

Copilot Studio and Azure AI Workshop

Lab 1: Create an agent and add knowledge sources

Hands-on Lab Step-by-Step Guide

April 2025

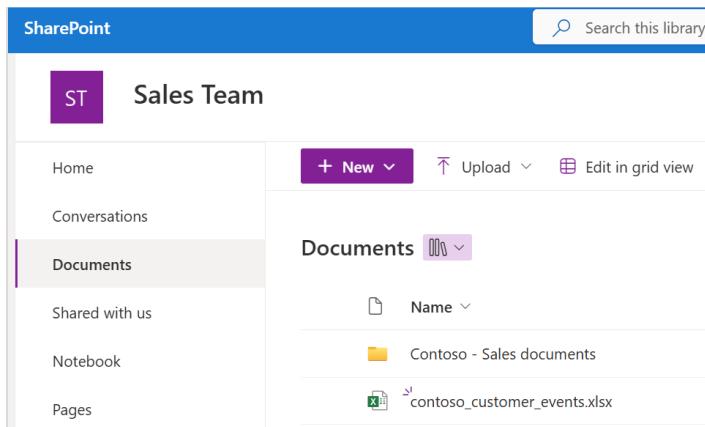
Lab Overview and Pre-requisites

Learning Objectives

This lab is designed to help both pro-code and Low-code developers to create a copilot in Copilot Studio called Sales Buddy and add Knowledge Sources to the agent to allow users to ask questions about the data.

Pre-requisites

- You will need credentials for a demo tenant that has Dataverse/Dynamics 365 Sales and AI Builder trial enabled.
- Create a public SharePoint site in the demo tenant named **Sales Team**. Once created, upload the **Lab 1 Assets** to the **Documents** library of this new site. Ensure that the uploaded content contains:
 - The folder titled **Contoso – Sales documents** contains **two Word documents**.
 - An Excel file named **contoso_customer_events.xlsx** is also present and accessible.

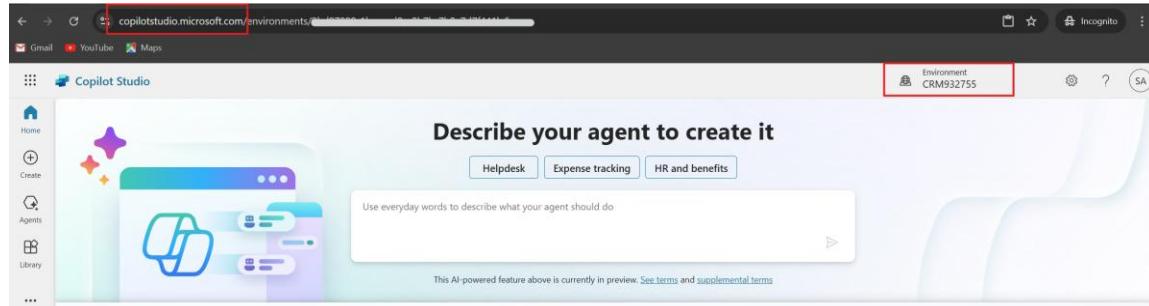


- Verify that you have sample data in your tenant: Browse to <https://make.powerapps.com> in your demo tenant and ensure you are in the **correct** environment. Click on **Tables** and then **Account** to confirm you have data in your account table.

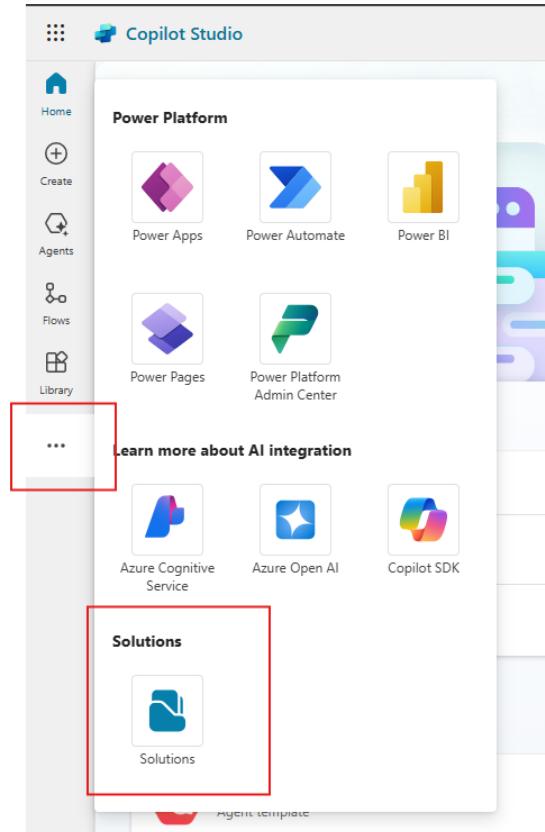
Lab 1: Create an agent and add Knowledge sources

1. Browse to copilotstudio.microsoft.com to open Copilot Studio using the credentials of your demo tenant. You may need to use an In Private or Incognito browser to access your demo tenant.

Confirm you are in the correct environment.



2. Click on 3 dots (...) and select **Solutions**. This opens the solutions window.



3. In the solutions window, Select **New solution** and fill-in the details and select **New Publisher**

New solution

Display name *

Name *

Publisher *

Select a Publisher

Version *

Set as your preferred solution (i)

More options

4. Provide your unique publisher **display name, name and prefix**

New publisher

Publishers indicate who developed associated solutions. [Learn more](#)

Properties **Contact**

Display name *

Name *

Description

Prefix *

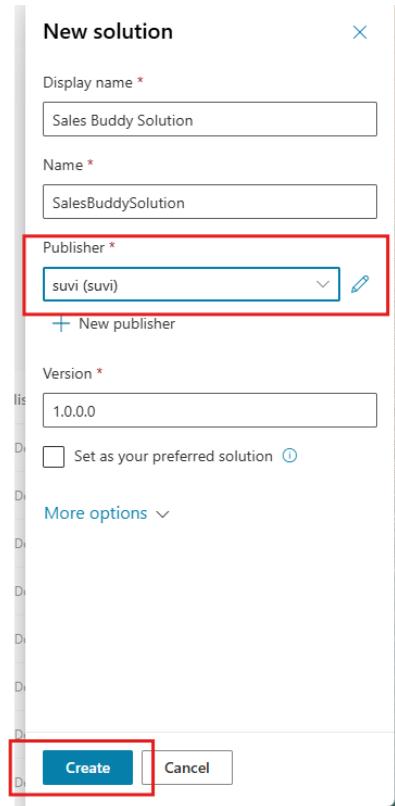
Choice value prefix *

Preview of new object name

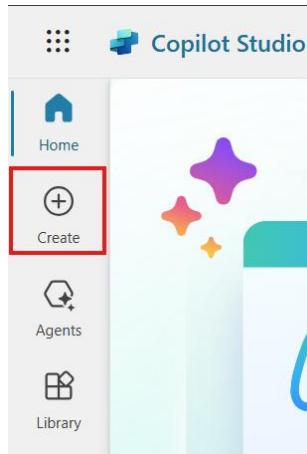
su_Object

Save **Cancel**

5. Back in the new solution window, select the newly created publisher and click on **Create**



6. Navigate back to Copilot Studio window, ensure you're inside the right environment. Click on **+ Create** on the left-hand side to start creating a new Agent.



7. There are many Agent Templates currently available for you to start with a template. We will be creating our own custom agent, so click on **+ New Agent** to start the configuration process.

MS Learn - Quickstart: Create and deploy an agent

New agent
Create an agent that leverages end-to-end generative AI for task completion, knowledge sharing, analytics, and more.

Explore agents
This AI-powered feature is currently in preview. [See terms](#)

- Safe Travels** Provides answers to common travel questions and related health and safety guidelines.
- Website Q&A** Instantly answer user questions using the content of your web site or other knowledge.
- Team Navigator** Assists employees in finding colleagues and their hierarchy within the organization using Microsoft Teams.
- Financial Insights** Help financial services professionals get quick and concise info from their org's financial documents and other available...
- Case Management** Provide round-the-clock automated support to customers by understanding their issues and creating cases.
- Inclusivity** Helps employees to have a safe place to ask questions and to learn how to activate inclusivity in a modern and diverse...

- On this screen you can have a conversation with that agent builder to build out your agent or you can click on Skip to Configure to start the configuration process. For our lab, we are going to **Skip to Configure**. You can explore creating an agent using the chat on your own time.

February 26, 2025, 11:26 AM

Hello! I'm here to help you build an agent so you can get more done. You can say something like 'provide best practices for project management' or 'help my teammates onboard to a new project'. What would you like to make?

Type your message

0/2000

The conversational creation experience and resulting agent will contain preview features. By using the AI features labeled preview, you agree to the supplemental preview terms. For other AI features, you agree to the supplemental terms. [See preview terms and supplemental terms](#)

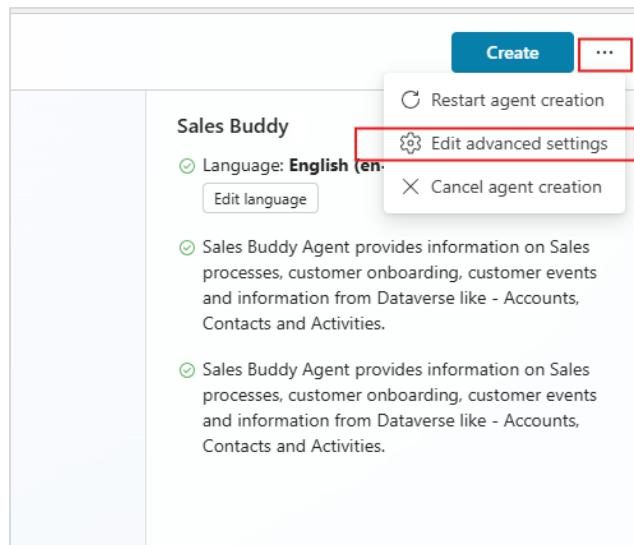
- Configure the agent using the following information:

Name: **Sales Buddy**

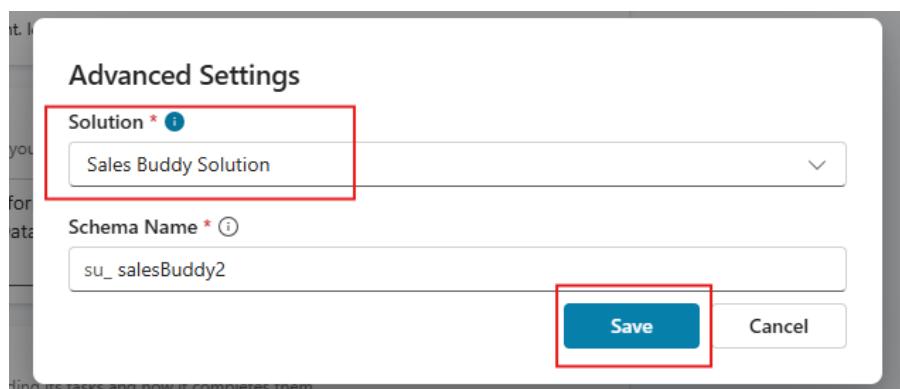
Description: Sales Buddy Agent provides information on Sales processes, customer onboarding, customer events and information from Dataverse like - Accounts, Contacts and Activities.

Instructions: Sales Buddy Agent provides information on Sales processes, customer onboarding, customer events and information from Dataverse like - Accounts, Contacts and Activities.

