

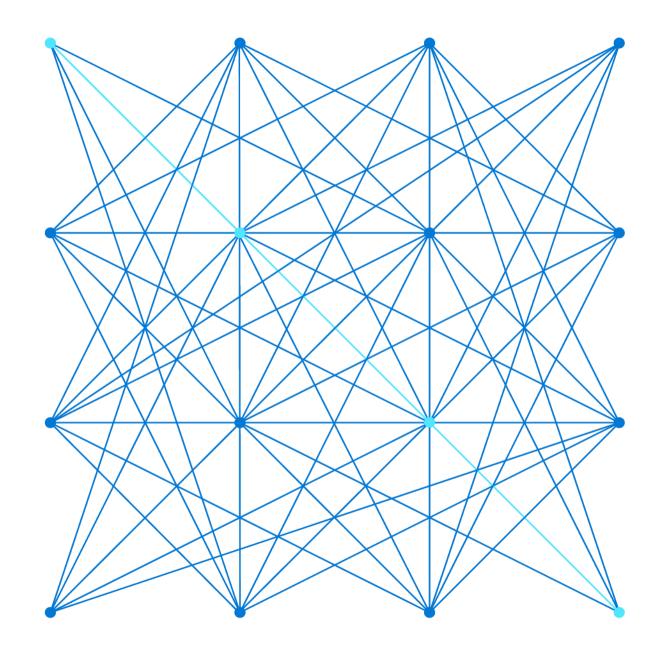
Online Role-based training resources:

Microsoft Learn

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

DA-100 Analyzing Data with Power BI

<Name>, <Title>



Module 7: Create Reports



Learning Objectives

You will learn the following concepts:

- Design a Report
- Enhance a Report



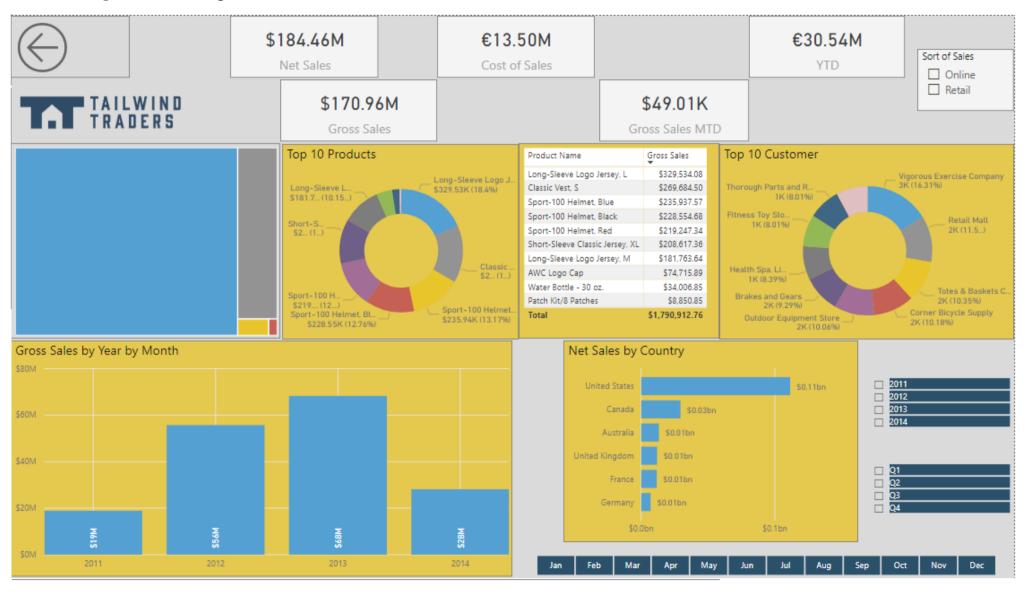


Introduction

- Visuals allow you to share data insights more effectively.
 Effective visualizations help your users connect and interact with the information.

