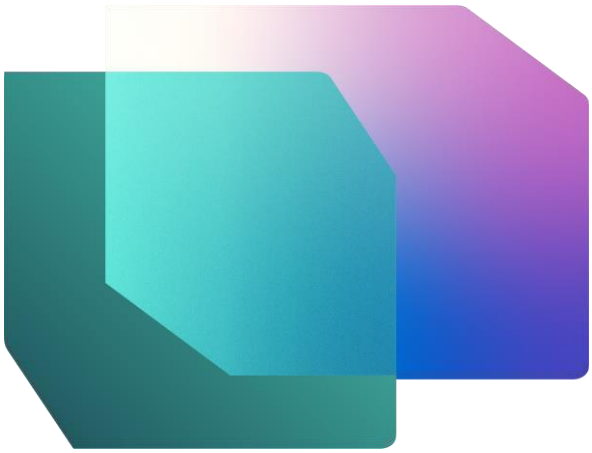
Microsoft Fabric

Chat with your Data in a Day

Lab #2

Version: September 2025



Contents

Document Structure

The lab includes steps for the user to follow along with associated screenshots that provide visual aid. In each screenshot, sections are highlighted with orange boxes to indicate the area(s) user should focus on.

Scenario / Problem Statement

You are a data analyst and have been tasked with building many reports. These reports will require many challenging DAX calculations and you're still learning the DAX language along with report building in Power BI. However, you recently discovered the built-in Copilot functionality in Power BI Desktop and you're eager to use it to accelerate the development process. Use Copilot in Power BI to build insightful and engaging reports!

Current Challenges

- You are new to Power BI and need require assistance with building engaging reports
- You struggle with writing complex DAX measures from scratch
- You have limited development time to complete the reports you have been asked to build.

Introduction

Copilot in Power BI is a built in virtual AI assistant designed to assist with building reports, writing DAX, and uncovering insights in your data. Copilot is seamlessly integrated into Power BI desktop and can significantly speed up development time and effort! In this lab, you will explore this built-in capability.

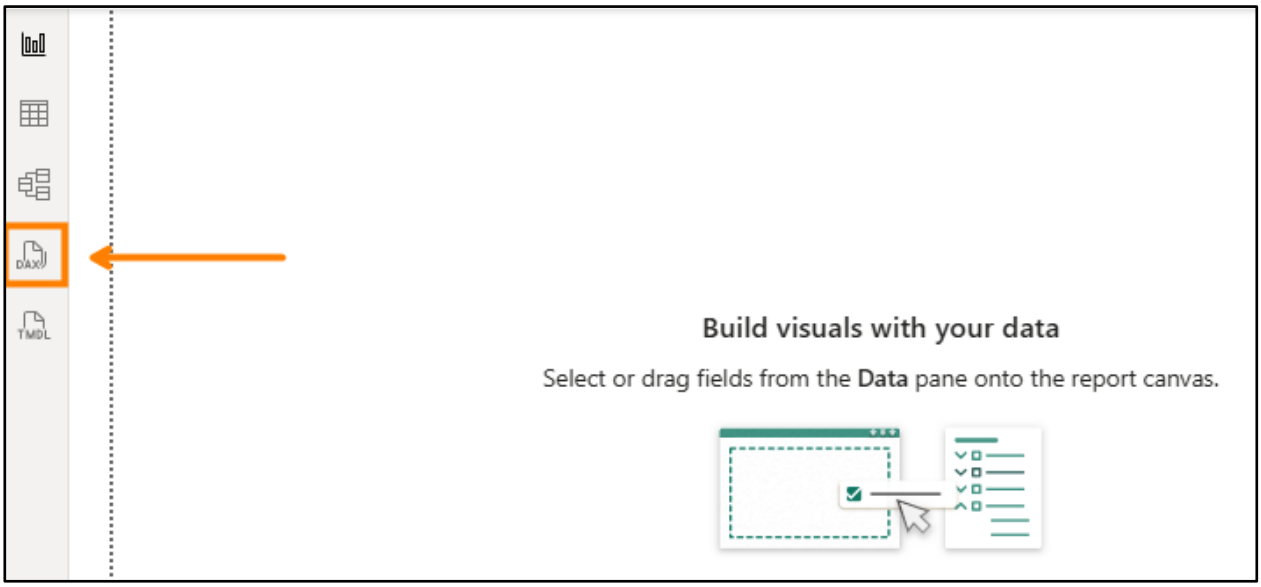
By the end of this lab, you will have learned how to use Copilot to:

- Create and understand DAX measures
- Build and customize report pages with AI assistance (bonus lab)
- Create starting points that you can then customize (bonus lab)