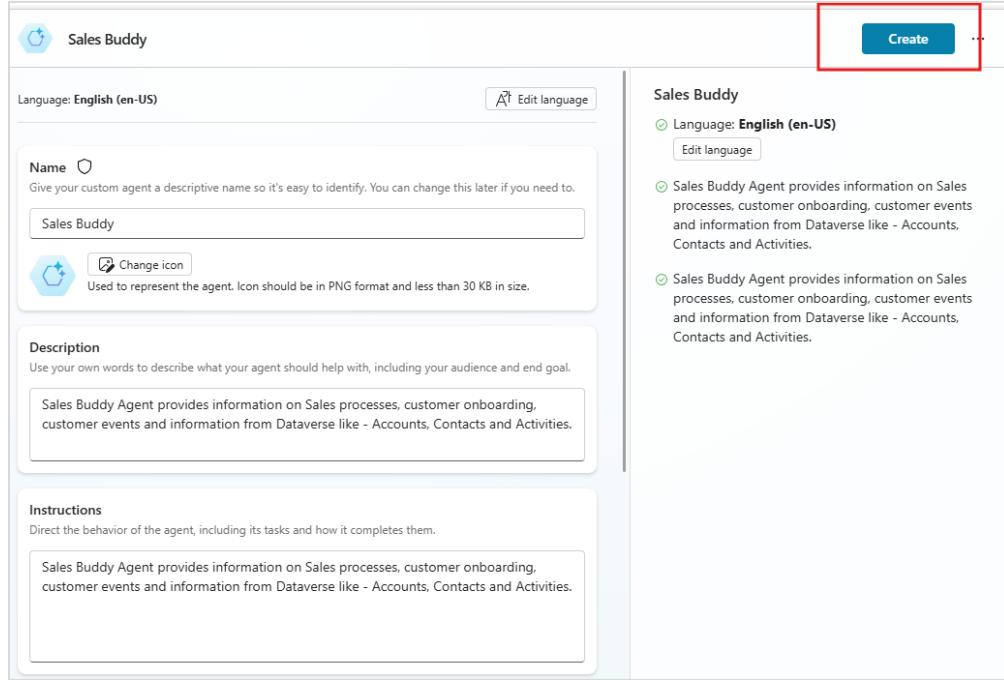
10. Click on 3 dots (...) on right-top, next to **Create** button and select **Edit advanced settings**



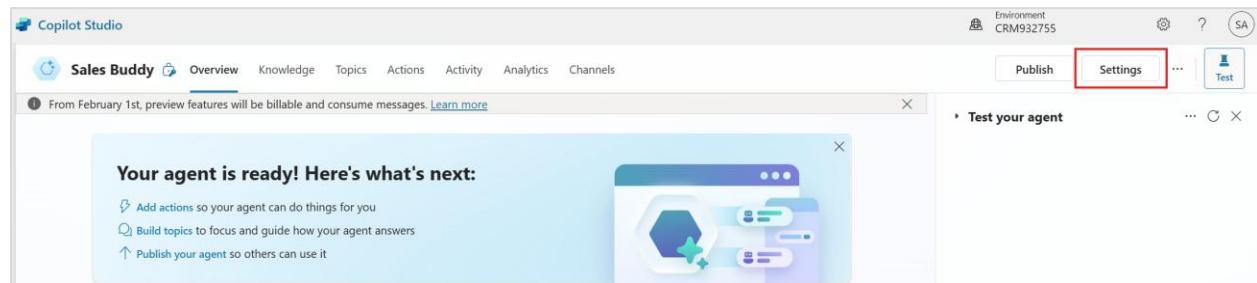
11. In the advanced settings window, select the **Sales buddy Solution** that we previously created and select **Save**



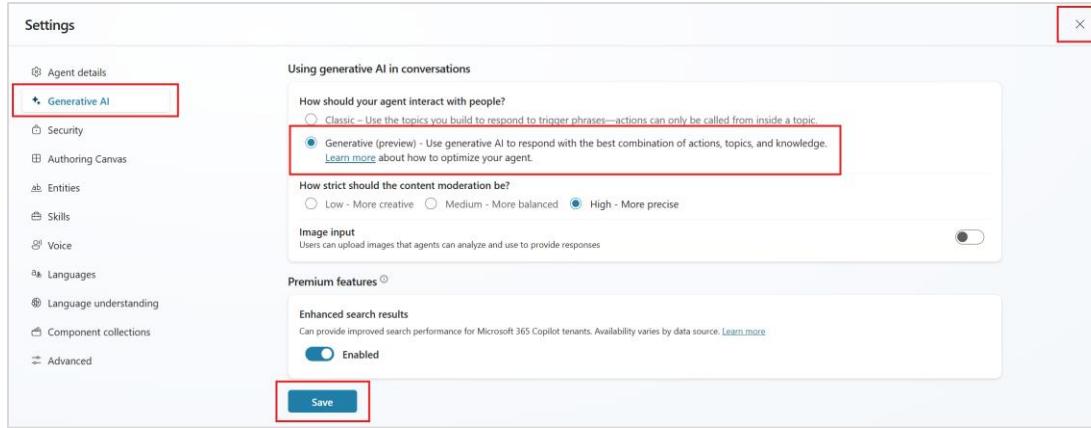
12. Back in the new agent window, click on **Create** in the upper right corner to start creating the agent within the new solution



13. Once your agent is created, we will confirm that the Generative AI Settings are enabled. Click on **Settings** in the upper right corner.



14. Once in Settings, click on **Generative AI** in the left-hand menu and select **Generative (preview)**. You can keep the rest of the settings the same. Click on **Save** and then close the Settings menu by clicking on the X in the right-hand corner.



15. We are now ready to add some Knowledge sources. You can either click on **Knowledge** in the top menu or click on the **+ Add Knowledge** button in the Knowledge area.

MS Learn - Knowledge Sources Overview

The screenshot shows the 'Knowledge' tab for the 'Sales Buddy' agent in Copilot Studio. The top navigation bar includes Home, Create, Agents, Library, and three dots. The 'Knowledge' tab is active and highlighted with a red box. A message at the top states: 'From February 1st, preview features will be billable and consume messages. [Learn more](#)'. Below this is a callout box with the heading 'Your agent is ready! Here's what's next:' and three items: 'Add actions so your agent can do things for you', 'Add trigger so your agent can be activated by an event', and 'Publish your agent so others can use it'. The main content area is titled 'Details' and contains fields for 'Name' (Sales Buddy), 'Description' (Sales Buddy Agent provides information on Sales processes, customer onboarding, customer events and information from Dataverse like - Accounts, Contacts and Activities.), 'Instructions' (Sales Buddy Agent provides information on Sales processes, customer onboarding, customer events and information from Dataverse like - Accounts, Contacts and Activities.), 'Orchestration' (Preview, 'Use generative AI to determine how best to respond to users and events (preview). [Learn more](#)', Enabled), and 'Knowledge' (Add data, files, and other resources to inform and improve AI-generated responses. 'Allow the AI to use its own general knowledge. [Learn more](#)' is also enabled). At the bottom right of the 'Knowledge' section is a '+ Add knowledge' button.

16. We will be adding documents from a SharePoint site that you should have downloaded as a pre-requisite. Click on **SharePoint**.

Add knowledge

Add knowledge so your agent can provide more relevant information and insights. Once set up, other people with edit permissions for this agent can reuse these knowledge sources for additional topics. [Learn more about knowledge sources](#)

Featured Advanced Search X

Public websites Add public websites for real-time answers

SharePoint Securely integrate and manage internal data

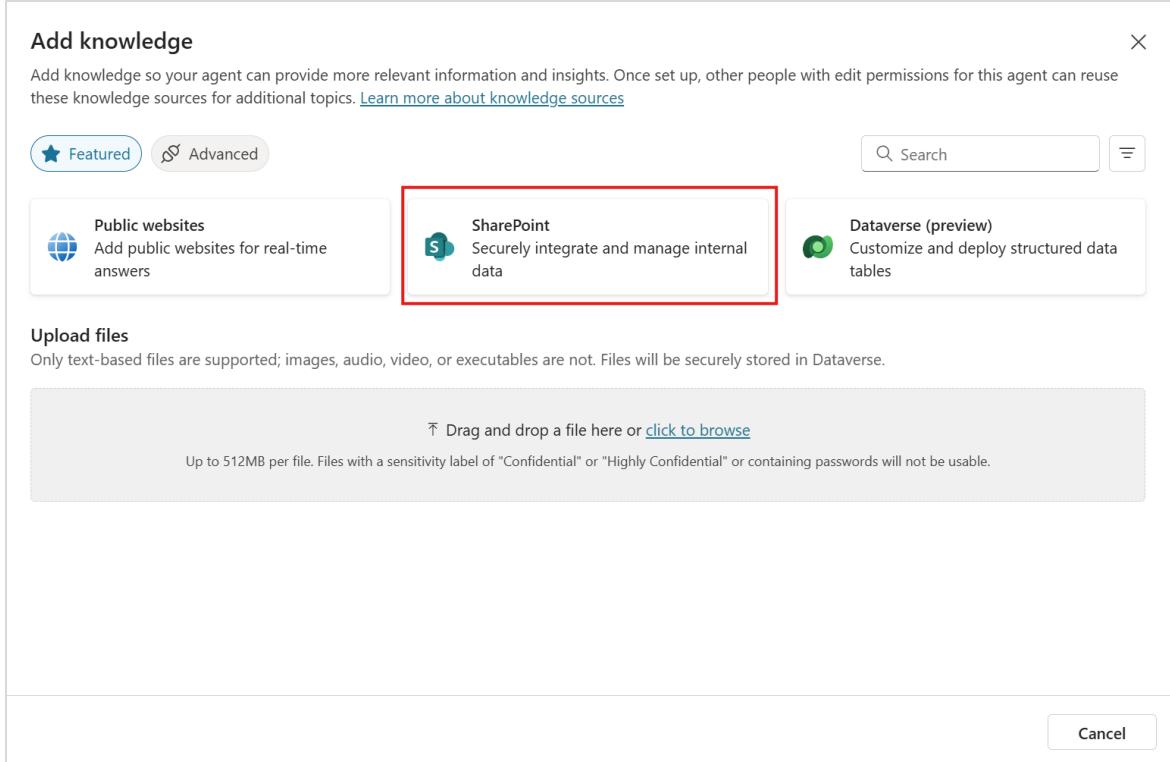
Dataverse (preview) Customize and deploy structured data tables

Upload files Only text-based files are supported; images, audio, video, or executables are not. Files will be securely stored in Dataverse.

Drag and drop a file here or [click to browse](#)

Up to 512MB per file. Files with a sensitivity label of "Confidential" or "Highly Confidential" or containing passwords will not be usable.

Cancel



17. We will get the URL of the SharePoint site where you have downloaded the lab assets. Browse to your SharePoint site where you downloaded the lab assets. Select the Contoso – Sales documents folder.