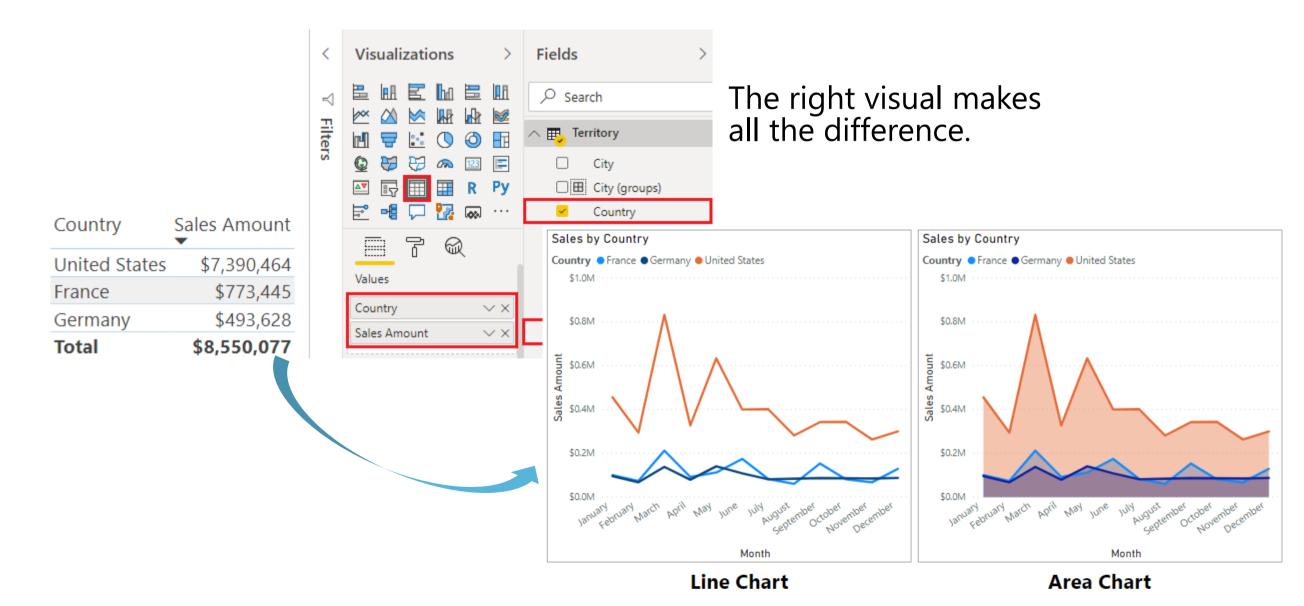


Design a Report Layout



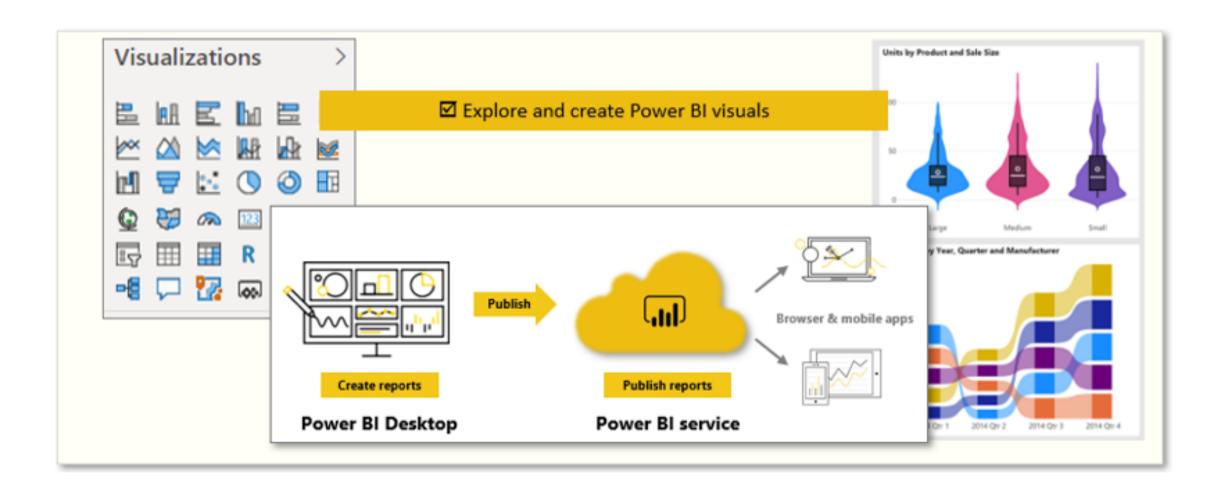


Choosing Effective Visualizations



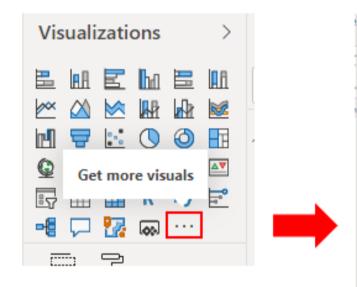


Adding Visualizations to Reports

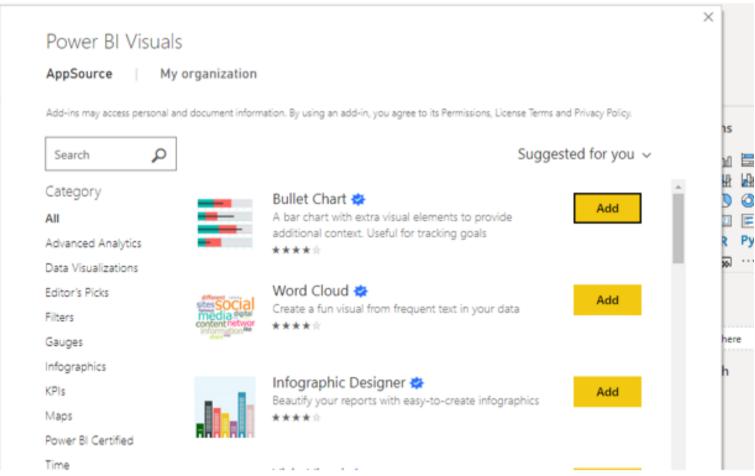