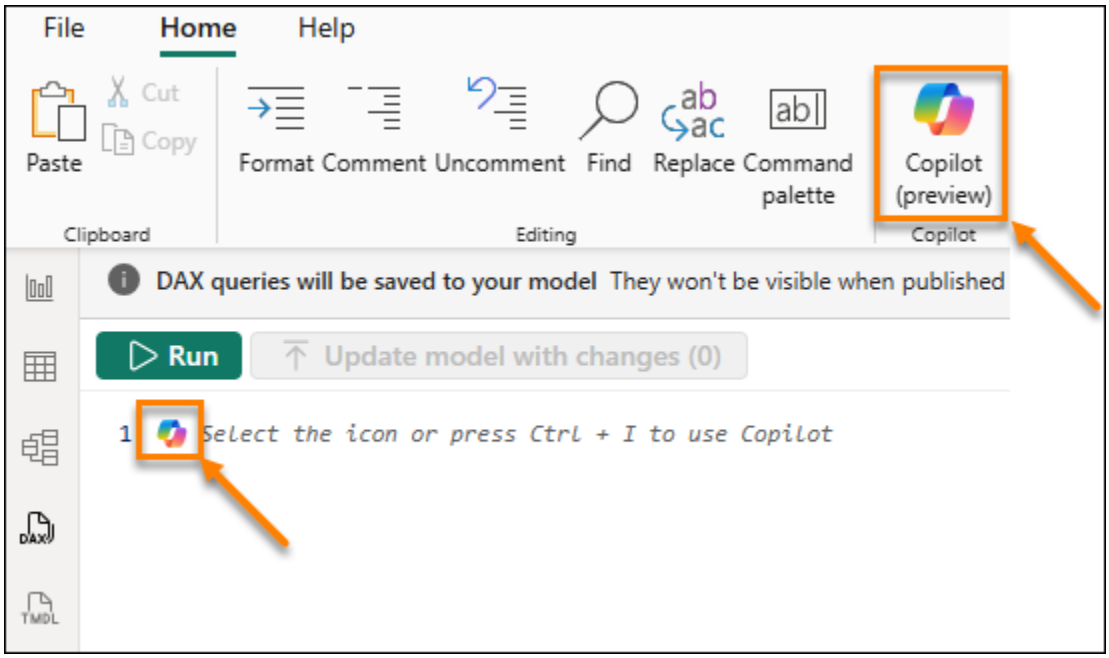
Creating Semantic Model Measures with Copilot

Task 1: Use the DAX Query View and the Copilot button

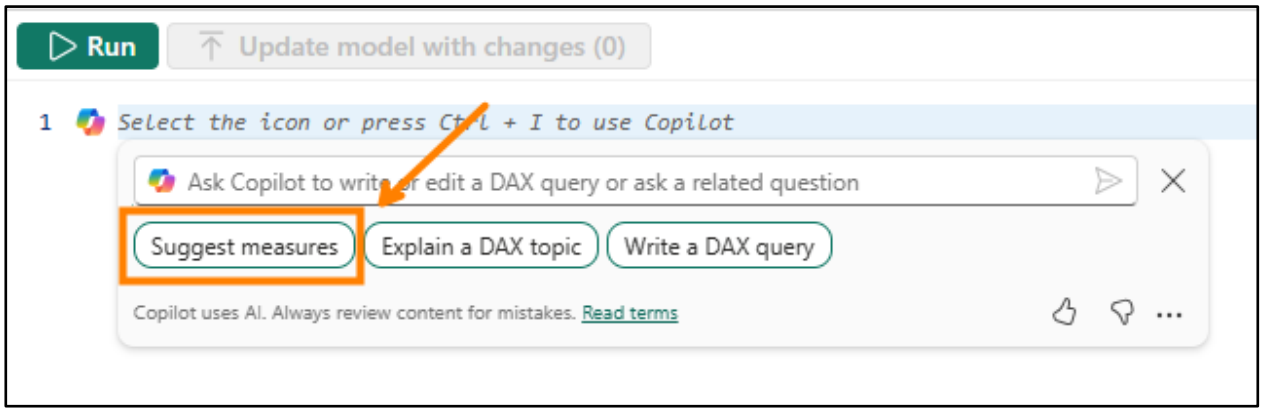
1. After opening the **CWYD_DAX** PBIX file, navigate to the **DAX Query view** on the left menu.



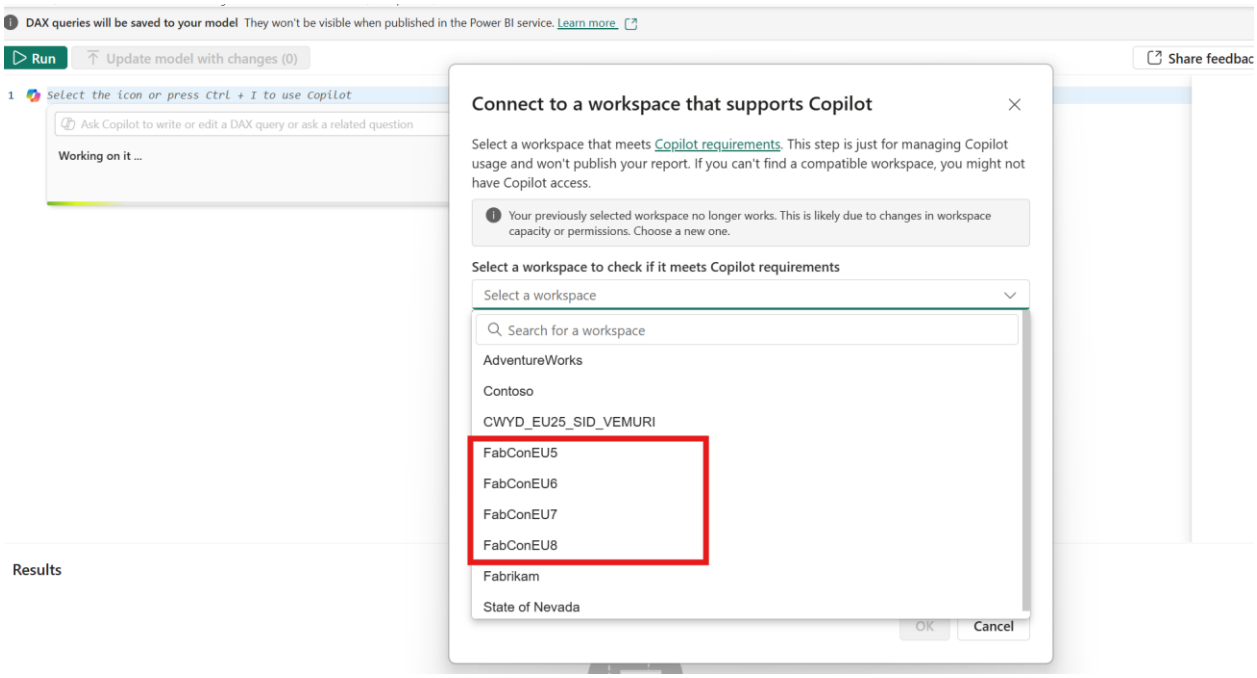
2. In the DAX Query Editor, **click the Copilot button**. You can select Copilot from the Home ribbon or from inside the Query, both options do the same thing!