SharePoint Search this library

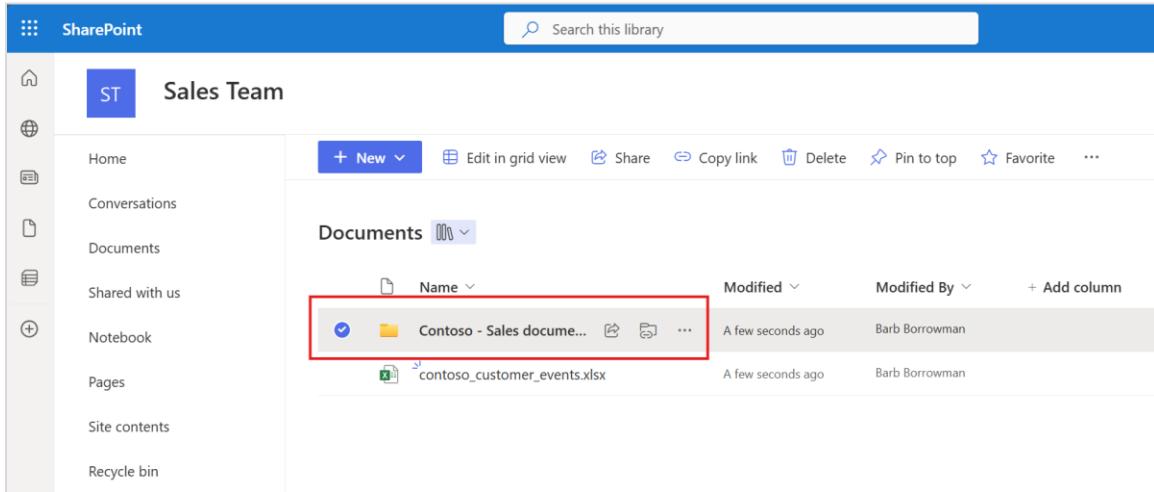
ST Sales Team

Home Conversations Documents Shared with us Notebook Pages Site contents Recycle bin

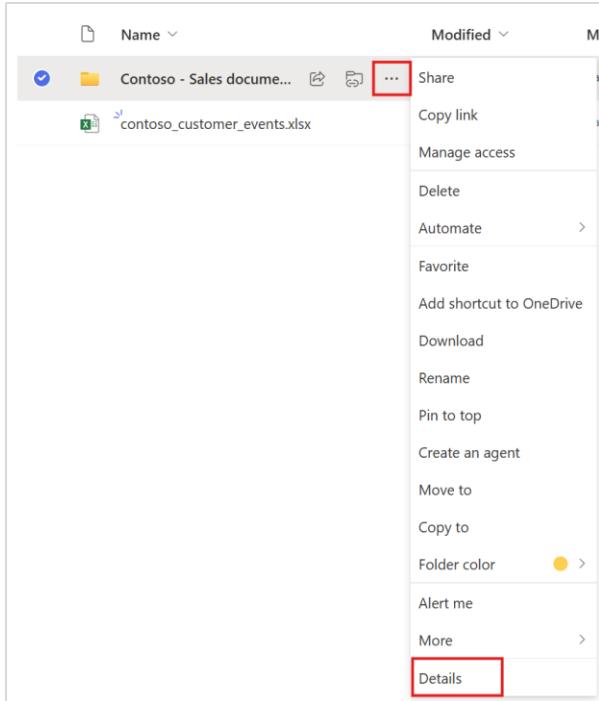
+ New Edit in grid view Share Copy link Delete Pin to top Favorite ...

Documents

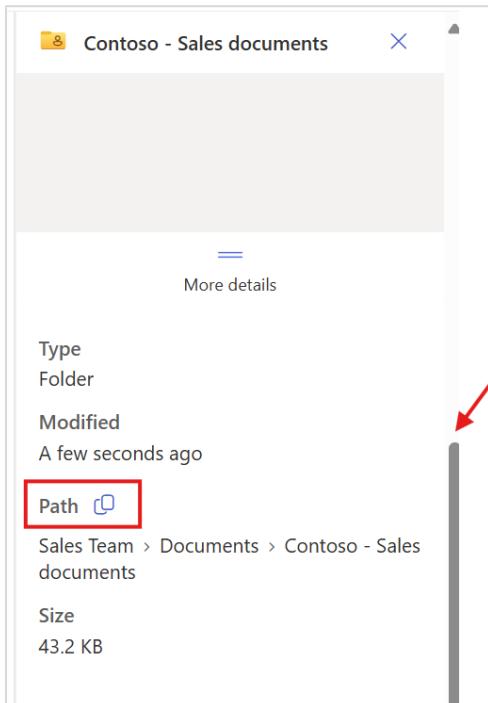
Name	Modified	Modified By	Add column
Contoso - Sales docume...	A few seconds ago	Barb Borrowman	
contoso_customer_events.xlsx	A few seconds ago	Barb Borrowman	



Click on the ellipse (...) and then Details.

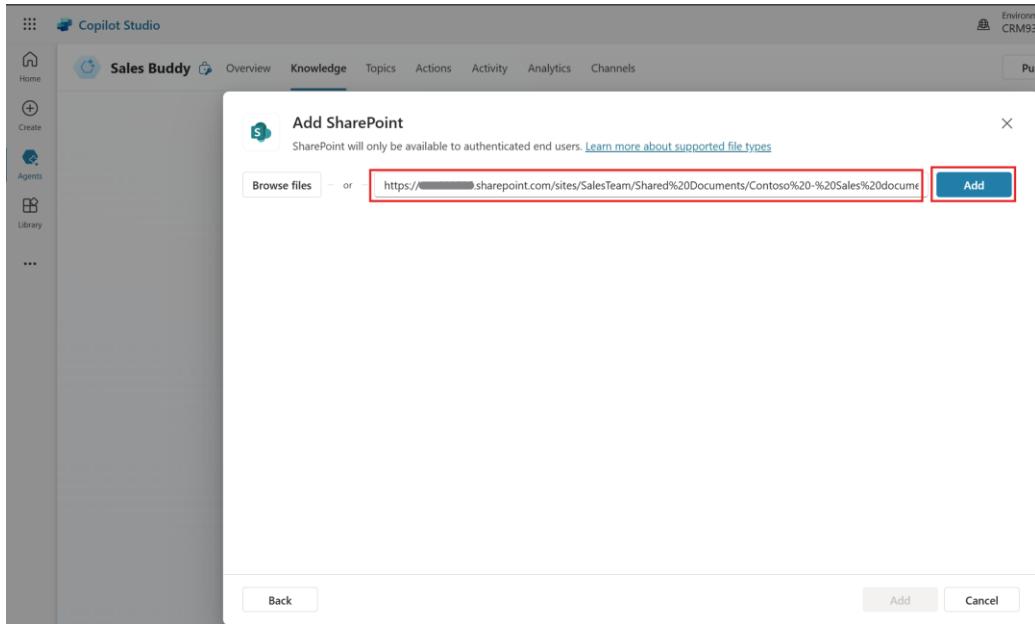


Scroll down in the detail window and then copy the path.



18. Click back over to the **Copilot Studio tab** that has the add Knowledge Source step open and **paste the URL** we just copied. Click on **Add**.

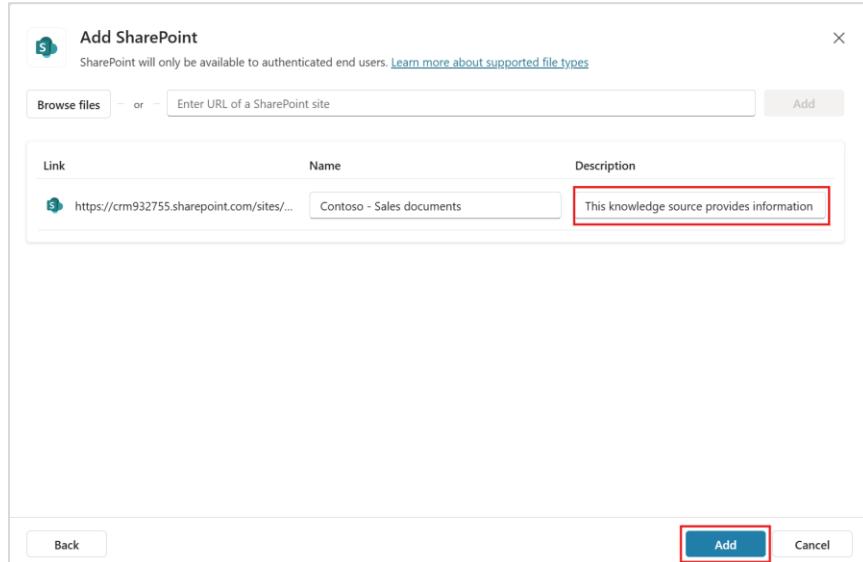
Copilot Studio and Azure AI Foundry Workshop



19. The next step is very important. We need to add a description of the knowledge source so that the agent knows when to use it. **Copy and paste** the following in the Description for the knowledge source:

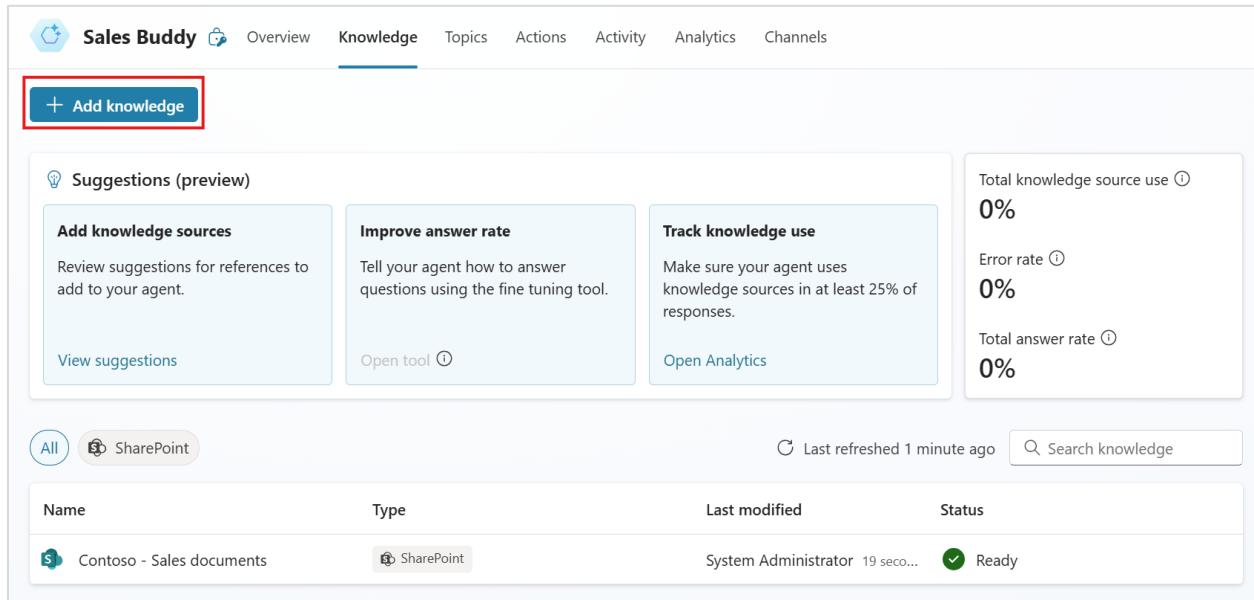
This knowledge source provides information on sales processes and customer onboarding. These are the files available in that folder.

Then click on Add.