Import a Custom Visual



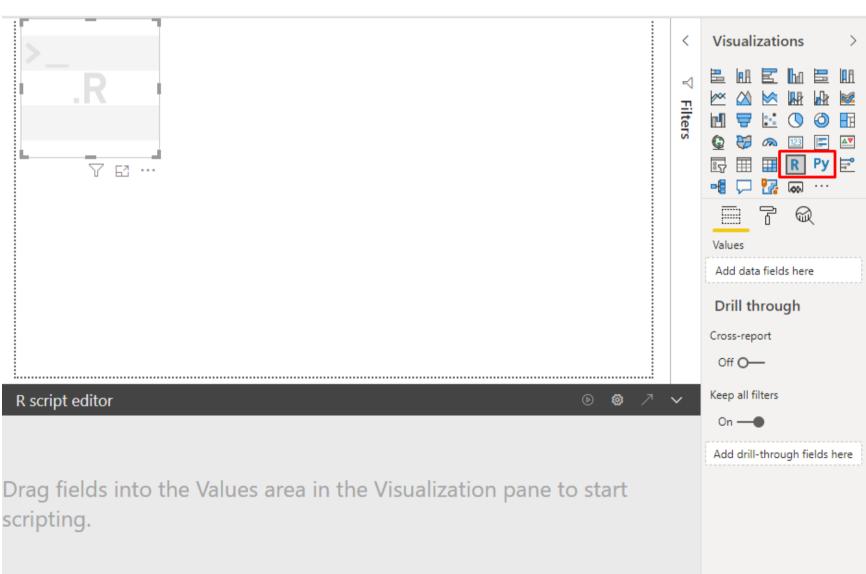
Use visuals tailored for your needs.





Add an R or Python Visual

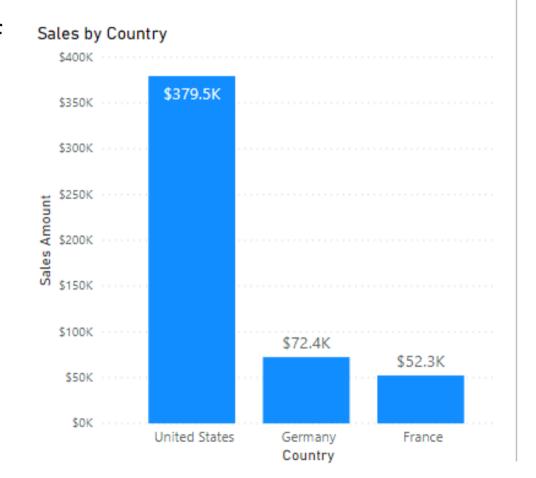
- Create advanced analytics and visualizations using R scripts.
- Use Python to visualize your data.

