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BUILD YOUR OWN AGENT WITH COPILOT STUDIO

Daniel Laskewitz
Microsoft



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Introduction – Daniel Laskewitz

🥑 Senior Cloud Advocate @ Microsoft

🚀 Power Platform Expert

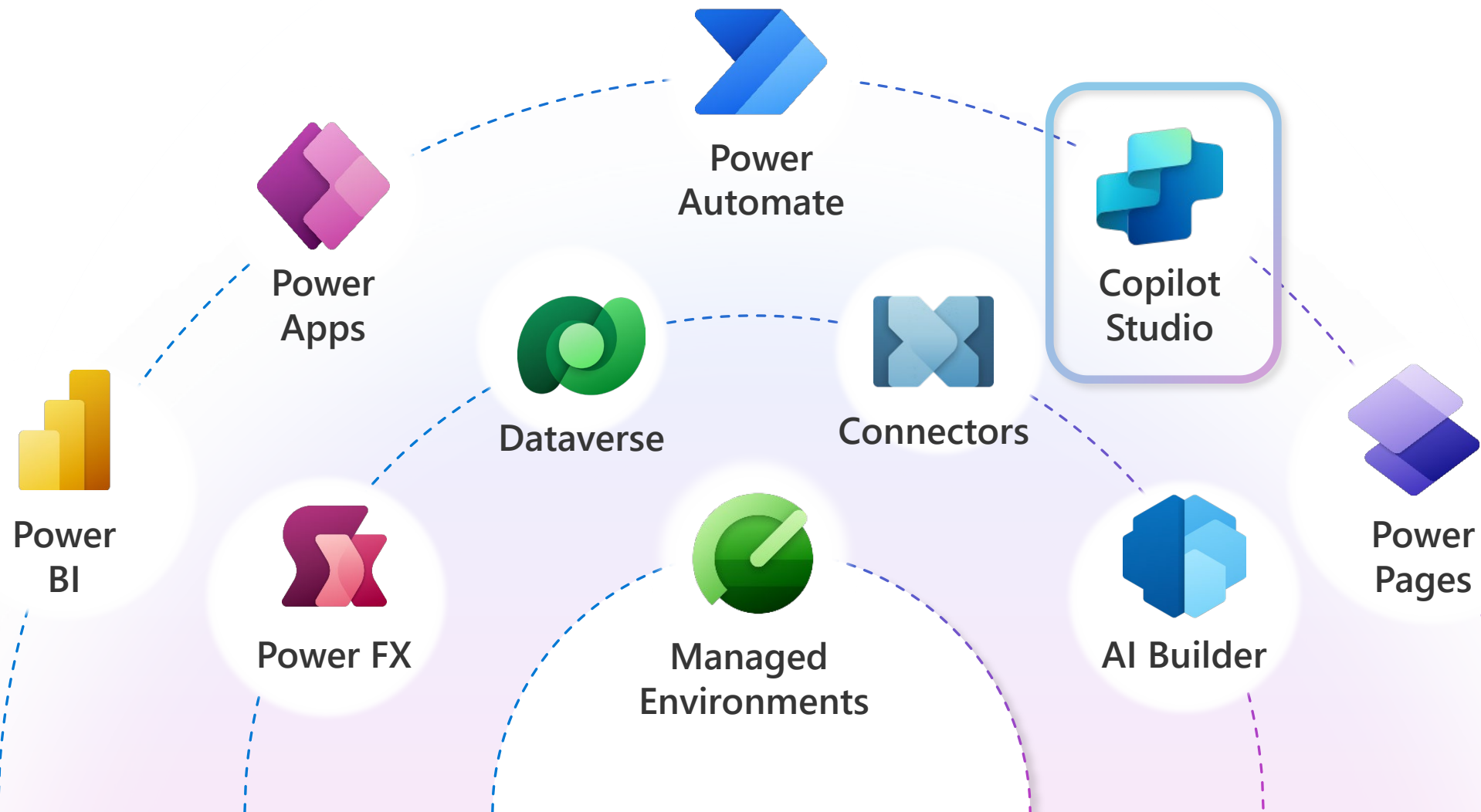
⚽ Fan of Ajax Amsterdam

💻 Maintainer of Power Platform libraries
on GitHub



Microsoft Power Platform

AI-Enabled Low-Code Platform



Microsoft Copilot Studio

Build your own agent

Create and publish an agent for your organization using the intuitive building experience enhanced with large language models and Generative AI