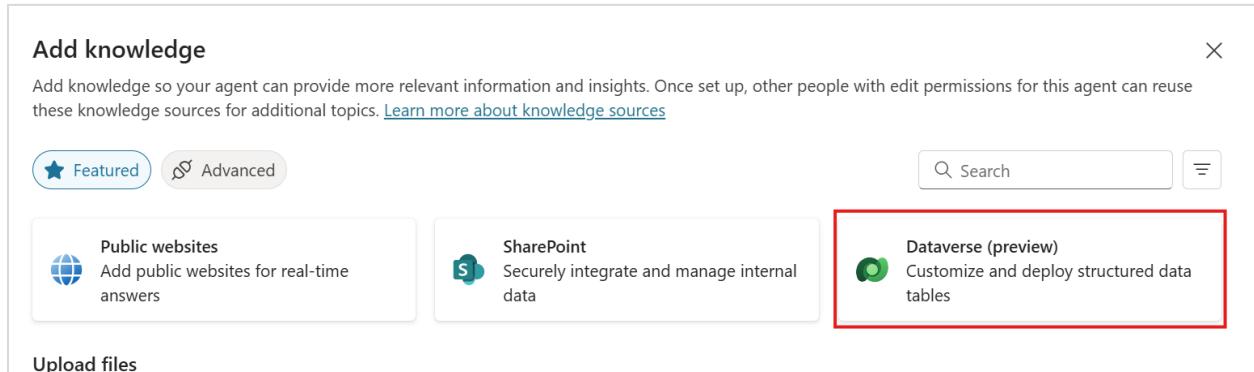
20. It may take a few minutes to add the knowledge source, but we will see a green check mark under status when our document is ready to be used by the agent. We are

going to add a 2nd knowledge source to get access to our accounts and contacts.
Click on + Add knowledge.



The screenshot shows the 'Sales Buddy' interface with the 'Knowledge' tab selected. A red box highlights the '+ Add knowledge' button. Below it, there's a section titled 'Suggestions (preview)' with three cards: 'Add knowledge sources', 'Improve answer rate', and 'Track knowledge use'. To the right, there are performance metrics: 'Total knowledge source use 0%', 'Error rate 0%', and 'Total answer rate 0%'. At the bottom, there's a table showing one knowledge source entry: 'Contoso - Sales documents' (SharePoint type) last modified by 'System Administrator' 19 seconds ago, with a status of 'Ready'.

21. Since our accounts and contacts reside in Dataverse, click on **Dataverse (preview)** for the knowledge source.



The screenshot shows the 'Add knowledge' dialog box. It has tabs for 'Featured' (selected) and 'Advanced'. There are three options: 'Public websites', 'SharePoint', and 'Dataverse (preview)', which is highlighted with a red box. Below the options is a 'Search' bar and an 'Upload files' button.

22. We will select 3 tables for our agent: **Account, Contacts and Activity**. Click on **Account** to select that table. *You will also see at the top that (1) table is selected.*

Step 1 of 3: Select Dataverse tables

Select up to 15 tables, or go to the data workspace in Power Apps to [create new tables](#)

All Selected (1)

Available tables

Last refreshed now

(Deprecated) Teams Engagement Context
msdyn_teamsengagementctx

[Deprecated] Dynamics Customer Service Analytics
msdyn_analyticsforcs

[DEPRECATED] Playbook category
msdyn_playbookcategory

[DEPRECATED] Playbook template
msdyn_playbooktemplate

Account Account

Back Next Cancel

Search for Contact to find that table and select that table. Search for Activity and select that table. You should now have (3) tables selected. Click on Next.

Step 1 of 3: Select Dataverse tables

Select up to 15 tables, or go to the data workspace in Power Apps to [create new tables](#)

All Selected (3)

Activity

Last refreshed 1 hour ago

Activity Analysis CleanUp State
msdyn_activityanalysiscleanupstate

Activity File Attachment
activityfileattachment

Activity monitor
activitymonitor

Campaign Activity
CampaignActivity

Back Next Cancel

23. The next step is to preview the data in the tables and confirm that it is the data you were expecting. You can select each table using the drop-down menu. When you have previewed the data, you can click on **Next**.

Step 2 of 3: Preview data

Preview the first 20 available rows and columns from your selected tables.

Select a table to review

Activity

Activity Type	Date Created	Delivery Priority	Exchange Rate	Recurring Instance Type
phonecall	2025-01-25T14:00:00Z	1	1	0
phonecall	2025-01-26T10:00:00Z	1	1	0
phonecall	2025-01-27T10:00:00Z	1	1	0
phonecall	2025-01-28T10:00:00Z	1	1	0
phonecall	2025-01-29T10:00:00Z	1	1	0
phonecall	2025-01-29T10:00:00Z	1	1	0
phonecall	2025-01-28T10:00:00Z	1	1	0
phonecall	2025-01-27T12:00:00Z	1	1	0
phonecall	2025-01-30T00:00:00Z	1	1	0

Back Next Cancel

24. The last step is to review and finish. You can review the knowledge name, description and the tables. Click on **Add**.

Step 3 of 3: Review and finish

Review your data selections and provide a name and description to help your agent access the data.

Knowledge name *

Activity, Contact, Account 26/100

Knowledge description *

This knowledge source answers questions found in the following Dataverse tables: Activity, Contact, Account 107/2500

Synonyms (0 synonym(s) in 0 column(s) in 0 tables(s)) Edit

Increase your agent's data retrieval accuracy by adding synonyms for complex or unclear column names in your tables.

Glossary (0) Edit

Enhance your agent's understanding and responses by defining domain-specific terms and acronyms.

Selected tables

Account
Activity

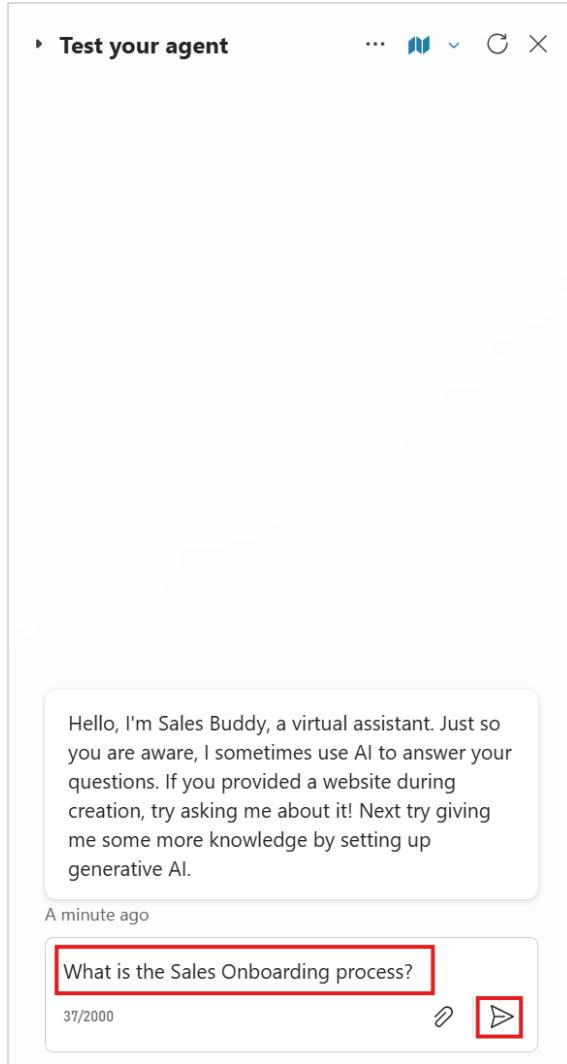
Back Add Cancel

25. It may take a few minutes for the Knowledge sources to be indexed, but we can start testing with some questions from our sales documents on the SharePoint site. In the testing pane, type the question **“What is the Sales onboarding process?”** and click on the send button to ask your question.

Note: sometimes it takes a while to index the SharePoint site or document folder, and you may not see the expected results immediately. If the agent doesn't return the results from SharePoint, for now, please upload the two **word** documents as knowledge source directly instead of pointing to SharePoint. (It might take around 10 minutes to index these documents, check for status under Knowledge tab before testing)

The screenshot shows the Sales Buddy application interface. At the top, there's a navigation bar with tabs: Overview, Knowledge (which is selected), Topics, Actions, Activity, Analytics, and Channel. Below the navigation bar, there's a button labeled '+ Add knowledge' and a section titled 'Suggestions (preview)' with three cards: 'Add knowledge sources', 'Improve answer rate', and 'Track knowledge use'. Underneath this, there's a file list table with columns: Name, Type, Last modified, and Status. The table shows two files: 'Customer Onboarding Guide.docx' and 'Sales Process Document Contoso Ltd....'. Both files are listed as 'Ready' with green checkmarks. A red box highlights the 'Status' column for both rows.

Name	Type	Last modified	Status
Customer Onboarding Guide.docx	Files	suvidha s 18 minutes ago	Ready
Sales Process Document Contoso Ltd....	Files	suvidha s 18 minutes ago	Ready



26. You can see on the canvas that the agent is looking at the knowledge sources that we have given it to answer questions. You can then see that the agent gives us the steps for on boarding a new customer at Contoso and that the data was generated from our Customer Onboarding Guide.

Copilot Studio and Azure AI Foundry Workshop

The screenshot shows the Copilot Studio interface. At the top, there's a navigation bar with 'Copilot Studio' and various tabs like 'Overview', 'Knowledge', 'Topics', 'Actions', 'Activity', 'Analytics', and 'Channels'. On the right, there are buttons for 'Publish', 'Settings', and 'Test'. Below the navigation, there's a section titled 'Activity map' with a 'Session started' button. A red box highlights a 'Knowledge sources' panel. This panel shows 'Knowledge sources searched over' (SharePoint, Contoso - Sales documents, Dataverse) and 'Output' (SharePoint, Contoso - Sales documents). At the bottom of this panel is a 'Session complete' button. To the right, there's a sidebar titled 'Test your agent' which includes a list of steps for sales onboarding and a reference section.

The sidebar content is as follows:

The sales onboarding process at Contoso Ltd. includes the following steps:

- Welcome & Account Setup:** Receive a welcome email with account credentials and next steps. Schedule an introductory call with your dedicated customer success manager.
- Product Training & Resources:** Attend a live or recorded product demo session. Access the knowledge base, FAQs, and user guides.
- Implementation & Customization:** Work with the team to customize the product to fit your business needs. Set up integrations with other tools if necessary.
- First 30 Days Success Plan:** Define key goals and milestones for your business with the tool. Schedule periodic check-ins to ensure smooth adoption.
- Ongoing Support & Feedback:** Get access to 24/7 customer support via chat, email, or phone. Share feedback to help improve your experience.

1 reference ▾
1 Customer Onboarding Gui...

27. We can try another question. Type “What is the sales process?” and click on the Send button. We can see once again that it is using the knowledge sources and gives us the answer from our Sales Process Document.

This screenshot shows the 'Test your agent' interface. A red box highlights a large list of steps for a sales process. The steps are numbered 2 through 6, each with a brief description. Step 6 is specifically about 'Post-Sale Follow-up & Onboarding'. Below this list is a reference section and a message input field.

and manage outreach efforts.

2. **Qualification & Needs Analysis:** Use the BANT (Budget, Authority, Need, Timeline) framework to qualify leads. Conduct discovery calls to understand customer pain points and needs.

3. **Solution Presentation & Value**
Proposition: Tailor product demos or presentations to address customer pain points. Highlight key benefits and how the solution solves their challenges.

4. **Handling Objections & Negotiation:** Address customer concerns effectively using case studies and testimonials. Offer flexible pricing and terms when necessary.