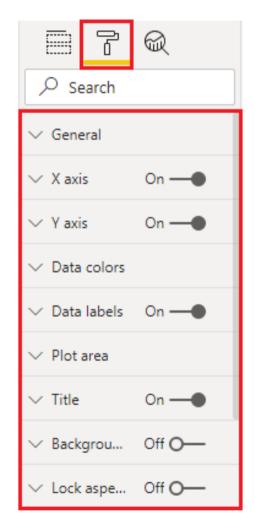




Format and Configure Visualizations

- Control the look and feel of each visual.
- Format options differ depending on the type of visual selected.

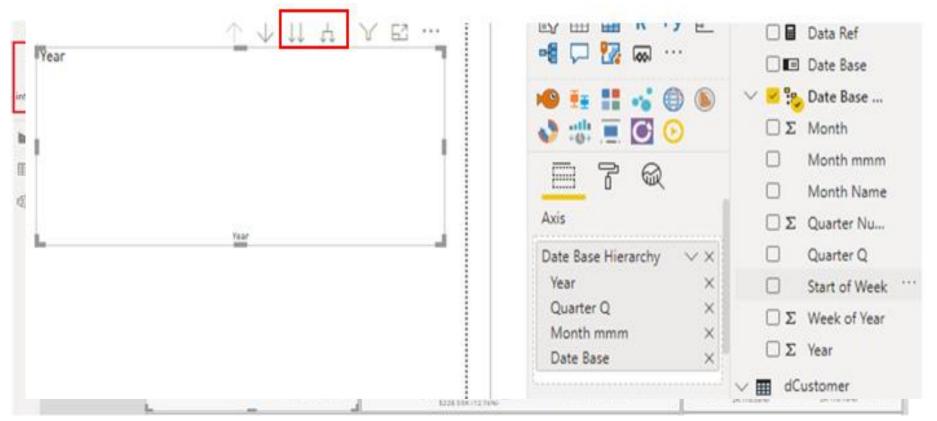






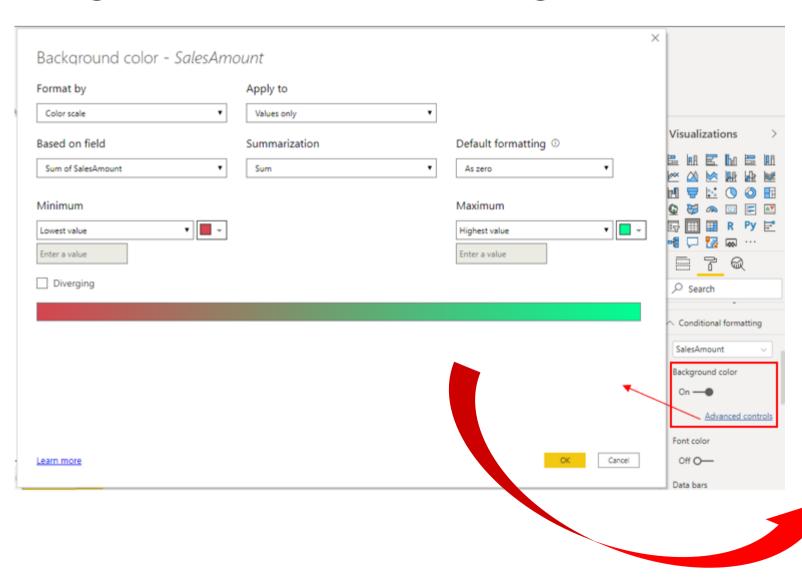
Basic Interactions

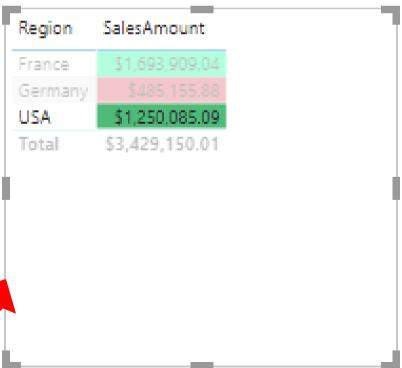
- Use interactions to change how visuals impact each other.
 Use hierarchies to
- Use hierarchies to drill down for additional relevant content.