Extend Microsoft Copilot

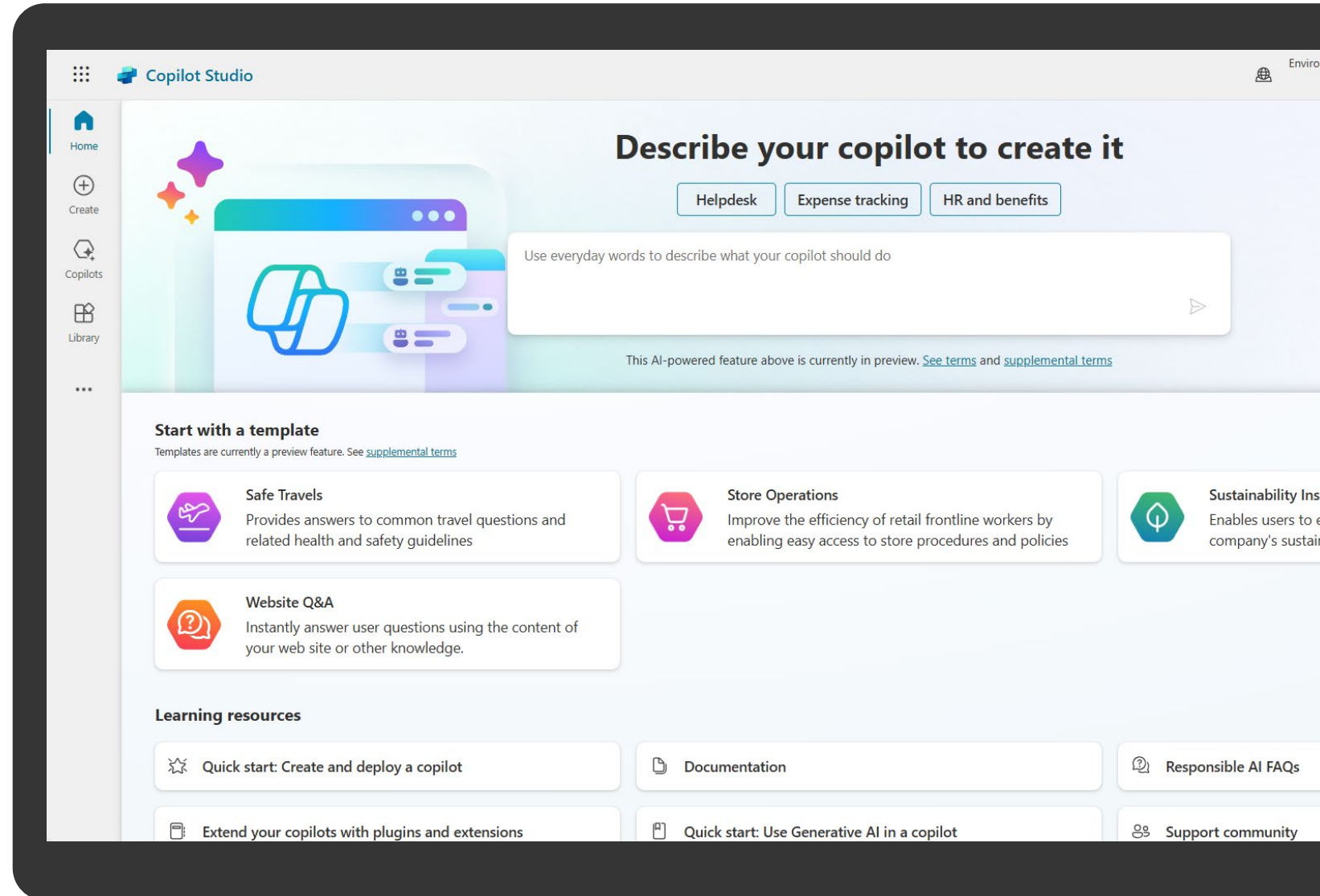
Extend and customize 1st party Microsoft Copilots with your own enterprise scenarios with your own enterprise scenarios

Available with Microsoft Copilot

Copilot Studio will be included with the Microsoft 365 Copilot SKU.