5. **Closing the Deal:** Finalize contract terms and obtain necessary approvals. Send sales agreement for signature and ensure payment terms are clear.

6. **Post-Sale Follow-up & Onboarding:** Handoff to the customer success team for smooth onboarding. Schedule follow-up calls to ensure customer satisfaction and upsell opportunities.

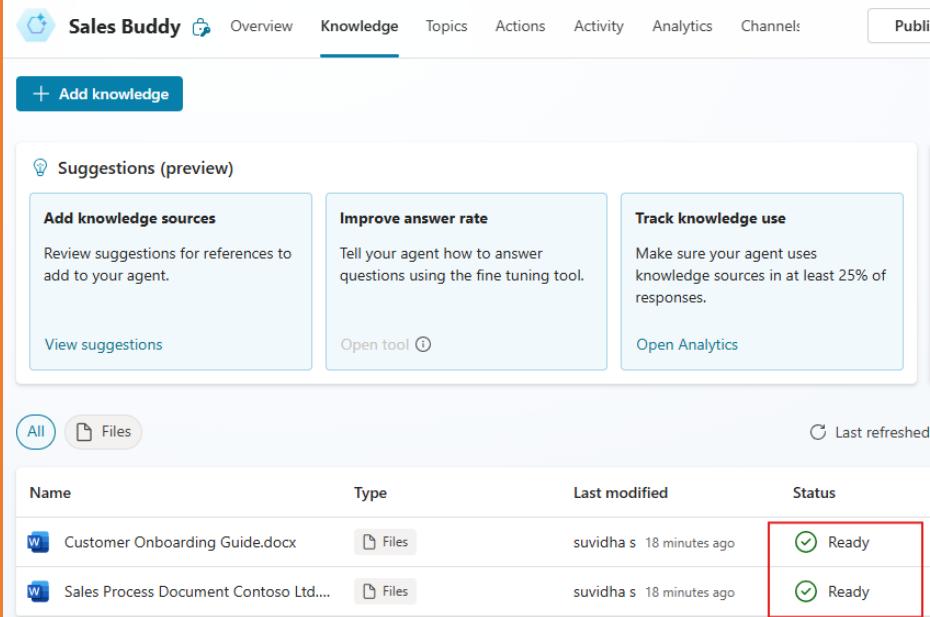
1 reference ▾
1 Sales Process Document C...

Just now

What is the sales process?

28/2000

Note: sometimes it takes a while to index the SharePoint site or document folder, and you may not see the expected results immediately. If the agent doesn't return the results from SharePoint, for now, please upload the two **word** documents as knowledge source directly instead of pointing to SharePoint. (It might take around 10 minutes to index these documents, check for status under Knowledge tab before testing)



The screenshot shows the Sales Buddy AI Foundry interface. At the top, there's a navigation bar with tabs: Overview, Knowledge (which is highlighted in blue), Topics, Actions, Activity, Analytics, and Channels. Below the navigation bar, there's a button labeled '+ Add knowledge'. Under the 'Knowledge' tab, there's a section titled 'Suggestions (preview)' with three cards: 'Add knowledge sources', 'Improve answer rate', and 'Track knowledge use'. Each card has a 'View suggestions' or 'Open tool' button. Below this, there's a file list with two items: 'Customer Onboarding Guide.docx' and 'Sales Process Document Contoso Ltd....'. Both files are listed as 'Files' and were last modified 18 minutes ago by 'suvidha s'. The 'Status' column for both files shows a green circle with a checkmark and the word 'Ready'. A red box highlights the 'Ready' status for the second file.

Name	Type	Last modified	Status
Customer Onboarding Guide.docx	Files	suvidha s 18 minutes ago	Ready
Sales Process Document Contoso Ltd....	Files	suvidha s 18 minutes ago	Ready

28. We can limit the agent to only use knowledge sources we have added and not any knowledge from the web. In the **Overview** section, scroll down to **Knowledge** and **Disable Allow the AI to use its own general knowledge**.

The screenshot shows the 'Overview' tab selected for the 'Sales Buddy' agent. The page includes sections for Description, Instructions, Orchestration, Knowledge, and a Test pane.

- Description:** Sales Buddy Agent provides information on Sales process, customer onboarding, customer events and information from dataverse like - Accounts, Contacts and Activities.
- Instructions:** Sales Buddy Agent provides information on Sales process, customer onboarding, customer events and information from dataverse like - Accounts, Contacts and Activities.
- Orchestration:** Use generative AI to determine how best to respond to users and events (preview). [Learn more](#). A toggle switch is set to **Enabled**.
- Knowledge:** Add data, files, and other resources to inform and improve AI-generated responses. A toggle switch is set to **Disabled**.
- Test pane:** Shows a question: "What is the address for customer Northwind Traders?". Below it, a response is shown: "Activity, Contact, Account".

29. Our second knowledge source should be ready for testing, so let's ask some questions about the Accounts and Contacts we added. In the **Test your Agent pane**, ask the following questions:

What is the address for customer Northwind Traders?
What is the annual revenue and account number?

You will see we get the information back from our Account table and the agent will remember that we are asking about Northwind Traders with our second question.

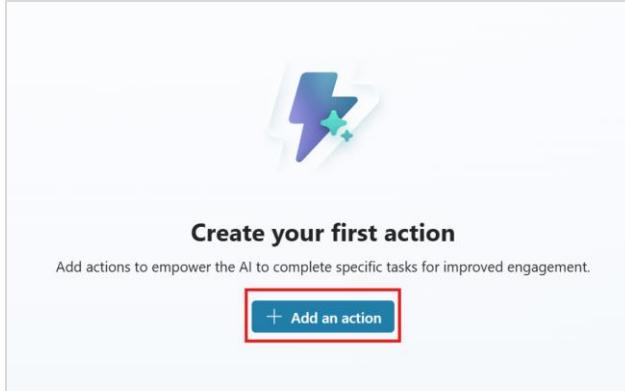
Note: The screenshot below shows the address, revenue, and account number for Fourth Coffee. This customer is not in the lab materials, but the result will be similar (with different numbers) for Northwind Traders (or any of the customers in your Contacts).

30. We're adding another source—a list of upcoming customer events stored as a table in Excel. If we upload the Excel file directly as a Knowledge source, it will remain a static list, requiring manual updates/uploads whenever new events are added. Since hosting the file on a SharePoint site won't work for direct retrieval either (as Excel files aren't supported for this purpose), we'll take a different approach. We'll create an Action for our Agent that dynamically queries the Excel table stored on SharePoint whenever someone asks about customer events..

[Use actions with custom agents \(preview\) - Microsoft Copilot Studio | Microsoft Learn](#)

To add an Action, click on the **Action tab** in the top menu for Sales Buddy.

31. Click on **+ Add an Action**.

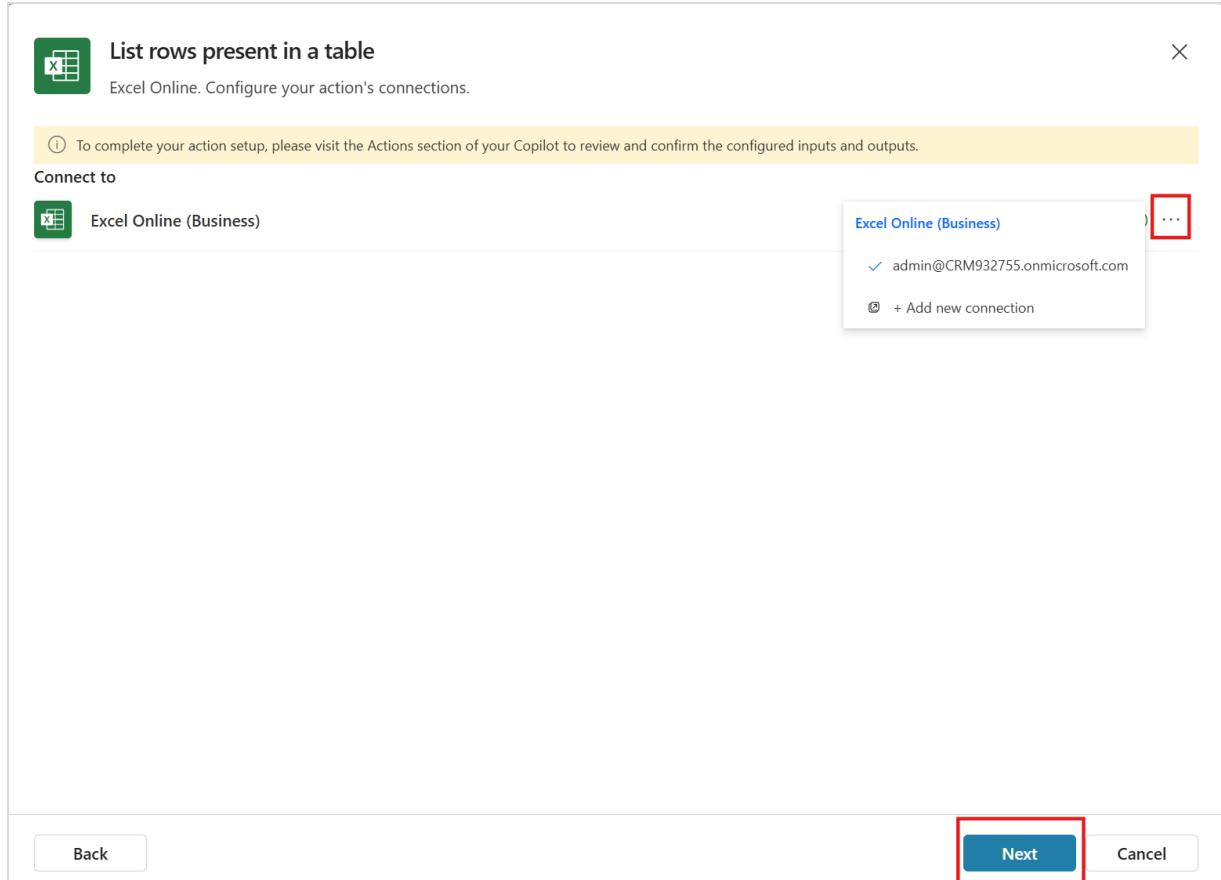


32. Search for **List rows Excel** in the actions. You will probably need to scroll down to find and then select **List rows present in a table for Excel Online (Business)**.

Note: To use this action, the Excel data has to be in a table.

A screenshot of the "Add action" dialog box. At the top left is the title "Add action". Below it is a search bar with the placeholder "Create an action or browse through our list of actions you want to use to get information from external sources." and a link "Learn more". The search bar contains the text "List rows Excel" with a red box around it. The main area shows a grid of actions. One action, "List rows present in a table" by "Excel Online (Business)", is highlighted with a red box. Other visible actions include "List buckets" (Planner), "List channels" (Microsoft Teams), "List chats" (Microsoft Teams), "List members" (Microsoft Teams), "List my tasks" (Planner), "List root folder" (SharePoint), "List rows from selected environment" (Microsoft Dataverse), "List tasks" (Planner), "List teams" (Microsoft Teams), "Merge Excel Rows" (Encodian), and "Populate Excel" (Encodian). At the bottom right of the dialog is a "Cancel" button.

33. You can confirm you have a valid connection when you see the green checkmark, or this is where you could change connections or verify which connection is being used. Then click **Next**.



34. Configure the action with the following and then click **Add action**.

Display Name: List Events

Description: Lists customer events by date, event name, location, target audience or event ID.