Configure Conditional Formatting

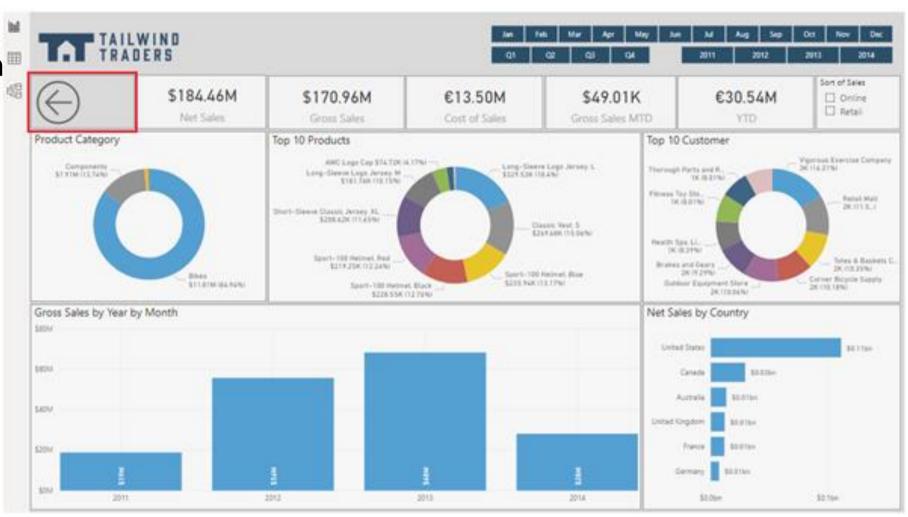






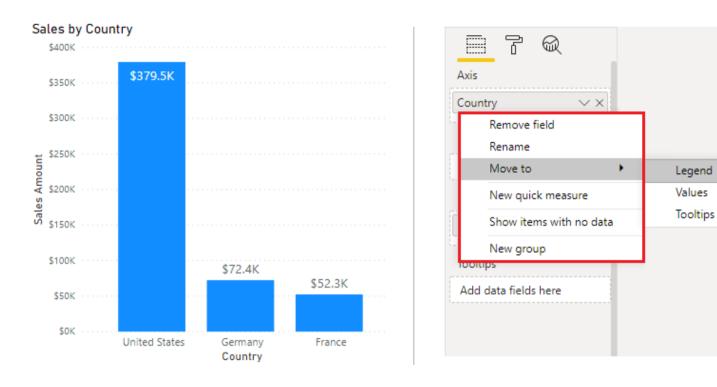
Design Report Navigation

- Move users between pages.
- Use buttons, bookmarks, or conditional formatting.

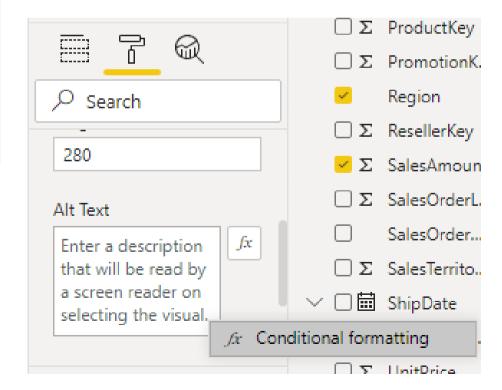




Design for Accessibility



Design a report that adheres to accessibility standards and makes use of accessibility features.





Review Questions

- Q01 What is the benefit of using a report tooltip?
- A01 To give users additional information about a report visual, such as the author and date/time it was created.
- Q02 Do you need to import custom visuals each time you want to use them when you are developing a new report?
- A02 Yes, custom visuals must be imported from AppSource each time you start developing a new report.



Lesson Review

- Visuals allow you to share data insights more effectively.
 Using effective visualizations help users connect and interact with the information.