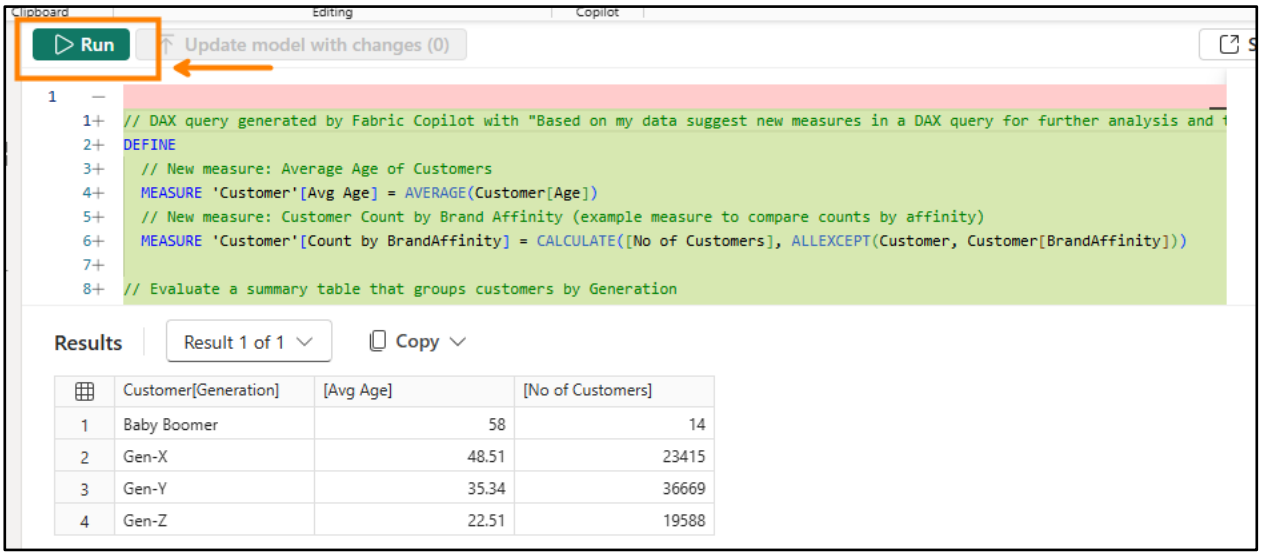
3. Click the **Suggest measures** option.



4. If asked to connect to a workspace that supports Copilot, please select randomly between FabConEU5, FabConEU6, FabConEU7, and FabConEU8



5. Notice how several measures are suggested, along with commentary explaining each one. Click on the **Run** button.

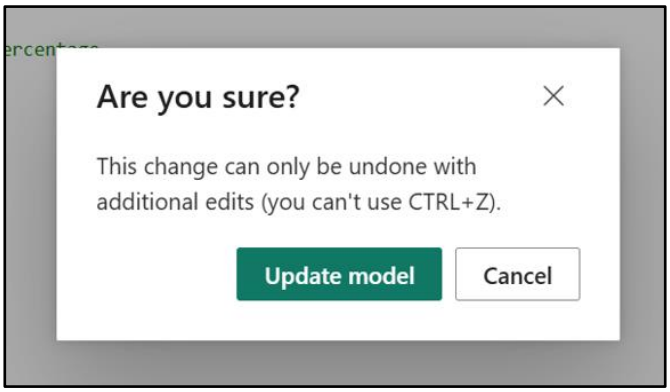


6. Scroll down to find and press the **Keep query** button.

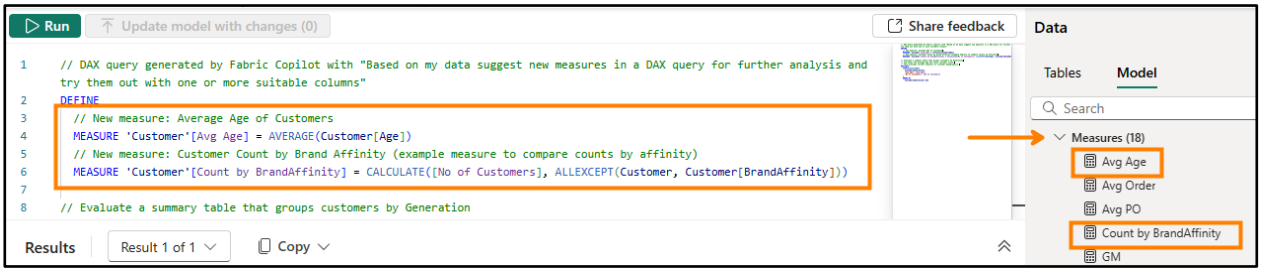
7. The **Keep query** button saves the query generated by Copilot into the current query tab that you have open. It is important to note that clicking on **keep query** does not add these measures to your model, it simply saves them here for later use.