End user Authentication: User Authentication

By selecting User Authentication, the end user will be required to create a connection the first time they are using the action in the agent.

Remainder of the configuration is default

List rows present in a table

Excel Online. Configure your action's, options, inputs and outputs

To complete your action setup, please visit the Actions section of your Copilot to review and confirm the configured inputs and outputs.

Name * 11/64

Description for the agent to know when to use this action * 83/1024

[Learn more](#)

Authentication

End user authentication
Control which user authentication type will be used
▼

Usage Description
Describes the purpose of the connector action
 0/1024

[Back](#) [Add action](#) [Cancel](#)

35. Now we can configure the action name inputs for the action and the action inputs.
Click on the **List Events** action to edit.

+ Add an action

Trigger Editing Last modified Errors Enabled

Triggered by age... Barb Borrowman 3 ... On

36. Rename the Action Name to List Events.

The screenshot shows the 'Sales Buddy' Copilot Studio interface. The top navigation bar includes 'Overview', 'Knowledge', 'Topics', 'Actions' (which is underlined), 'Activity', 'Analytics', and 'Channels'. Below this, a section titled 'List Events' contains three tabs: 'Details' (underlined), 'Inputs', and 'Outputs'. The 'Details' tab is active, showing fields for 'Action name *' (containing 'List Events', which is highlighted with a red box), 'Display name *' (containing 'List Events'), and 'Description for the agent to know when to use this action *' (containing 'Lists customer events by date, event name, location, target audience or event ID.'). A 'Learn more' link is at the bottom.

37. Click on the **Inputs** tab and configure as follows:

Location:

How will the agent fill this input?: Use drop down to select **Set as a value**

Click on Confirm whenever the Change input setting pop-up is shown.

Change input settings

Are you sure you want to change the way the agent fills this input? Any changes you've made will be lost.

Confirm

Cancel

Value for Location: SharePoint site URL where the lab assets are stored
(ex: <https://crmXXXX.sharepoint/sites/SalesTeam>)

Document Library:

How will the agent fill this input?: Use drop-down to select **Set as a value**

Value for Document Library: If you click in the area for the value, it should populate with the document library choices in your SharePoint site. If not, get the name from the SharePoint site.

Document Library Required

How will the agent fill this input?

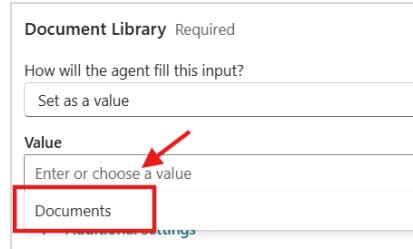
Set as a value

Value

Enter or choose a value

Documents

... More settings



File:

How will the agent fill this input?: Use the drop-down to select Set as a value
Value: Name of the Excel document - contoso_customer_events.xlsx

Table:

How will the agent fill this input?: Use the drop-down to select Set as a value
Value: Click in the area for the value and select Table1

Click Save.

List Events

The action outputs have been updated. Please review the changes.

More Save

Details Inputs Outputs

Location Required

How will the agent fill this input?

Set as a value

Value

https://crm932755.sharepoint.com/sites/SalesTeam/

Document Library Required

How will the agent fill this input?

Set as a value

Value

Documents

File Required

How will the agent fill this input?

Set as a value

Value

contoso_customer_events.xlsx

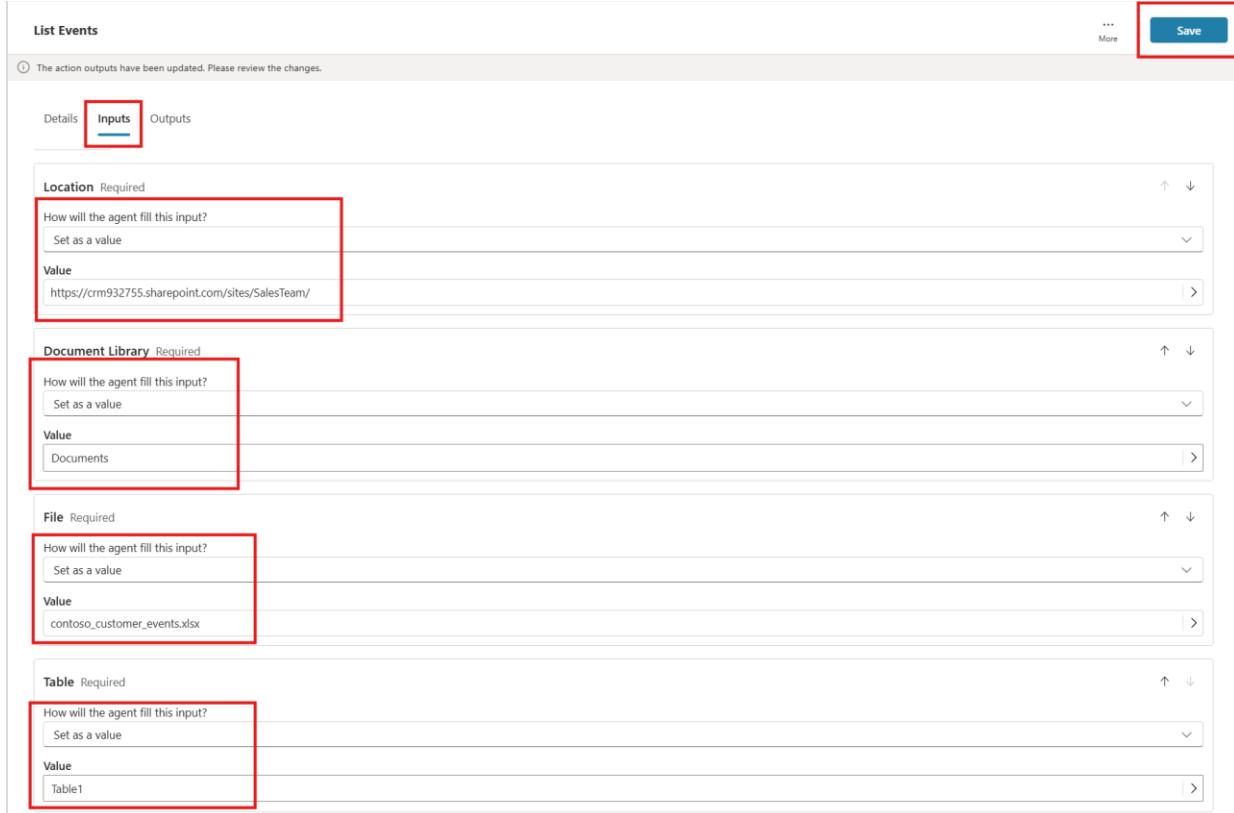
Table Required

How will the agent fill this input?

Set as a value

Value

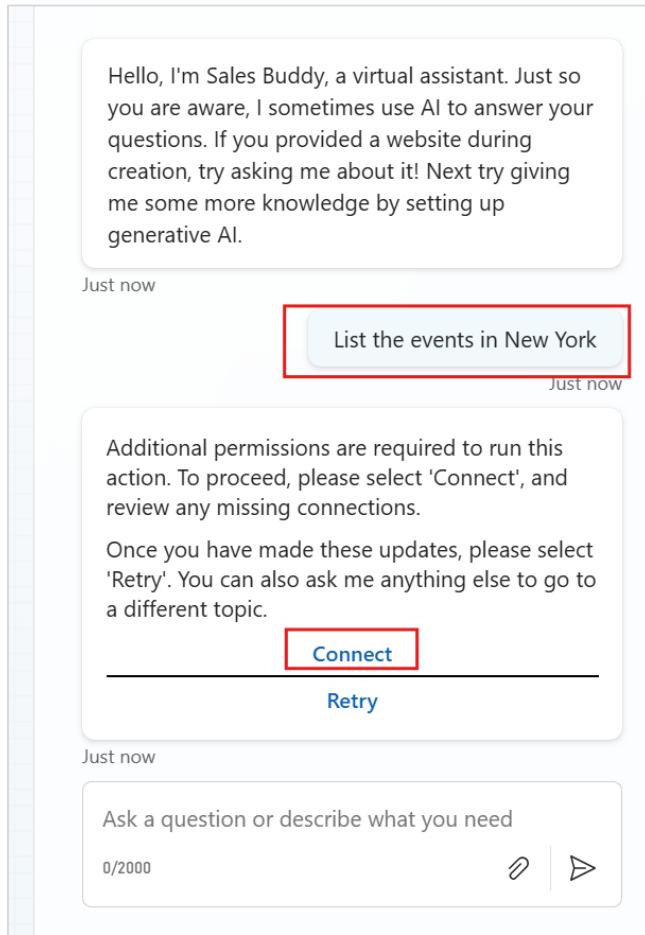
Table1



38. We are now ready to test our agent with the new knowledge source. In the test panel, ask the following question and Send:

List the events in New York

39. You might be prompted to create a connection. This is a first-time experience. Click on Connect



40. In the new window, click on **Connect** next to the excel connector and **Submit**.

The screenshot shows a table titled "Manage your connections". At the top, there are buttons for "Manage connections" and "Refresh", and filters for "All", "Connected", "Expired", "Not Connected", and "Stale". The table has columns for "Name", "Used By", and "Status". One row is visible for "Excel Online (Business)", which is described as "Excel Online (Business) connector lets you work with Excel files in document libraries suppo...". The "Status" column shows "1 action" and "Not Connected" with a checked checkbox. A red box highlights the "Connect" button next to the "Not Connected" status.

Name	Used By	Status
Excel Online (Business) Excel Online (Business) connector lets you work with Excel files in document libraries suppo...	1 action	Not Connected <input checked="" type="checkbox"/> Connect

Go back to your test window and click on **Retry**

The screenshot shows a conversation window. The first message is from "Sales Buddy": "Hello, I'm Sales Buddy, a virtual assistant. Just so you are aware, I sometimes use AI to answer your questions. If you provided a website during creation, try asking me about it! Next try giving me some more knowledge by setting up generative AI." Below this message is the timestamp "4 minutes ago". The second message is a button labeled "List the events in New York" with the timestamp "4 minutes ago" below it. The third message is a note: "Additional permissions are required to run this action. To proceed, please select 'Connect', and review any missing connections. Once you have made these updates, please select 'Retry'. You can also ask me anything else to go to a different topic." This message has a "Connect" button (highlighted with a red box) and a "Retry" button. The timestamp "4 minutes ago" is below this message. The fourth message is an input field with placeholder text "Ask a question or describe what you need", a character count "0/2000", and a send icon. The timestamp "4 minutes ago" is below this message.

41. You should see the response from the agent as shown below. You can ask another question - List the event in March 2025

▶ Test your agent ⋮ ⓘ ⏪

Hello, I'm Sales Buddy, a virtual assistant. Just so you are aware, I sometimes use AI to answer your questions. If you provided a website during creation, try asking me about it! Next try giving me some more knowledge by setting up generative AI.

A minute ago

List the events in New York.

A minute ago

Here are the events happening in New York:

1. **Networking Event**

- **Date:** 2025-04-01
- **Description:** Exclusive networking opportunity for our premium customers.
- **Target Audience:** VIP Customers

2. **Product Demo**

- **Date:** 2025-04-01
- **Description:** A live demo showcasing product features and capabilities.
- **Target Audience:** VIP Customers

A minute ago

List the events in March 2025.