Lab: Designing a Report in Power BI



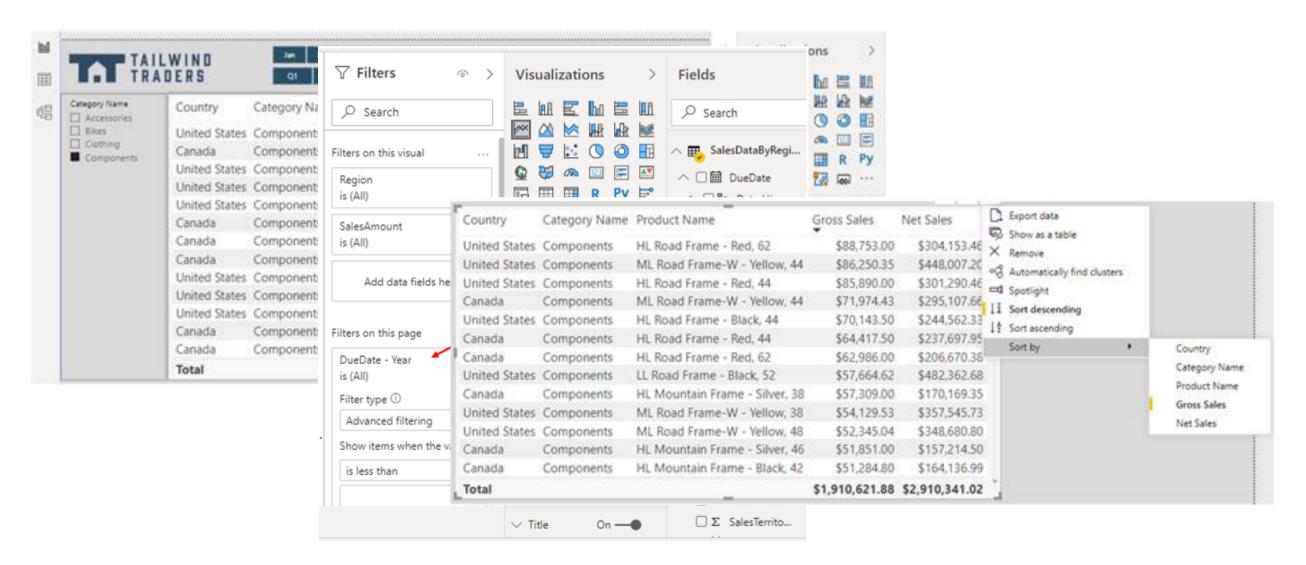


Introduction to Report Enhancement

- Organizations rely on report information when making decisions. Reports drive organizational behavior and action.

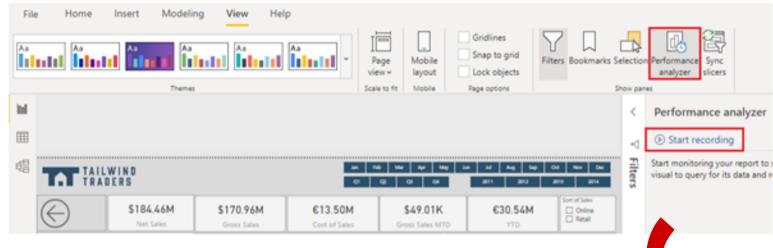


Apply Slicing, Filtering, and Sorting

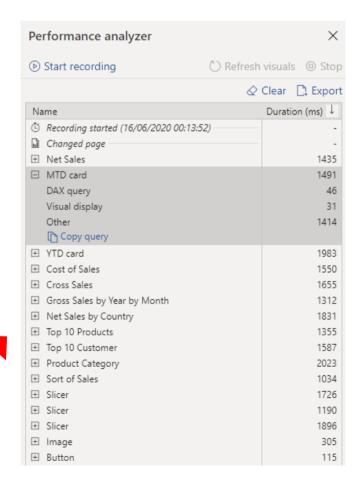




Performance Tuning Reports



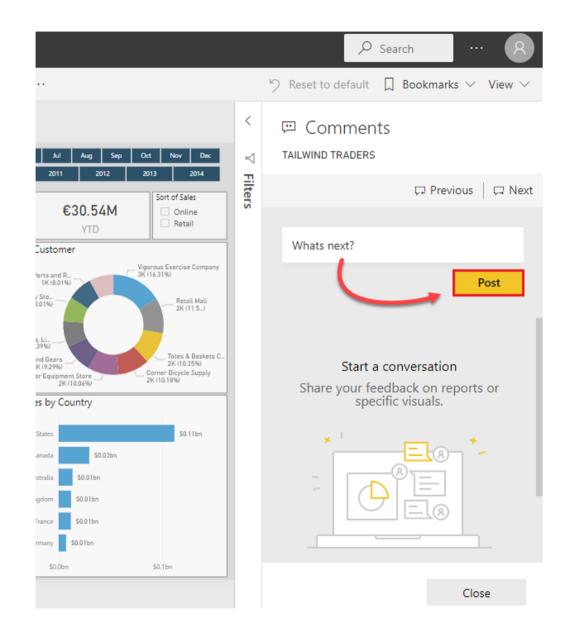
The performance of a report depends on how quickly data can load into the report page.