8. If Copilot has generated a measure that you want to save in your data model, then you would click on **Update your model with changes.** This will take your query and commits it to the model, so the measures become part of the semantic model and they become available for use within your various report visuals. Select the **Update your model with changes** now.

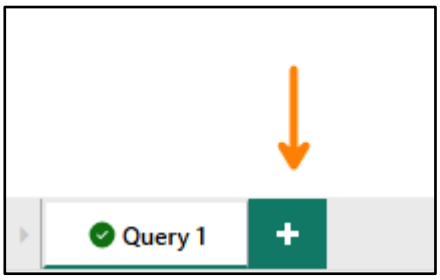
9. Confirm your decision in the next window.



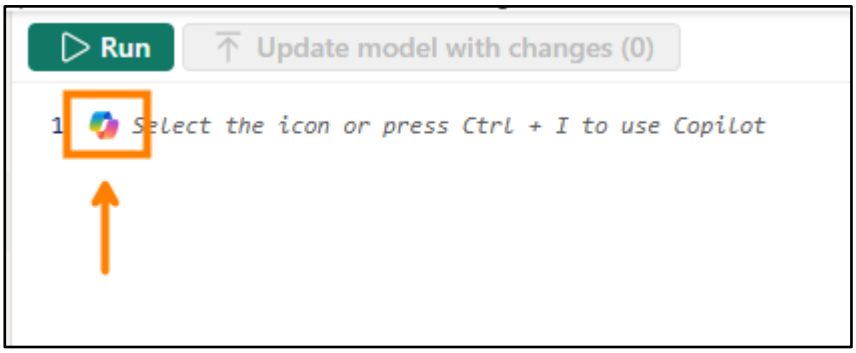
10. Look at the **Data pane** on the right side of your screen and find your measures. Notice the new measures are now present.



11. Create a new query by clicking the + button at the bottom left corner.

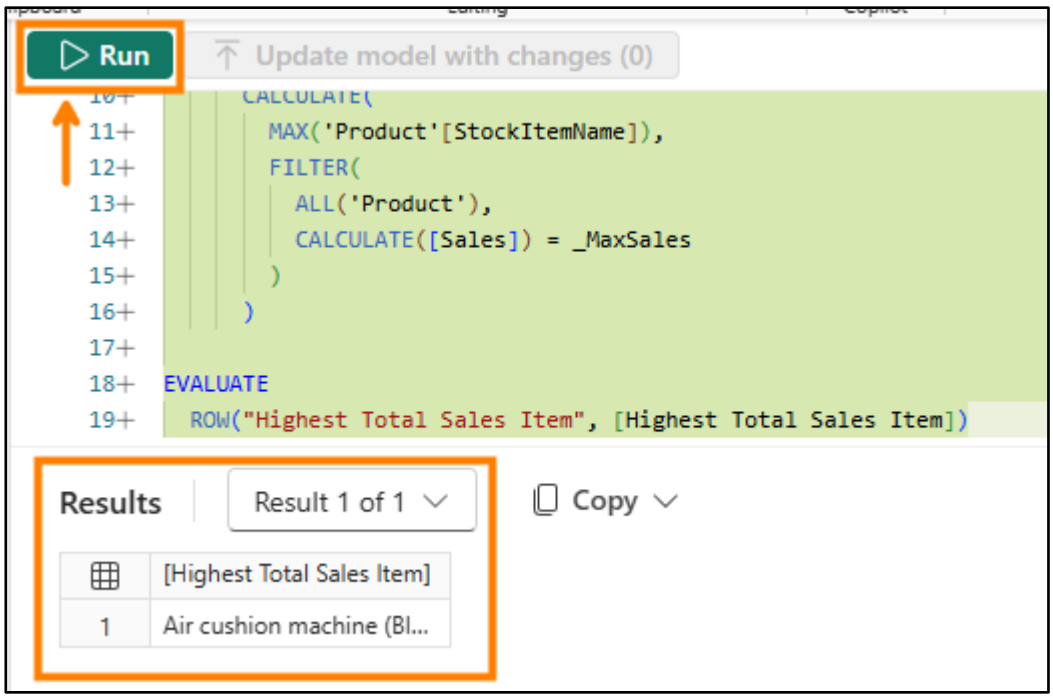


12. Click on the Copilot icon within the view.

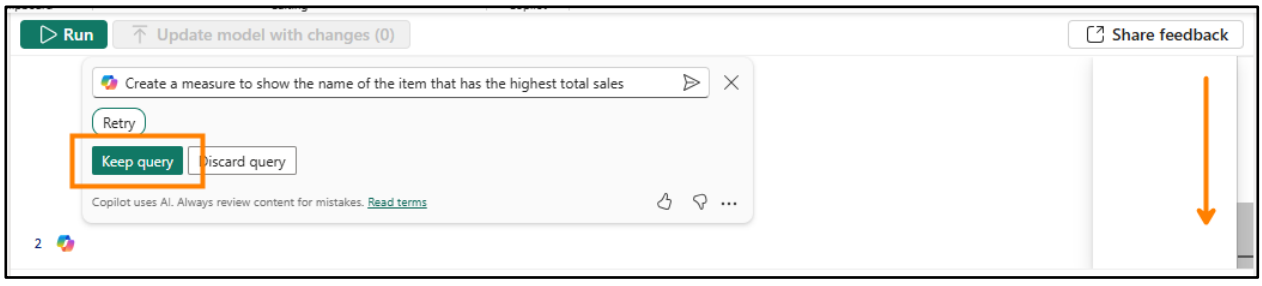


13. Type the following directions into the question box: **Create a measure to show the name of the item that has the highest total sales.** Click **Enter** or the arrow to the right of the question box.