Connected platform

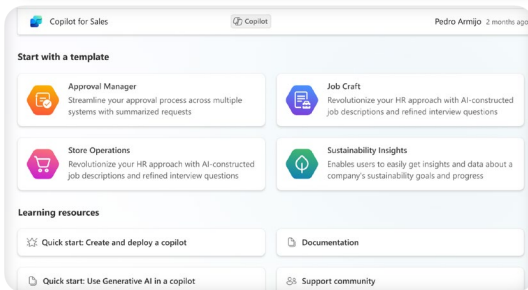
Integrates and exposes various Microsoft's conversational AI technology stacks - integrated with Azure AI Studio, Azure Cognitive Services, Azure Bot Framework, Power Platforms AI models and more



Build the way you want

Preview

Templates

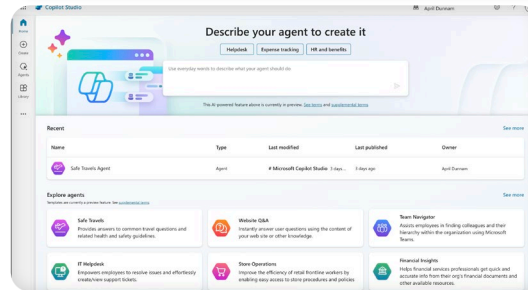


Get started quickly

Choose from a diverse set of pre-built scenarios across popular industries and functions.

Preview

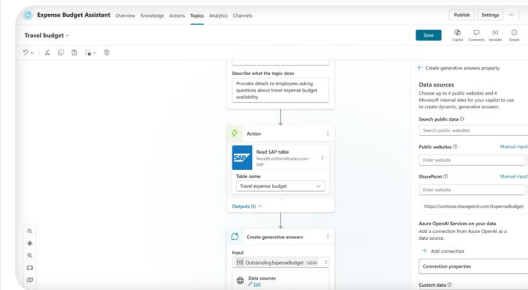
Natural language



Build conversationally

Build agents by engaging in a conversational, natural, human-like experience.

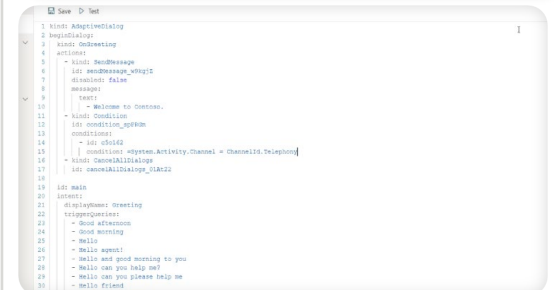
Visual canvas



Navigate a modern UX

Design your conversation by following the low code graphical interface.