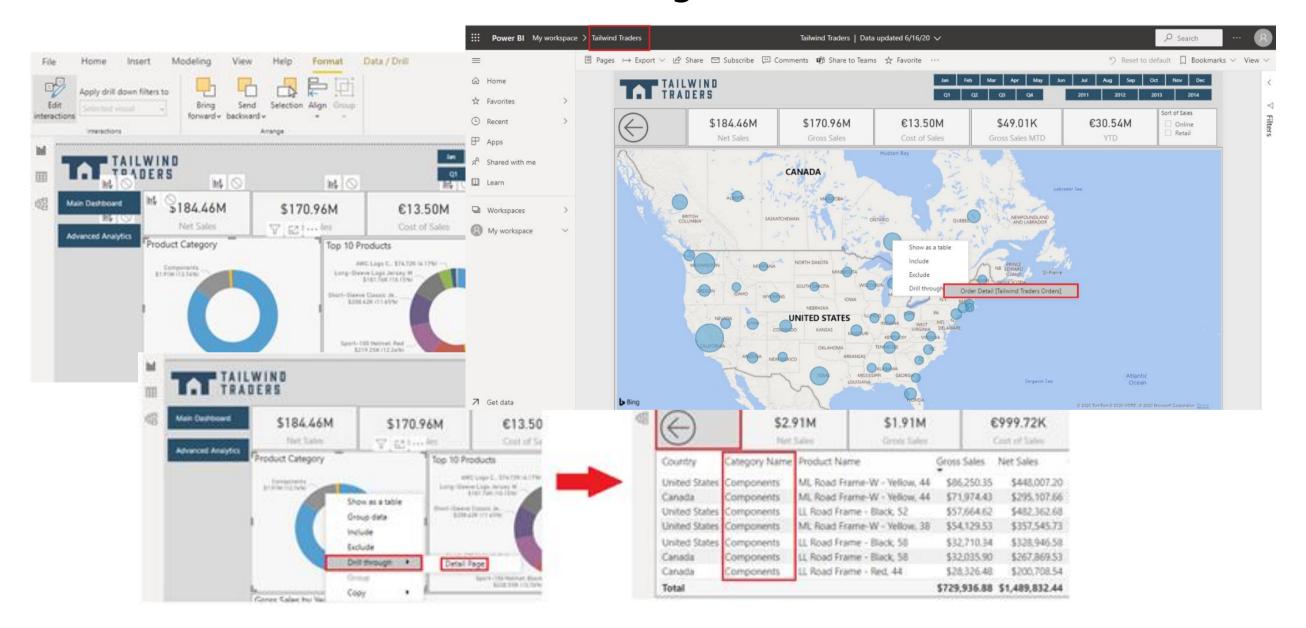
- Used for personal comments or for collaborating with a colleague.
- Available for paginated reports, dashboards, and visuals.
- Anyone with permissions can see comments.