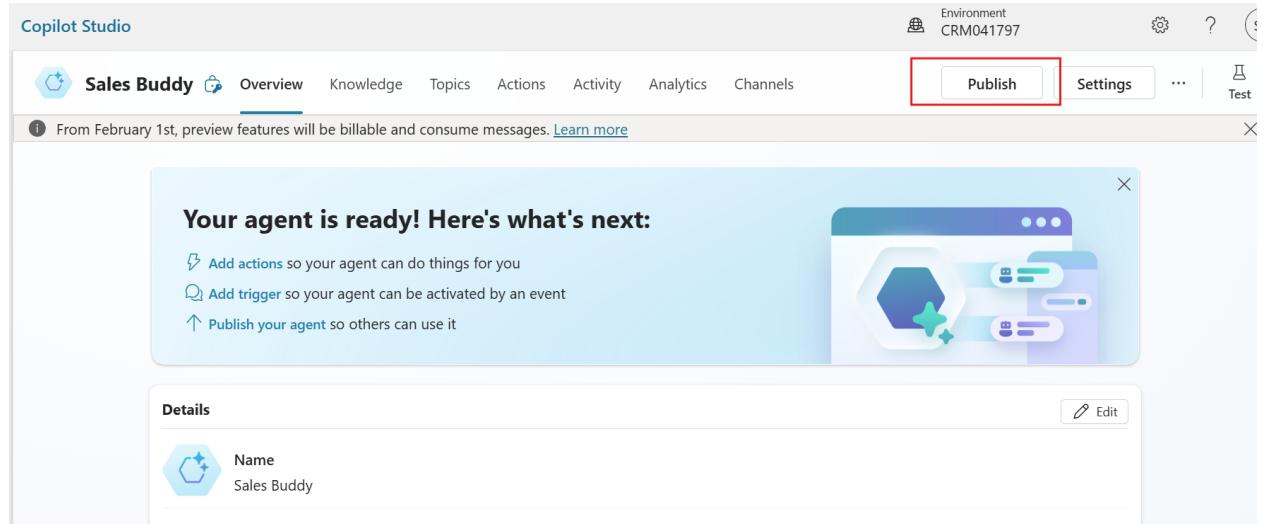
Just now

Here are the events happening in March 2025:

1. **Product Demo**

- **Date:** 2025-03-01
- **Description:** A live demo showcasing product features and capabilities.
- **Location:** Online

42. Click on **Publish** on top and in the pop-up window, click on **Publish** again.



Congratulations! You have completed Lab 1.

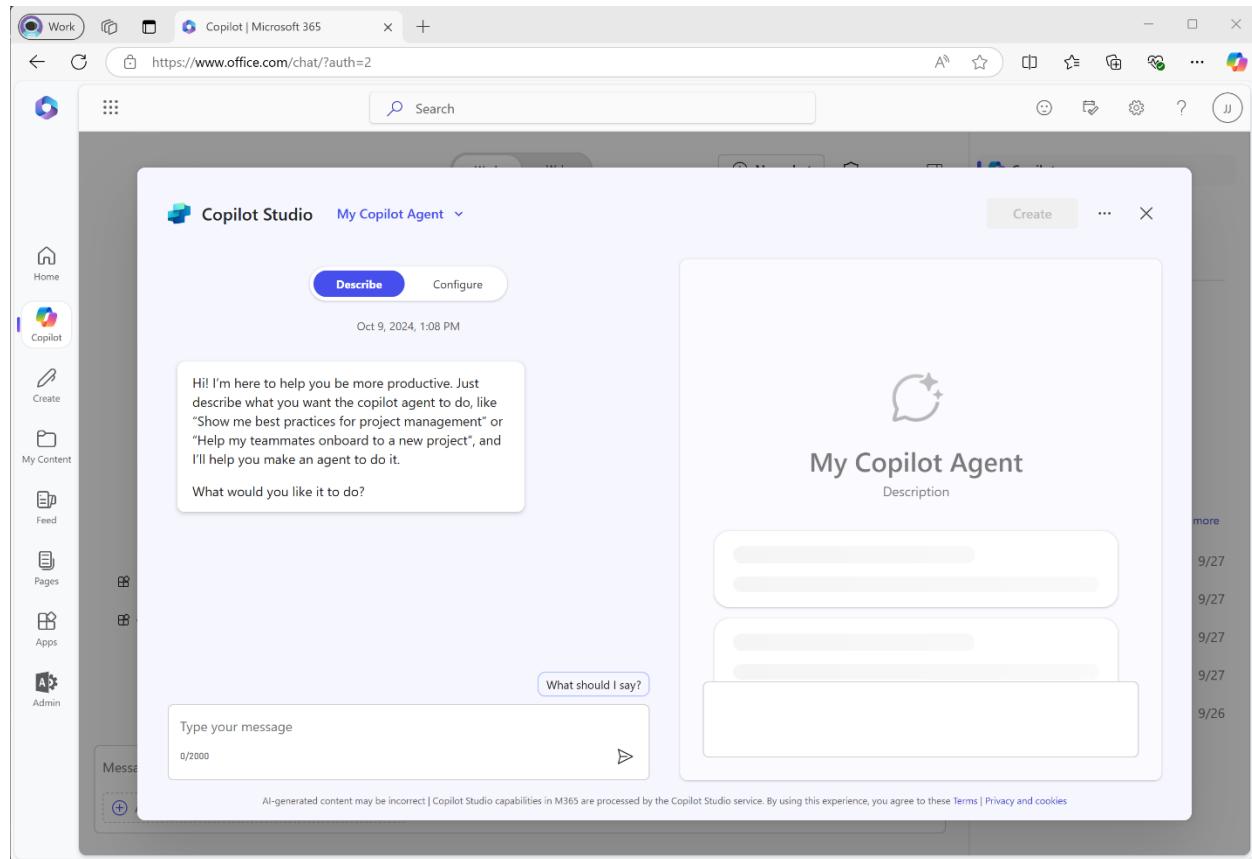
Appendix:

Microsoft 365 Copilot Chat – Copilot Studio Agent Builder

The Copilot Studio Agent Builder in Microsoft 365 Copilot Chat enables citizen developers to build agents for Microsoft 365 Copilot easily and quickly.

This additional guide demonstrates how to create an agent and add knowledge sources in Microsoft 365 Copilot Chat using the Copilot Studio Agent Builder.

If you need more advanced capabilities like Actions to integrate external services, we recommend that you use the full Microsoft Copilot Studio, which provides a comprehensive set of tools and features for more complex requirements.



Current Limitations

- Only web browsing, Microsoft Graph connectors, SharePoint sites, folders, and files can be specified as knowledge sources. You can upload your local folders and files into SharePoint.
 - In other words, Dataverse cannot be used as a knowledge source in Agent Builder.
- Actions in Agent Builder are not yet available.
- Agents created via Copilot Studio agent builder can't be used in Teams Chat.

Pre-requisites

- User account must be licensed for Microsoft 365.

- **! IMPORTANT:** Must meet one of the following criteria:
 - User account is licensed for Microsoft 365 Copilot.
 - If user account is not licensed for Microsoft 365 Copilot, Pay-As-You-Go (PAYG) billing is set up for Microsoft 365 Copilot Chat.
 - [Click here](#) for information on setting up PAYG for Copilot Chat.
- Copilot extensibility must be enabled for the user account to use the Copilot Studio Agent Builder in Microsoft 365 Copilot Chat.
 - [Click here](#) for information on enabling Copilot extensibility in the Microsoft 365 Admin Center.

Instructions

1. Navigate to Microsoft 365 Copilot Chat via [microsoft365.com/chat](#), [office.com/chat](#), or the Microsoft Teams desktop and web client.
 - Note: if you are licensed for Microsoft 365 Copilot, you can access Agent Builder via both the Work and Web options.
2. In the right rail, choose **Create an agent**.
3. Click on the **Configure** tab.
 - The Describe tab allows you to create an agent using plan language in a conversational interface. For this lab, we are going to skip to the Configure tab. Note that both tabs are in sync.
4. Configure the agent using the following information:
 - Name: Sales Buddy Lite
 - Description: The Sales Buddy Lite Agent provides information on sales processes, customer onboarding, and customer events.
 - Instructions: You provide information on sales processes, customer onboarding, and customer events.
5. Under **Knowledge**, click the **Browse** button to open the **Pick items** window.
6. Under **Quick Access** on the left, look for the SharePoint site where you uploaded the lab documents.
 - If your SharePoint site is not in the list, click **More places**. You should now see Shared libraries. If your lab site is still not visible, type its name into the search box in the top right of the Pick items window.
7. Select the “Contoso – Sales Documents” folder and the “contoso_customer_events.xlsx” Excel file, then click the **Select** button at the bottom right of the window to confirm.
8. Test the Sales Buddy Lite agent in the chat window on the right. If desired, make additional adjustments in **Configure**. Once you’re done configuring and testing your agent, click the purple **Create** button at the top right of the window to create it.
9. Select **Go to agent** to open a new chat with the agent in Microsoft 365 Copilot. You can easily return to chats with your agents from the right rail of Microsoft 365 Copilot.
10. To edit or share the Sales Buddy Lite agent:
 1. Navigate to Microsoft 365 Copilot chat.
 2. Click **Create an agent** in the right rail.
 3. In the top left of the Agent Builder window, click on the link in the **My Agents** breadcrumb menu with a downward facing caret (▼) beside it. Choose Sales Buddy Lite.

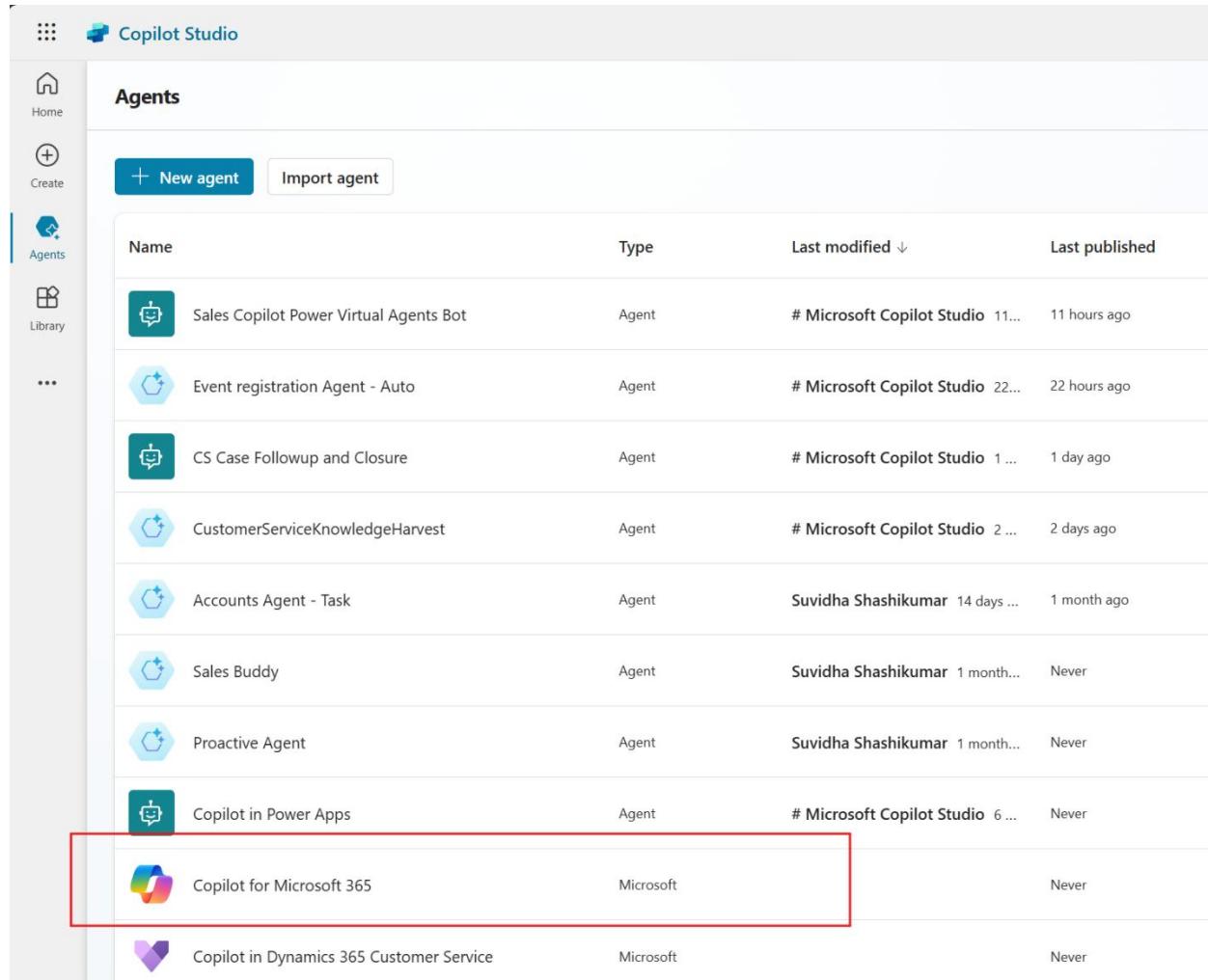
4. From here, you can update and/or share the agent.