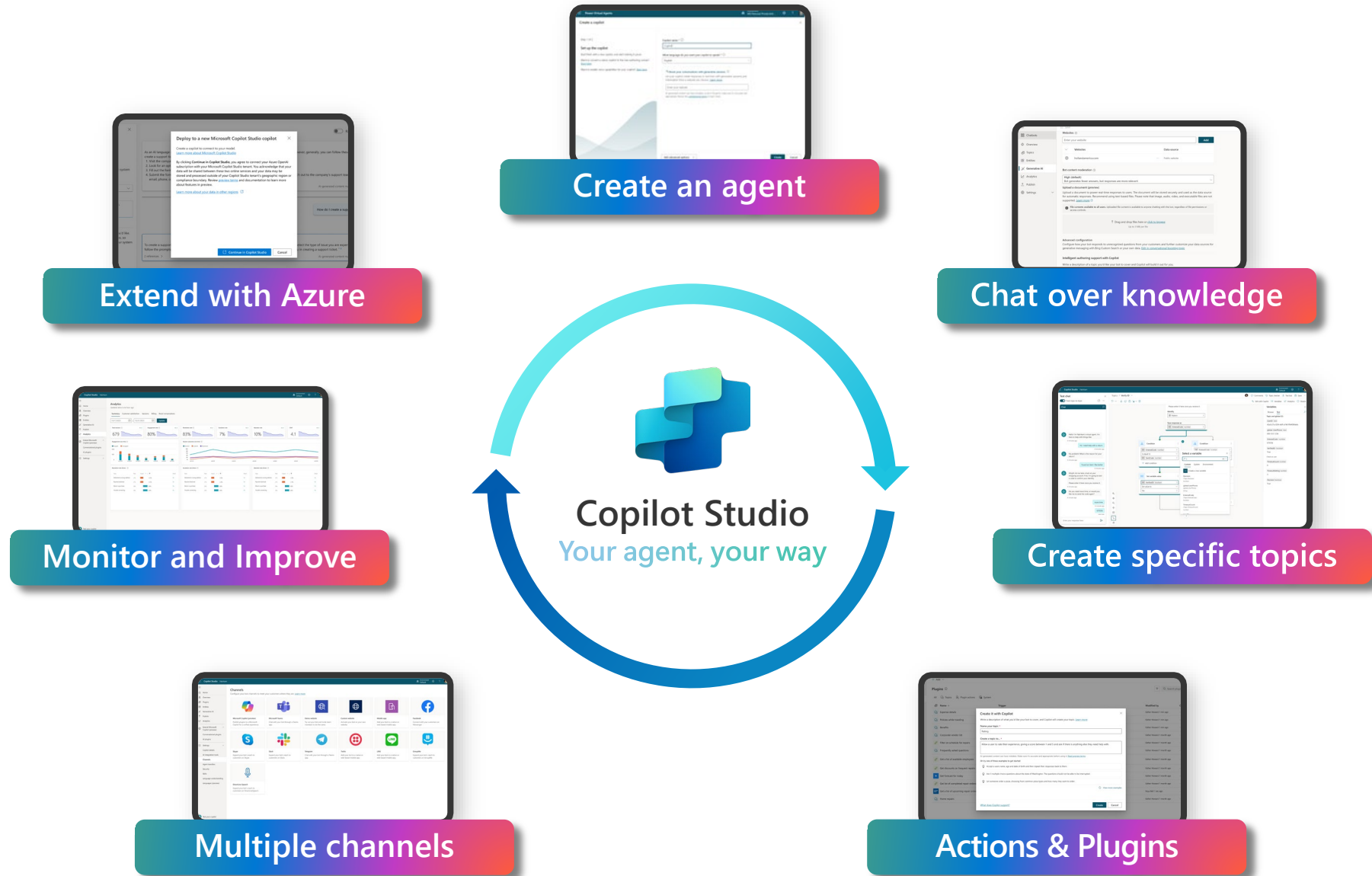
Code



Switch to YAML

Share and re-use topic logic between developers and agents in a side-by-side view.

The agent lifecycle



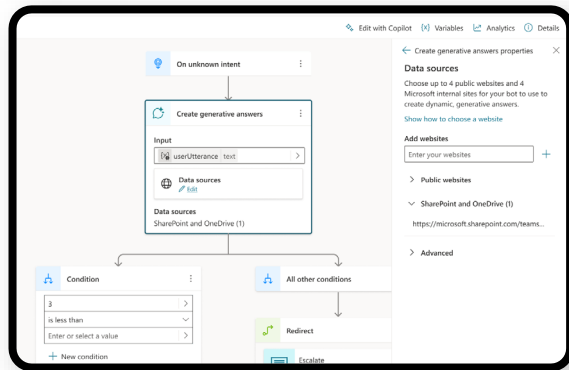
Create an agent that can chat over your data

Generative Answers

Enable multi-turn chat over your own internal and external knowledge sources and sites with generative answers

Agents can answer thousands of questions out of the box in seconds

You can even pull data from an API or other backend system and enable generative chat over it



The screenshot shows the 'Safe Travels Copilot' interface in Copilot Studio. The 'Knowledge' tab is active, displaying a table of knowledge sources. The table has columns for Name, Type, Last modified, and Status. A single entry is shown: 'US Travel Website' of type 'Public website', last modified by 'Daniel Laskewitz' 43 seconds ago, with a status of 'Ready'.