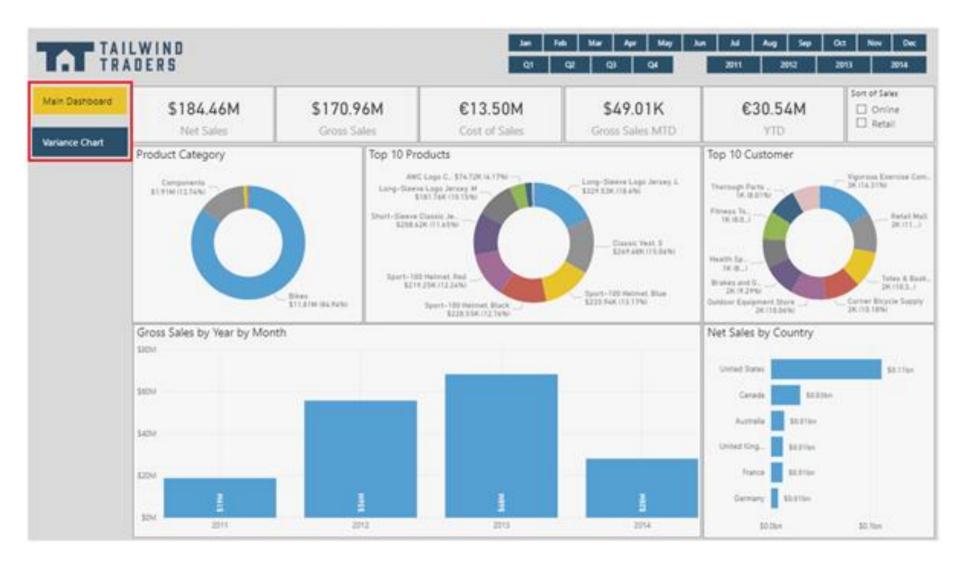


Advanced Interactions and Drill-Throughs





Adding Buttons, Bookmarks, and Selections





Key Performance Indicators

- An excellent source in helping track toward a specific goal over time.
- Best when used in a series (e.g., daily, monthly, etc.).

TotalSales and Goal by Month



TotalSales and Goal by FiscalYear

45.18M~

Goal: \$4,461,252 (+912.82%)

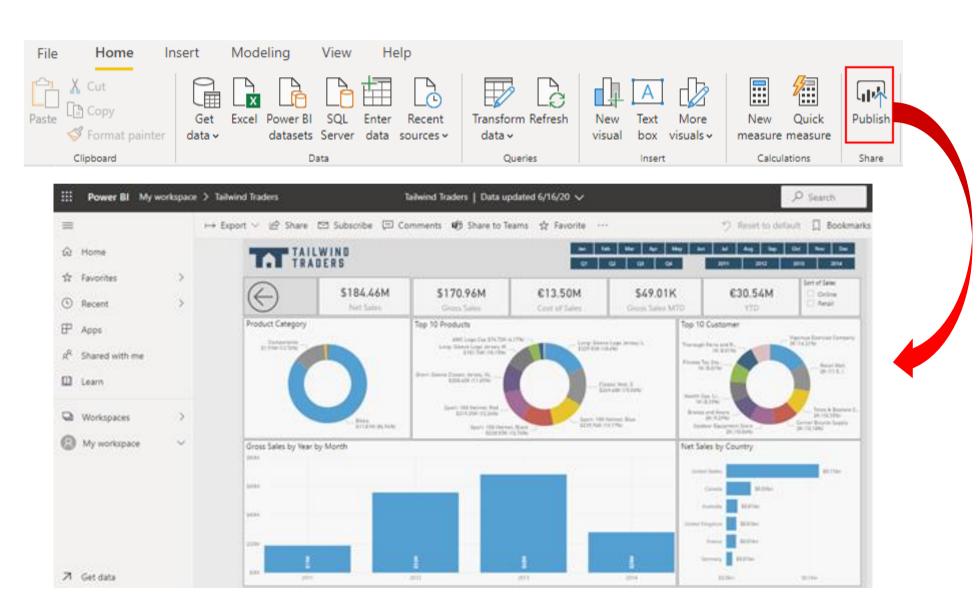
TotalUnits and Last Year Sales ...



Goal: \$3,482,163 (-69.05%)



Publish and Export Reports





Review Questions

- Q01 Which filter is not available in Power BI reports?
- A01 Page Type
- Q02 How can you analyze performance of each of your report elements?
- A02 By using performance analyzer.
- Q03 Can you use bookmarks to create a slide show in Power BI?
- A03 Yes, you can, by adding buttons as navigation to go between saved bookmarks.



Lesson Review

- Organizations rely on report information when making decisions.
 Reports drive organizational behavior and action.

Lab: Enhancing Power BI Reports with Interactions and Formatting



Module Overview

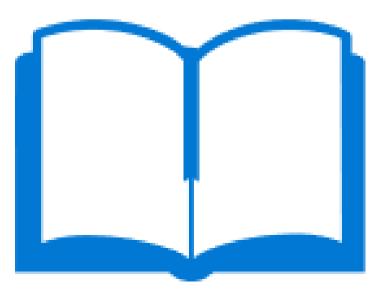
We covered the following concepts:

- Design a Report
- Enhance a Report



References

- DA-100 Work with Power BI visuals https://docs.microsoft.com/en-us/learn/modules/visuals-power-bi/
- DA-100 Create a data-drive story with Power BI https://docs.microsoft.com/en-us/learn/modules/data-driven-story-power-bi/



Azure Technical Trainer Role Based Training