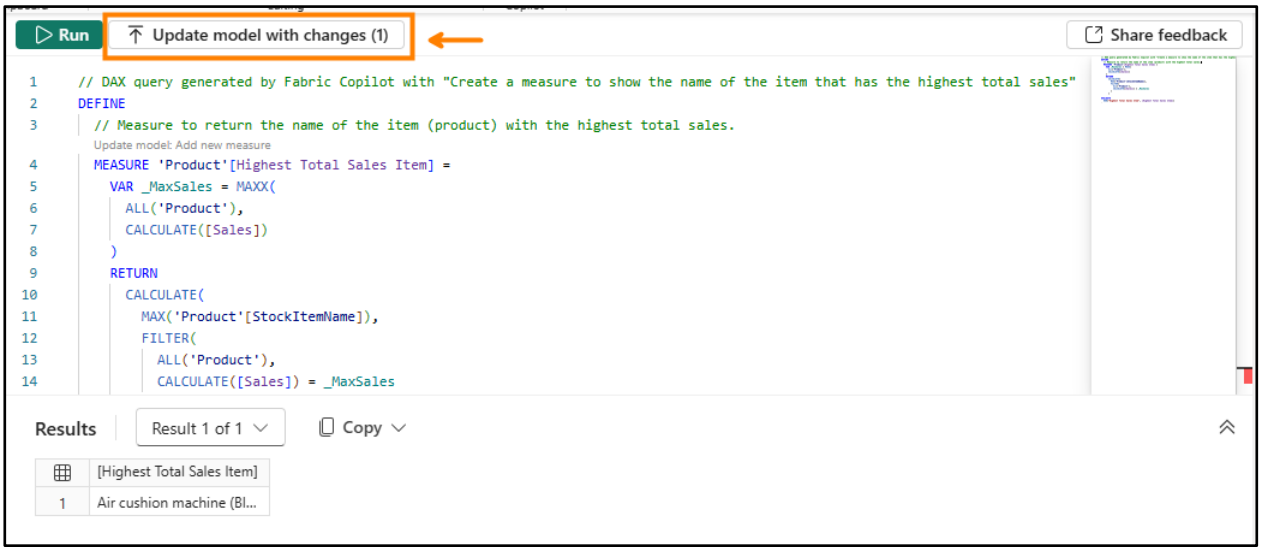
14. Click **Run** to view the results.



15. Scroll down to find and click **Keep query**.



16. Click **Update model with changes**.



17. Practice using Copilot to create other measures using the same process. Start by clicking the **+** sign at the bottom left of your screen to create each new query. Here are some suggested prompts:
    a. Create a measure to show the name of the item that has the highest total dollar sales
    b. Create a measure to show the name of the item that has had the most *units* total sold
    c. Create a measure to show total sales of the item that sold the most total units
    d. Create a measure to show total sales of the item that sold the highest sales
    e. Create a measure to show count of units sold of the item that sold the most units
    f. Create a measure to show the count of units sold of the item that had the highest sales
    g. Create a measure to show the unit price of the item with the most items sold
    h. Create a measure to show the unit price of the item with the highest items sold

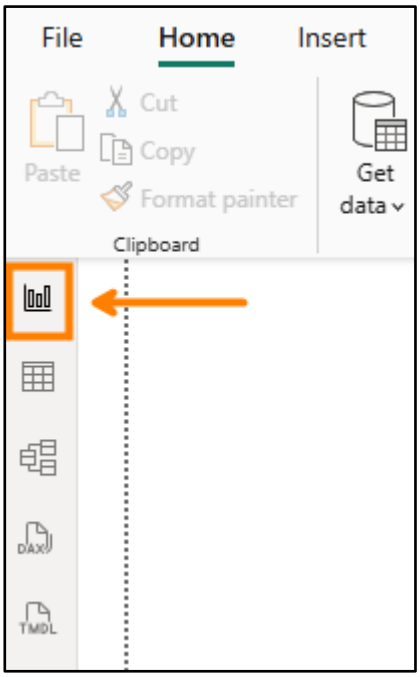
> **Important**
> It's important to run, test and thoroughly validate any queries that are generated with Copilot!

In this section, you discovered how to leverage Copilot in Power BI to create DAX measures. You can also use Copilot to better understand DAX by clicking the Copilot button and simply asking it to explain the DAX! Congratulations!