Name	Type	Last modified	Status
US Travel Website	Public website	Daniel Laskewitz 43 seconds ago	Ready

Try now at aka.ms/copilotstudio

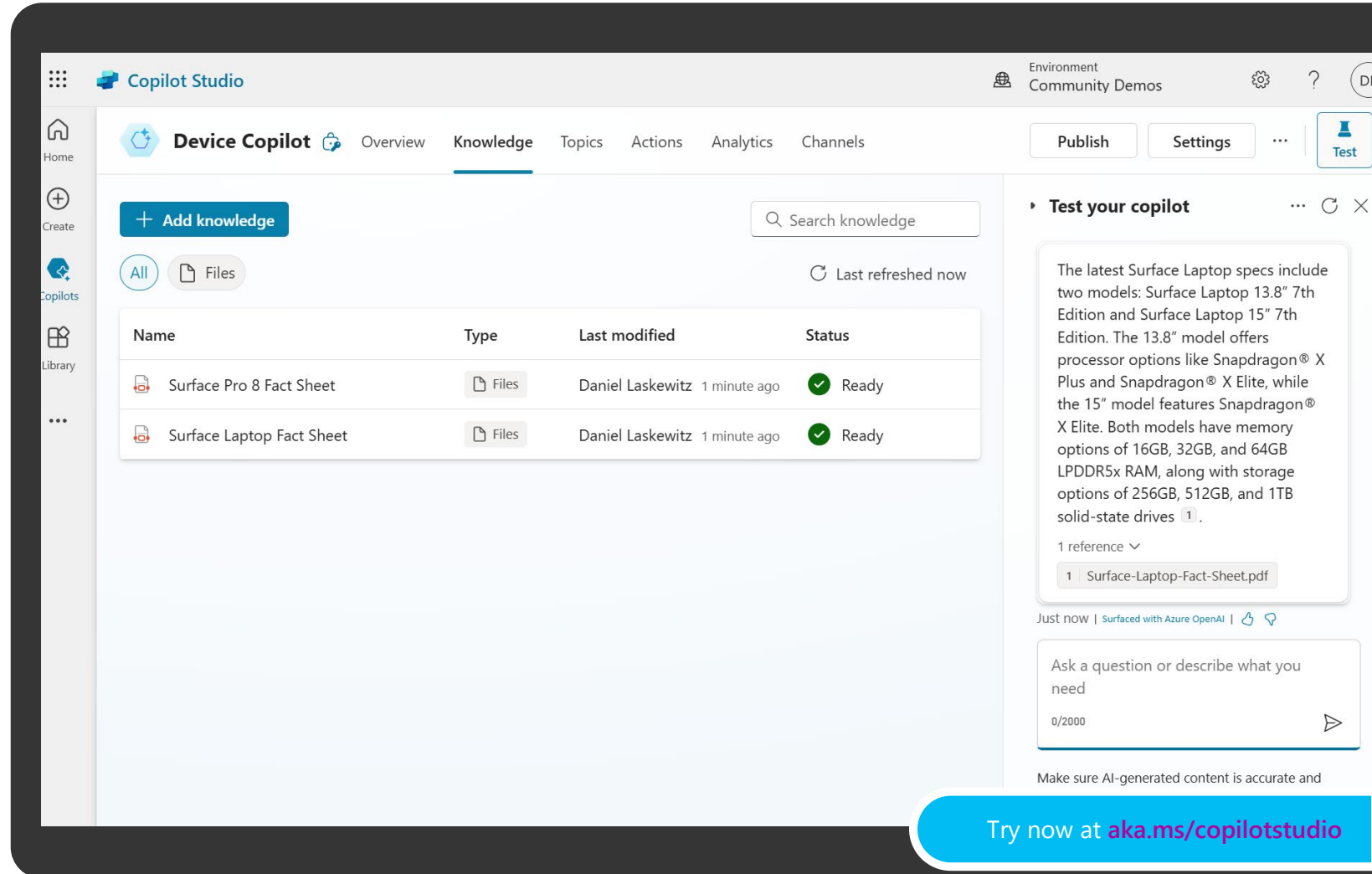
File Upload for Generative Answers

Upload files for use with Generative Answers to Dataverse securely

Text-based documents hosted and indexed for use with Gen Answers

Support for numerous formats such as Word, Excel, PowerPoint, PDF, TXT, HTML, CSV, XML, EPUB, RTF, JSON, and many more

Node-level control



The screenshot displays the Copilot Studio web interface. The top navigation bar includes 'Home', 'Create', 'Copilots', and 'Library'. The main header shows 'Device Copilot' with tabs for 'Overview', 'Knowledge' (selected), 'Topics', 'Actions', 'Analytics', and 'Channels'. A search bar labeled 'Search knowledge' is present. Below the header, there's a section for 'Add knowledge' with 'All' and 'Files' filters. A table lists the uploaded knowledge items:

Name	Type	Last modified	Status
Surface Pro 8 Fact Sheet	Files	Daniel Laskewitz 1 minute ago	Ready
Surface Laptop Fact Sheet	Files	Daniel Laskewitz 1 minute ago	Ready

On the right, the 'Test your copilot' section shows a generated answer about Surface Laptop specs, including processor options (Snapdragon X Plus and X Elite), memory (16GB, 32GB, 64GB), and storage (256GB, 512GB, 1TB). A reference is listed: 'Surface-Laptop-Fact-Sheet.pdf'. At the bottom right, a blue button says 'Try now at aka.ms/copilotstudio'.

DEMO:

Create an agent that can chat over your data

Generative Actions

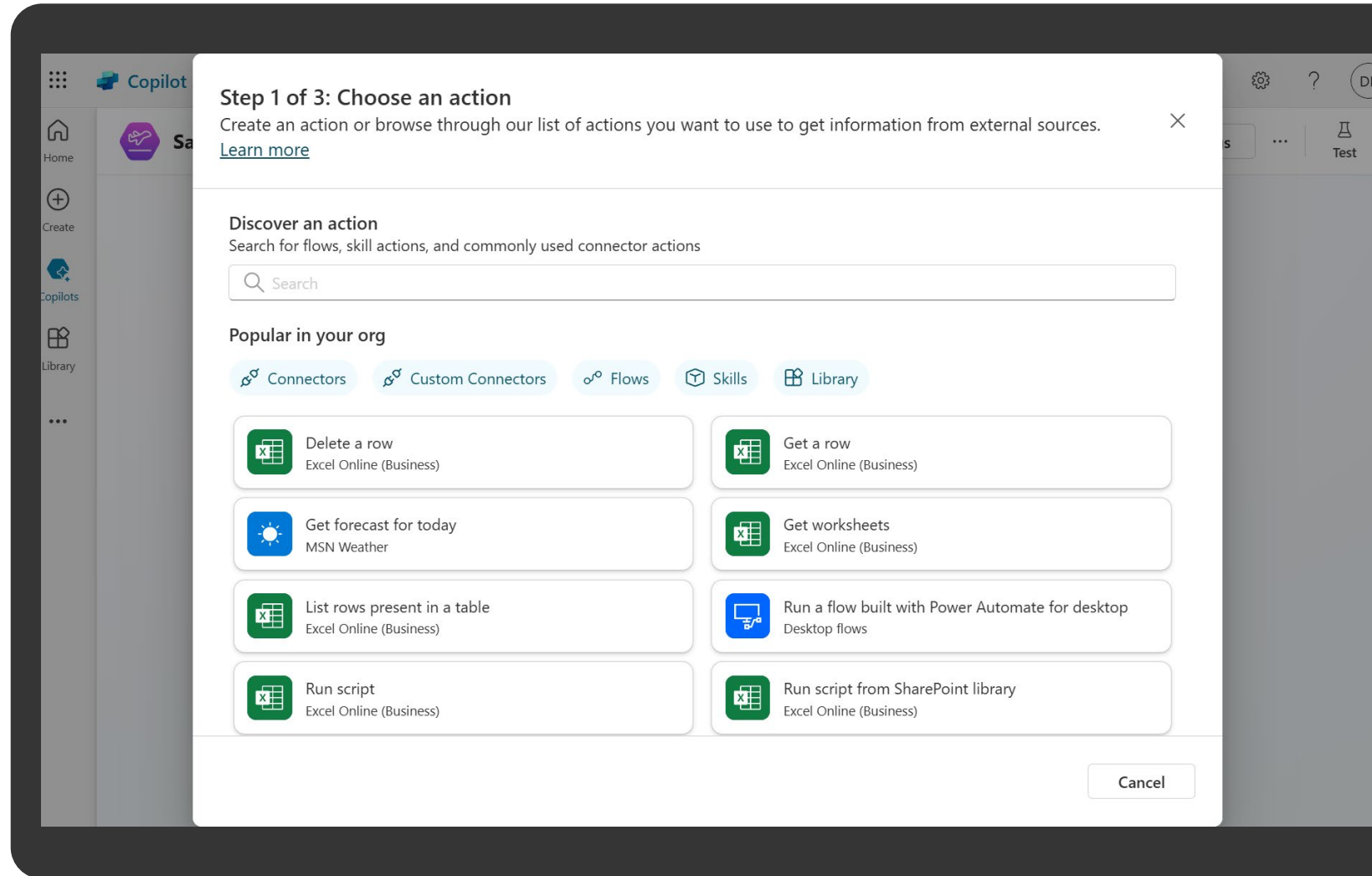
Actions and Plugins

Add plugins to allow your agent to converse over your APIs

Add plugins based on 1000+ pre-built connectors or create ones for your custom APIs. Or combine them together in complex workflows.

Conversation is automatically generated to fill in required inputs to run plugins.

Call a plugin explicitly from a Topic or use the new Generative Actions public preview to let your agent choose when to call a plugin.



DEMO:

Create a specific topic for your agent in Copilot Studio

Extend Copilots

Microsoft 365 Copilot Plugins



Prompt plugins

What?

Prompt plugins enable you to generate content with AI and call them via Microsoft 365 Copilot

Examples

Summarize a long text and extract bullet points, tasks or other useful content

Create a prompt that helps to moderate user-generated content



Conversational plugins

What?

Conversational plugins enable you to build a topic about a subject and call them via Microsoft 365 Copilot

Examples

Get data from SAP via plugin actions so that users can also get data from backend systems

Use generative actions to let Copilot answer questions on public websites, SharePoint and more...



Connector plugins

What?

Connector plugins enable you to connect with APIs through Microsoft 365 Copilot

Examples

The ServiceNow connector plugin can list incidents via Copilot for Microsoft 365

The Salesforce connector plugin can list, and filter leads and accounts via Copilot for Microsoft 365



Flow plugins

What?

Power Automate flow plugins enable you to call automations through Microsoft 365 Copilot

Examples

Create an approval and send the adaptive card via Teams

Create content based on a prompt and send an approval

DEMO:

