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Integrate Azure AI Search indexes  
as knowledge sources



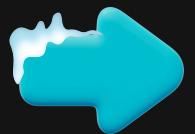
MONTHLY MASTERY

# FEATURE-A-DAY

with Copilot Studio



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# Azure AI Search index

## What is it?

Azure AI Search Index is a powerful **cloud-based search service**, enabling you to ingest, index, and search large-scale datasets.

Think of it as a smart librarian that:

- Organizes structured and unstructured data into searchable content.
- Uses AI-driven capabilities like for enhanced relevance.
- Provides APIs to integrate search functionality seamlessly into your applications.



Within Copilot Studio, these indexes become valuable sources of knowledge, enabling your AI models to retrieve accurate, contextually relevant information during interactions.



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# AI Search as knowledge Prerequisites

**Azure Subscription.** Access to the [Azure portal](#) with sufficient permissions.

**Azure AI Search Resource.** A deployed [Azure AI Search](#) instance in your subscription.

**Indexer Setup.** Configured [indexers](#) with indexed data ready for querying.

**API Key.** [Access credentials](#) for your Azure AI Search resource.



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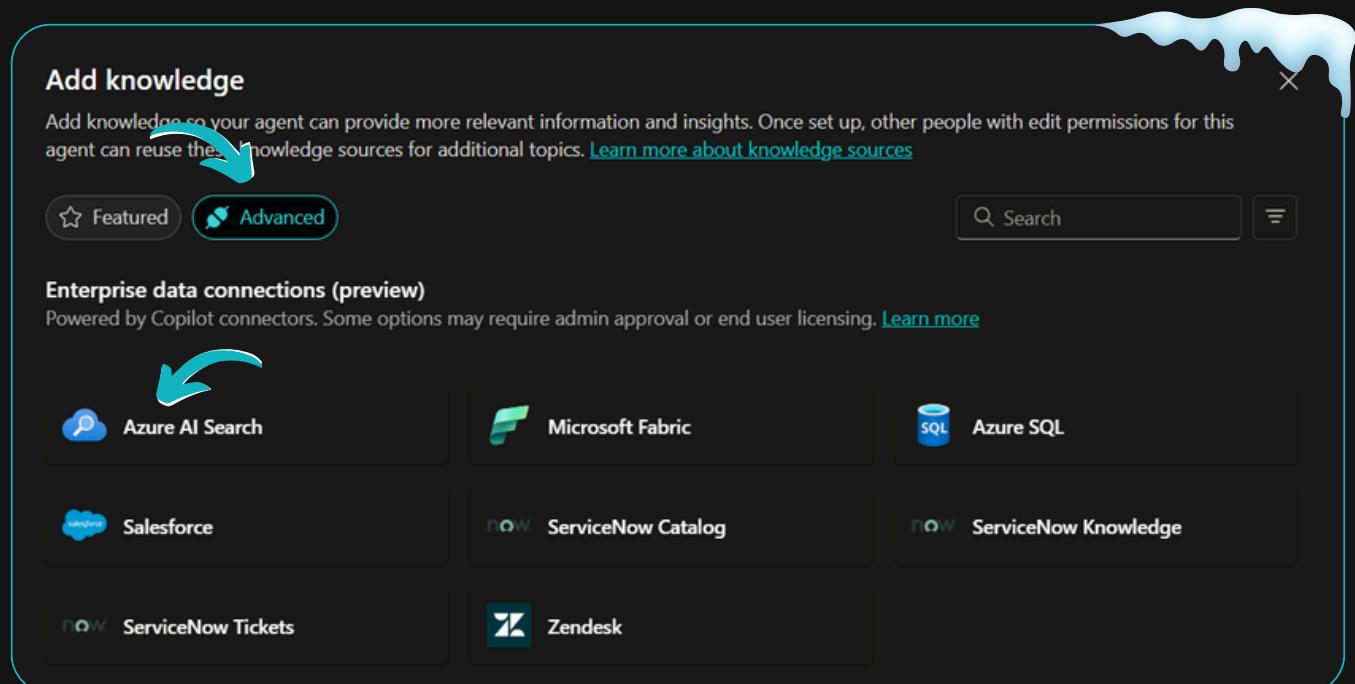


# AI Search as knowledge

## Add to agent

In your agent click on **+ Add knowledge** and navigate to **Advanced** tab.

Select **Azure AI Search** connection.