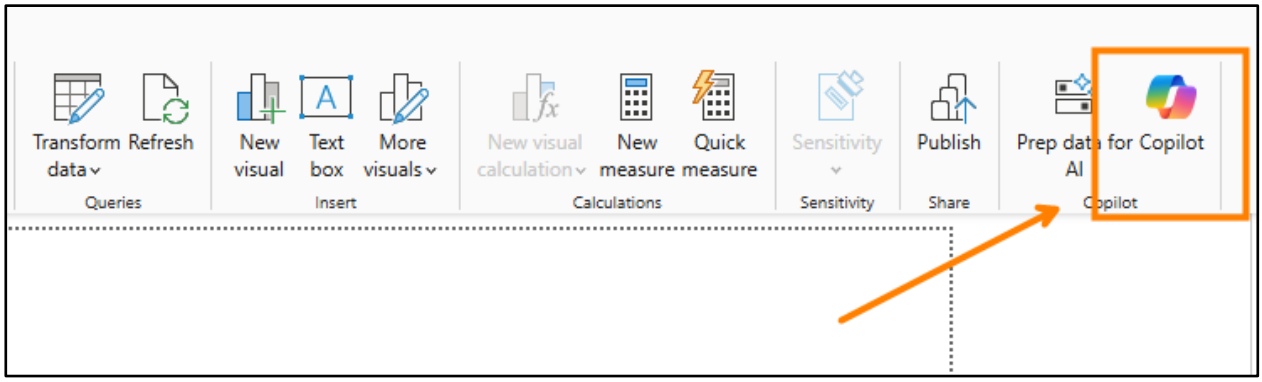
Bonus lab: Creating Reports with Copilot

Task 2: Create a new report page using Copilot

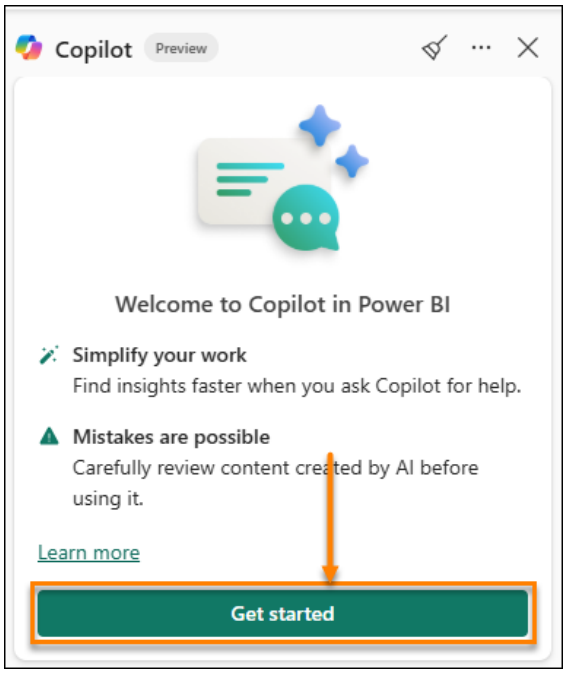
1. Navigate back to the report view by clicking the report view button on the left side menu.



2. From the **Home** ribbon, click the **Copilot** button.

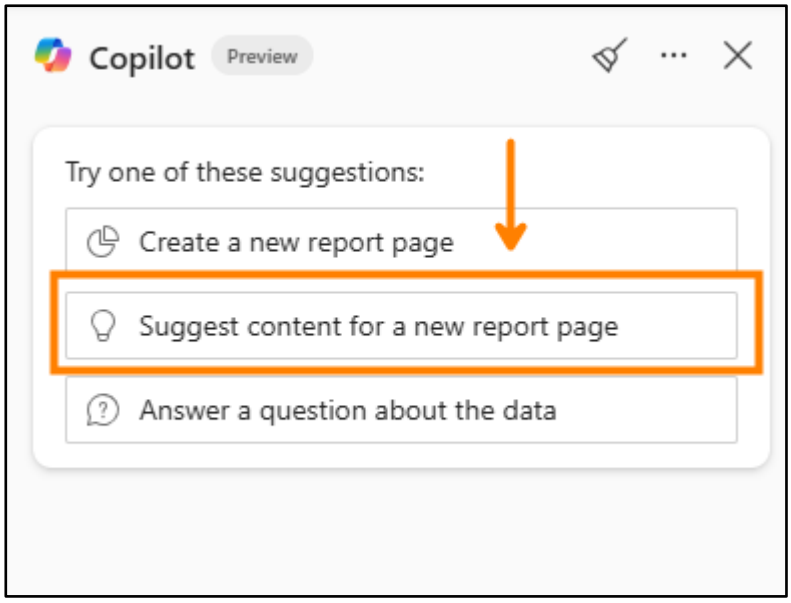


3. If you haven't worked with Copilot here before, you may be prompted to Get Started. If you are, just click **Get Started**.