Create an agent in Microsoft 365 Copilot

Autonomous Agents

Autonomous agents

Independently begins work based on autonomous triggers

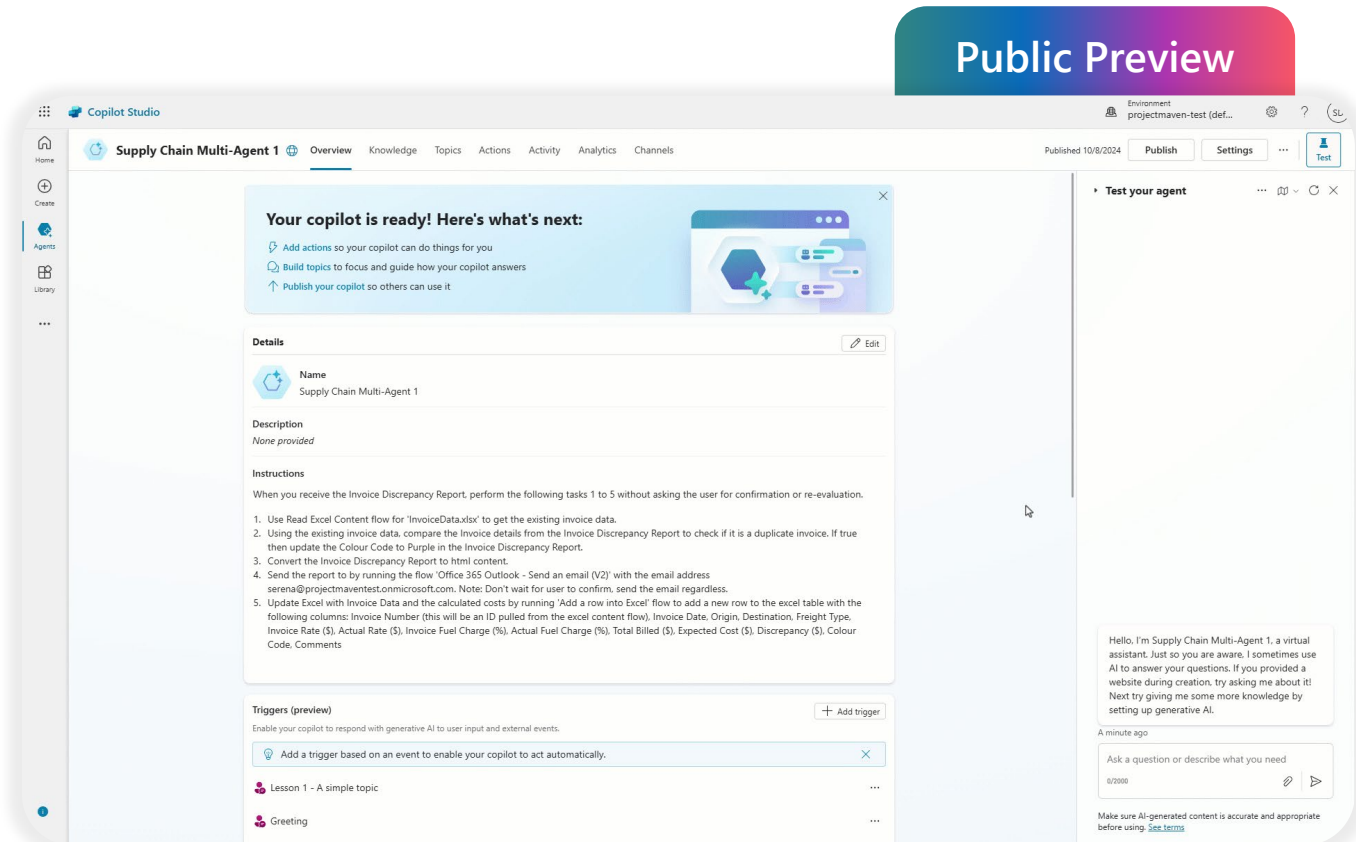
Automates long running processes

Dynamically reasons over its capabilities

Learns and improves

Follows human guard rails and asks for help

Orchestrate other agents



Resources

Try Microsoft Copilot Studio

aka.ms/trycopilotstudio

Copilot Studio Snippets

aka.ms/copilot-studio-snippets

Prompt Library

aka.ms/ai-builder-prompts

Implementation Guide

<https://aka.ms/copilotstudioimplementationguide>

AI Builder prompting guide

aka.ms/promptguide