- Note: When you share an agent, the people you share the agent with can use it, but they can't edit it. You can change the sharing option at any time by choosing the Share button at the top right corner.

Extend Microsoft 365 Copilot with Copilot Agents and Copilot Studio Actions

In Copilot Studio, click Agents. You will find first-party agents, like Microsoft 365 Copilot, listed in Copilot Studio by default. Yes, Microsoft 365 Copilot is an agent too! Click on **Copilot for Microsoft 365**.

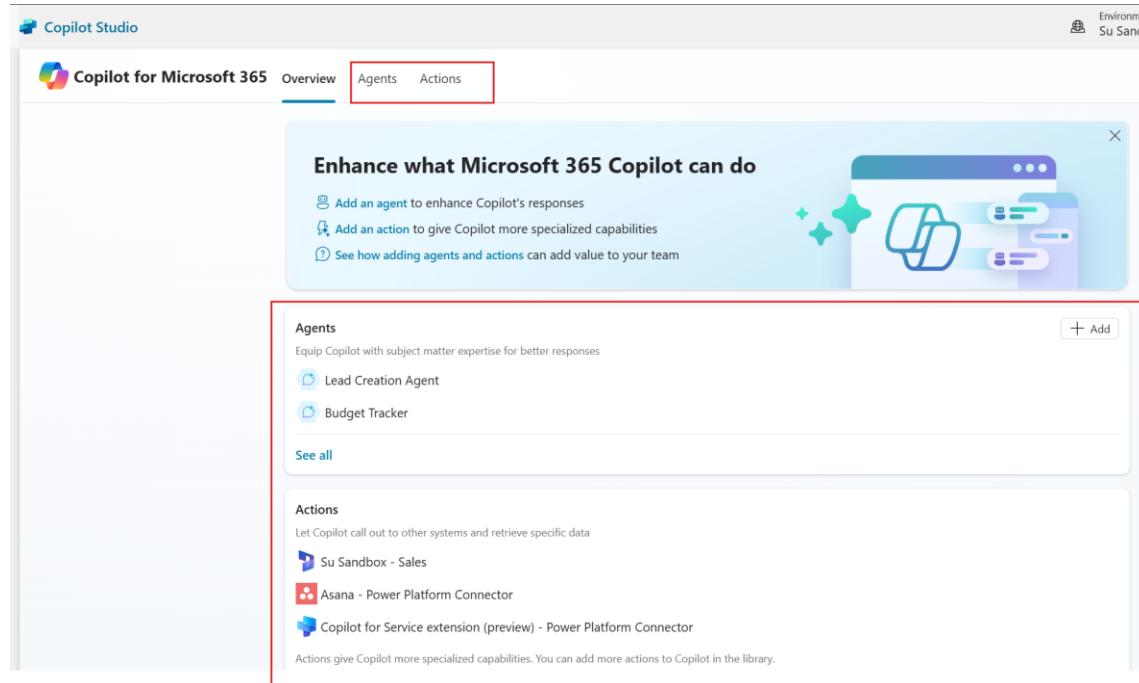
(Note: “Microsoft 365 Copilot” was formerly called “Copilot for Microsoft 365” and it has not yet been updated in Copilot Studio > Agents.)



The screenshot shows the 'Agents' section of the Copilot Studio interface. On the left, there's a sidebar with icons for Home, Create, Agents (which is selected and highlighted in blue), and Library. The main area has a header with 'Copilot Studio' and buttons for '+ New agent' and 'Import agent'. Below is a table listing agents:

Name	Type	Last modified	Last published
Sales Copilot Power Virtual Agents Bot	Agent	# Microsoft Copilot Studio 11...	11 hours ago
Event registration Agent - Auto	Agent	# Microsoft Copilot Studio 22...	22 hours ago
CS Case Followup and Closure	Agent	# Microsoft Copilot Studio 1 ...	1 day ago
CustomerServiceKnowledgeHarvest	Agent	# Microsoft Copilot Studio 2 ...	2 days ago
Accounts Agent - Task	Agent	Suvidha Shashikumar 14 days ...	1 month ago
Sales Buddy	Agent	Suvidha Shashikumar 1 month...	Never
Proactive Agent	Agent	Suvidha Shashikumar 1 month...	Never
Copilot in Power Apps	Agent	# Microsoft Copilot Studio 6 ...	Never
Copilot for Microsoft 365	Microsoft		Never
Copilot in Dynamics 365 Customer Service	Microsoft		Never

From here, you can create **Copilot agents** and configure **Actions** for Microsoft 365 Copilot.



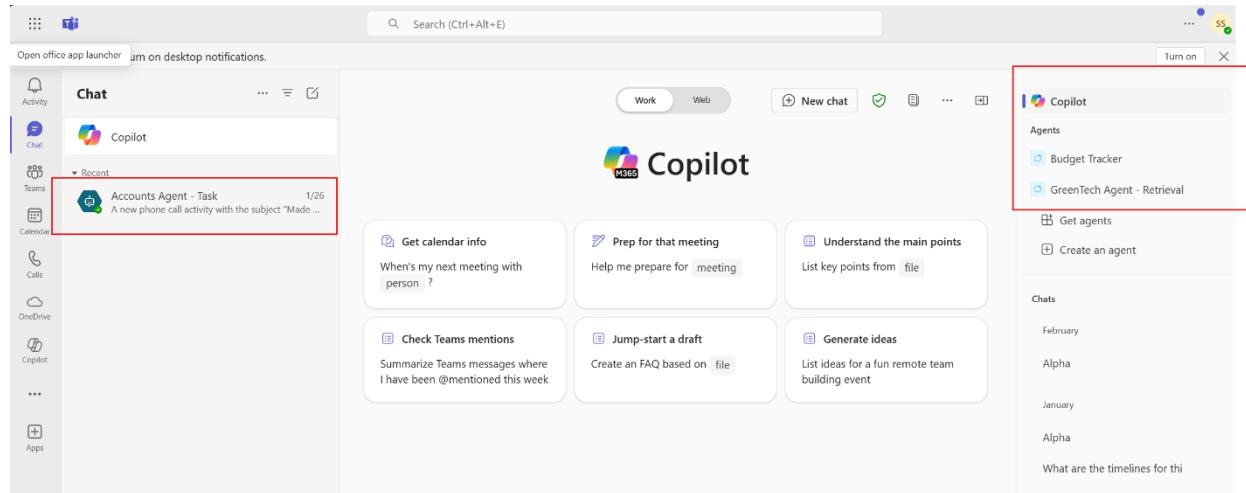
Copilot agents (formerly called “Extensions” – some documentation may still refer to Copilot agents as Extensions) are declarative agents that extend the functionality of Microsoft 365 Copilot. When you create a Copilot agent, integration with Microsoft 365 Copilot is already taken care of. However, they are less customizable than custom agents. Some key limitations include:

- Copilot agents cannot be published to any channels outside of Teams + Microsoft 365 Copilot.
- Topics cannot be configured directly in a Copilot agent (they must be configured through Conversational Actions).
- Some connections (e.g. Dataverse) cannot be connected directly to a Copilot agent (they must be configured through Connector Actions).
- Copilot agents do not appear in the Copilot Studio Agents list.

For more information on Copilot agents, [click here](#).

Note: Copilot agents are not the only type of agent that can be accessed from Microsoft 365 Copilot! Custom agents, built in Copilot Studio, can also be used in Microsoft 365 Copilot.

Some configuration is required for a custom agent to appear not only under Chats (as highlighted below, on the left) but also in the Agents menu on the right of Microsoft 365 Copilot (also highlighted below). For detailed instructions, see the **Lab 4 Guide** titled “Publish the Sales Buddy Agent to Microsoft 365 Copilot Chat”.)



You can further extend Microsoft 365 Copilot with Copilot Studio actions (formerly called “Plugins” – some documentation may still refer to actions as “Plugins”).

(Note: Copilot Studio actions are a *completely* different, separate solution from the similarly-named [Microsoft 365 Copilot Actions](#), which are currently in limited private preview.)

The following action types are available:

Action Type	Description
Conversational	A conversational action built in Microsoft Copilot Studio enables you to extend your agent's behavior. You can create new abilities that aren't natively in Microsoft 365 Copilot, like calling a specific API, applying sophisticated business logic, or accessing data sources that require configuration outside of Microsoft 365 Copilot's access. These abilities are configured similarly to a standard topic in Copilot Studio.
Connectors	Connector actions are used within Microsoft Dataverse to connect to other data sources. When created, the connector includes specific component actions that can be used with the connector. It's possible to use Microsoft-certified connectors or custom connectors created within an organization or tenant. Custom connectors let your action retrieve and update data from external sources accessed through APIs. Connectors make it possible to access data from popular enterprise systems such as Salesforce, Zendesk, MailChimp, and GitHub. Connectors are routinely used by makers in their Power Apps and flows.
Flows	Microsoft Power Automate cloud flows can be called from an agent to perform actions, retrieve information, and automate processes across other apps and data sources using connectors. Flows can be called from within a Microsoft 365 Copilot chat to perform actions or retrieve information across the user's environment.
Prompts	Prompts are AI prompt templates created to customize the generation of text content in relation to user input. These templates can be used for various scenarios like summarization, action items, sentiment or entity extraction, translating text and much more. In addition, you can add your own Dataverse data to augment knowledge sources and get business specific answers. Prompts

enable your users to use natural, plain language to get answers and perform actions with Microsoft Copilot. They use natural language understanding (NLU) to understand a user's intent and map it to an associated piece of information, data, or activity.

Click [here](#) for more information on Copilot Studio actions, and [here](#) for Copilot Studio actions architecture.