	\$71,974.43	\$295,107.66
United States	Components	HL Road Frame - Black, 44	\$70,143.50	\$244,562.32
Canada	Components	HL Road Frame - Red, 44	\$64,417.50	\$237,697.95
Canada	Components	HL Road Frame - Red, 62	\$62,986.00	\$206,670.36
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Canada	Components	HL Mountain Frame - Silver, 38	\$57,309.00	\$170,169.35
United States	Components	ML Road Frame - W - Yellow, 38	\$54,129.53	\$357,545.73
United States	Components	ML Road Frame - W - Yellow, 48	\$52,345.04	\$348,680.80
Canada	Components	HL Mountain Frame - Silver, 46	\$51,851.00	\$157,214.50
Canada	Components	HL Mountain Frame - Black, 42	\$51,284.80	\$164,136.99
Total			\$1,910,621.88	\$2,910,341.02

# Advanced Interactions and Drill-Throughs

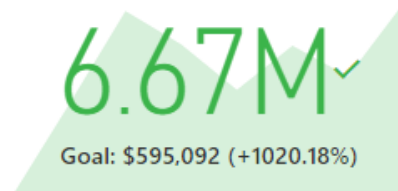


# Adding Buttons, Bookmarks, and Selections

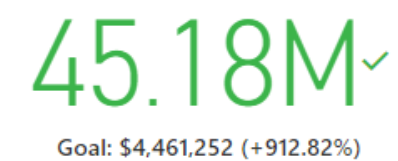


# Key Performance Indicators

TotalSales and Goal by Month



TotalSales and Goal by FiscalYear



TotalUnits and Last Year Sales ...



Une excellente ressource pour suivre les progrès vers un objectif spécifique dans le temps.

Idéal lorsqu'il est utilisé en série (par exemple, quotidien, mensuel, etc.).

---

# Publish and Export Reports

The screenshot shows a Power BI report titled 'Tailwind Traders' with data updated on 6/16/20. The report includes several visualizations: a donut chart for 'Product Category', a donut chart for 'Top 10 Products', a donut chart for 'Top 10 Customer', a bar chart for 'Gross Sales by Year by Month', and a bar chart for 'Net Sales by Country'. The report is displayed in a 'My workspace' view.

The screenshot shows the Power BI ribbon with the 'Home' tab selected. The 'Share' group on the right contains the 'Publish' button, which is highlighted with a red box. A red arrow points from the 'Publish' button to the report screenshot on the left.

# Review Questions

- Q01 – Quel filtre n'est pas disponible dans les rapports Power BI ?
- Q02 – Comment pouvez-vous analyser la performance de chacun des éléments de votre rapport ?
- Q03 – Pouvez-vous utiliser les signets pour créer une présentation de type diaporama dans Power BI ?

# References

PL-300 Work with Power BI visuals

<https://docs.microsoft.com/en-us/learn/modules/visuals-power-bi/>

PL-300 Create a data-drive story with Power BI

<https://docs.microsoft.com/en-us/learn/modules/data-driven-story-power-bi/>