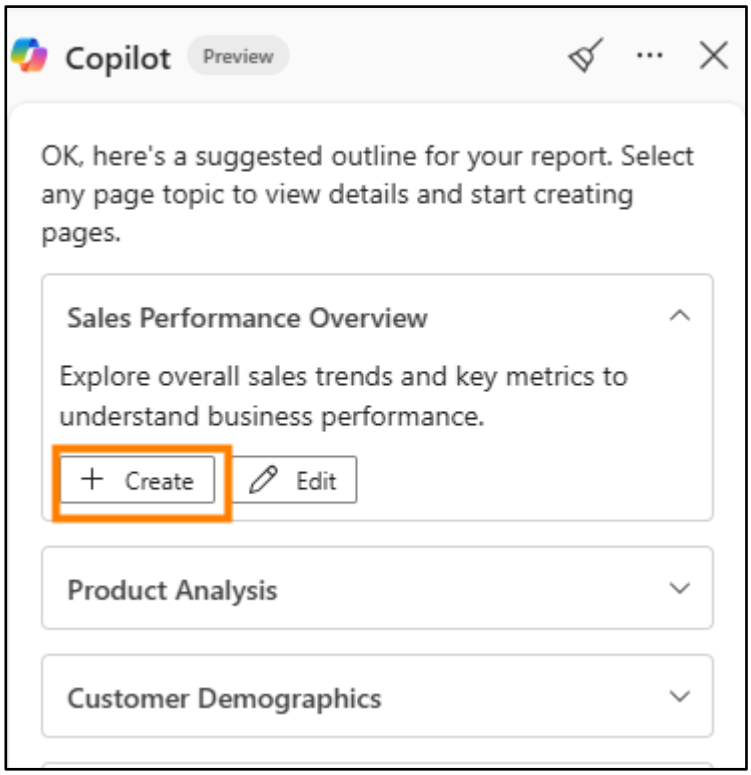


4. Copilot offers several suggestions. You can create a report page or have Copilot answer a question about the data.

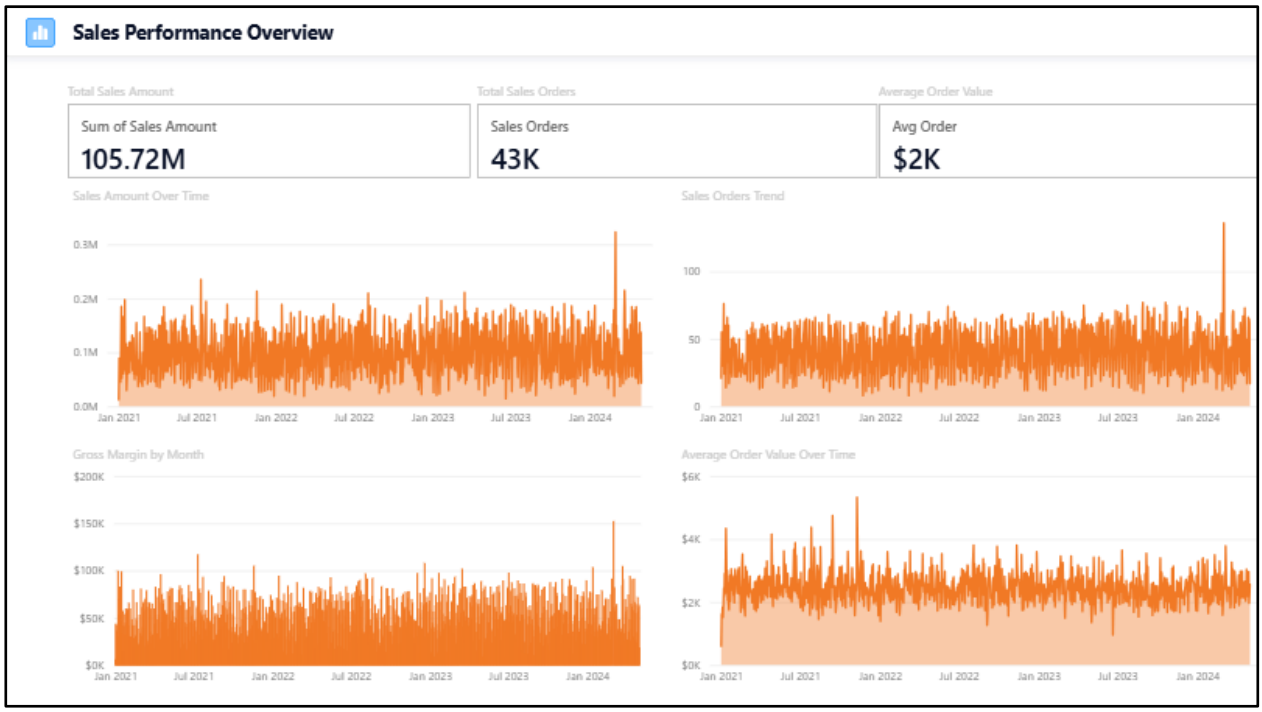
5. To start, choose the **Suggest content for a new report page** option.

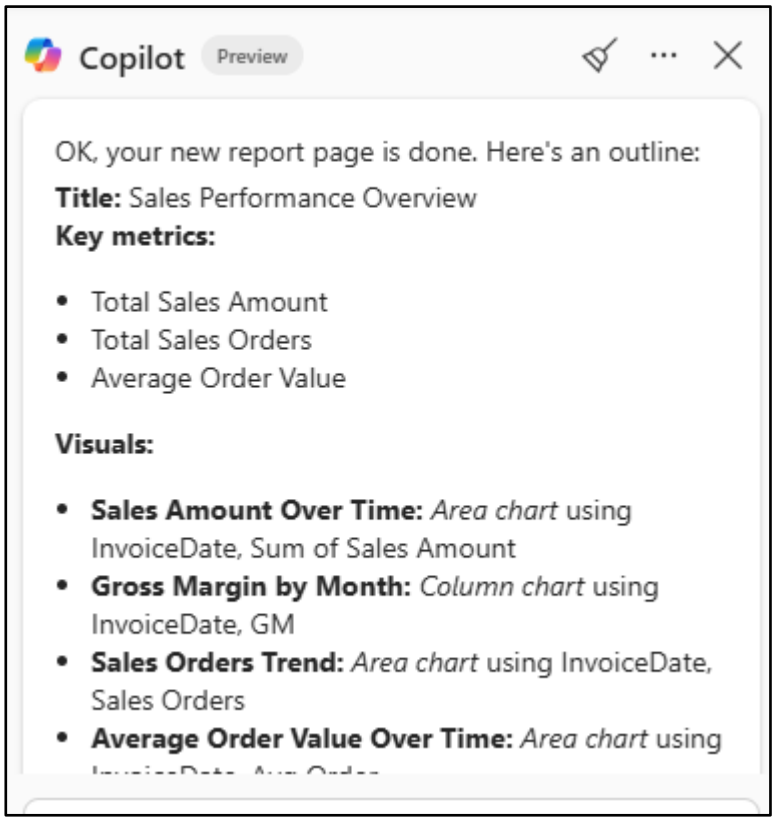


4. Copilot will provide several different page topics. Click **+ create** on the first page topic in the list, then click **Create**.



5. Copilot will create a report page with visuals such as cards, area charts, and even a report title. Additionally, Copilot provides an outline with the title, key metrics, and explanation of the visuals used on the page.



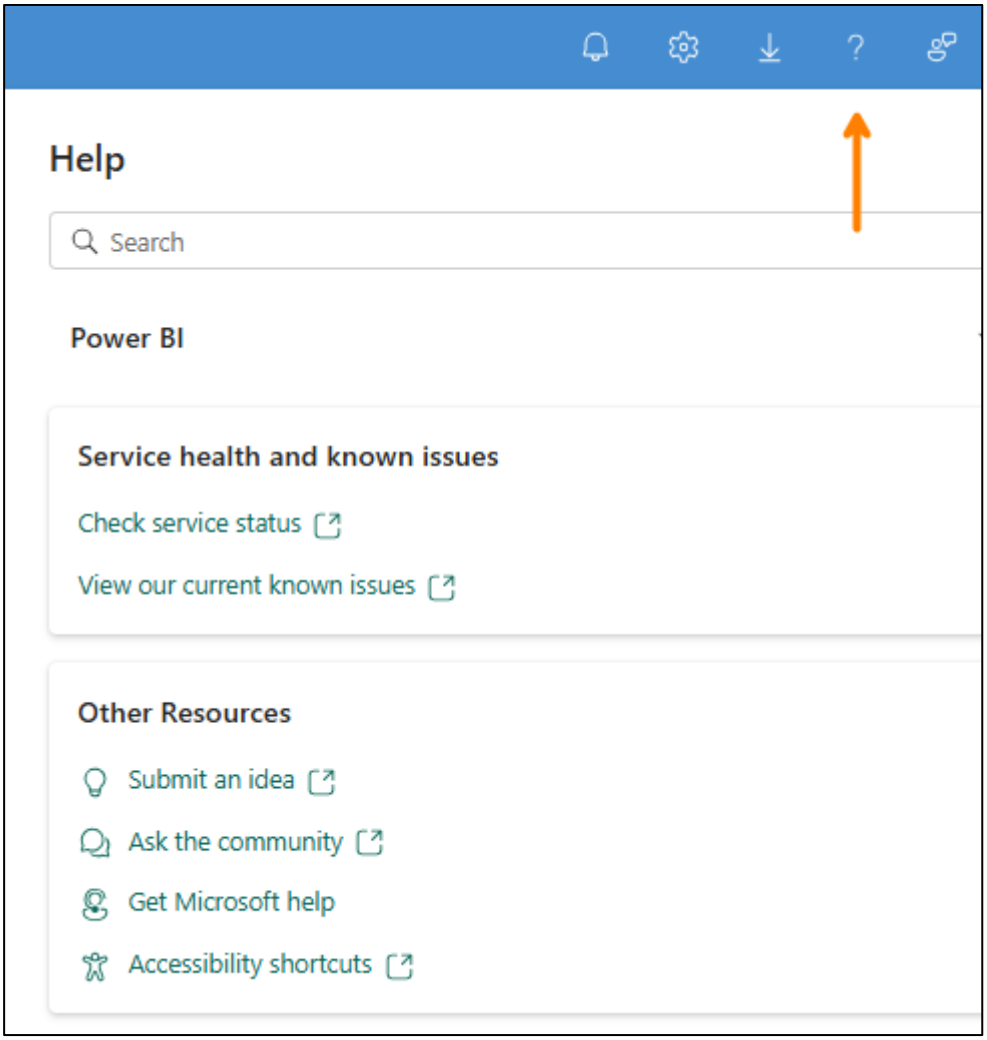


6. Explore some more! If lab time permits, feel free to explore and generate additional report pages using Copilot within Power BI!

References

Chat With Your Data in a Day (CWYDIAD) introduces you to some of the key features when using standalone Copilot in a Fabric workspace.

In the menu of the service, the Help (?) section has links to some great resources. Keep in mind the view that you see is dependent upon what experience you are currently in and therefore your options may look different than the screenshot below.



Here are a few more resources that will help you with your next steps with Microsoft Fabric.

- Access all the information in the main Microsoft Fabric Documentation
- Explore Fabric through the Guided Tour
- Sign up for the Microsoft Fabric free trial
- Visit the Microsoft Fabric website
- Learn new skills by exploring the Fabric Learning modules
- Read the free e-book on getting started with Fabric
- Join the Fabric community to post your questions, share your feedback, and learn from others

Read the more in-depth Copilot-relevant technical documentation:

- Copilot for Power BI Overview - Power BI | Microsoft Learn
- Standalone Copilot Experience in Power BI (Preview) – Power BI | Microsoft Learn
- Microsoft Fabric Copilot admin settings | Microsoft Learn
- Fabric data agent creation (preview) - Learn how to create a Fabric data agent | Microsoft Learn
- Best practices for configuring your data agent - Microsoft Fabric | Microsoft Learn
- Copilot for Microsoft Fabric and Power BI: FAQ - Microsoft Fabric | Microsoft Learn

DISCLAIMER

This demo/lab contains only a portion of new features and enhancements in Microsoft Power BI. Some of the features might change in future releases of the product. In this demo/lab, you will learn about some, but not all, new features.