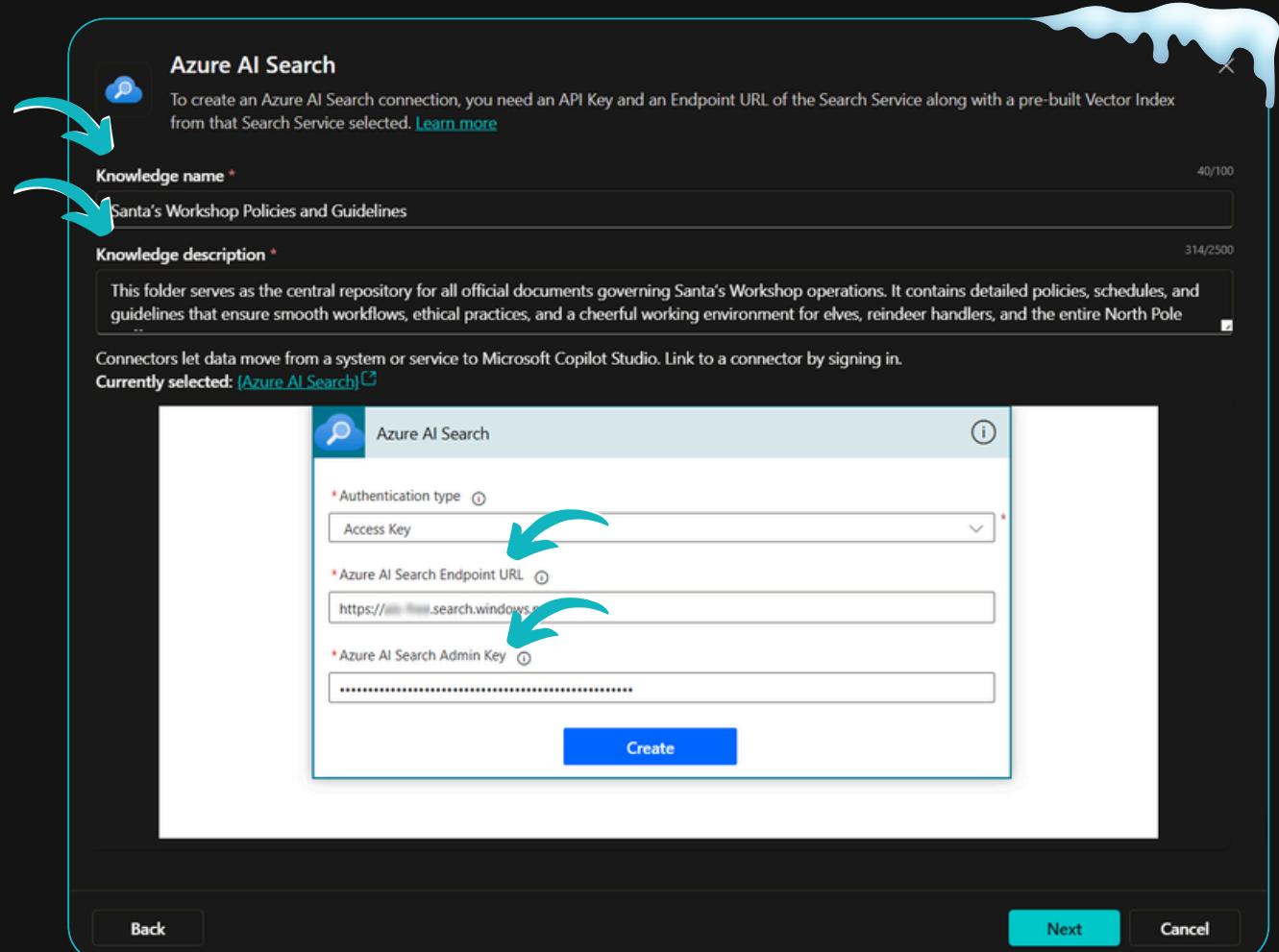
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# AI Search as knowledge

## Add to agent

Provide your Azure AI Search [Endpoint URL](#) and [API Key](#).  
Once you are ready, click [Next](#) and add your index.



you must [create vectorized indexes using integrated vectorization](#)



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# AI Search as knowledge

## Check the status

Once the connector is added, it shows up in the **Knowledge** tab with a status of **In progress** while metadata is being indexed. When indexing is complete, the status changes to **Ready**, and you can start testing the knowledge source.

The screenshot shows the Copilot Studio interface with a dark theme. The top navigation bar includes 'Copilot Studio', 'Environment DEV', and tabs for 'Overview', 'Knowledge' (which is active), 'Topics', 'Actions', 'Activity', and '+2'. Below the tabs is a search bar with 'Search knowledge' and a timestamp 'Last refreshed now'. On the left, there's a sidebar with 'Home', 'Create', 'Agents', 'Library', and a '...' button. The main content area displays a table with columns: Name, Type, Last modified, and Status. There are two rows:

Name	Type	Last modified	Status
Santa Workshop employee Break Policy...	Dataverse	Katerina Chernevskaya 2 hours ago	In progress
JingleBot - Azure AI Search	Azure AI Search	Katerina Chernevskaya 29 seconds ago	Ready



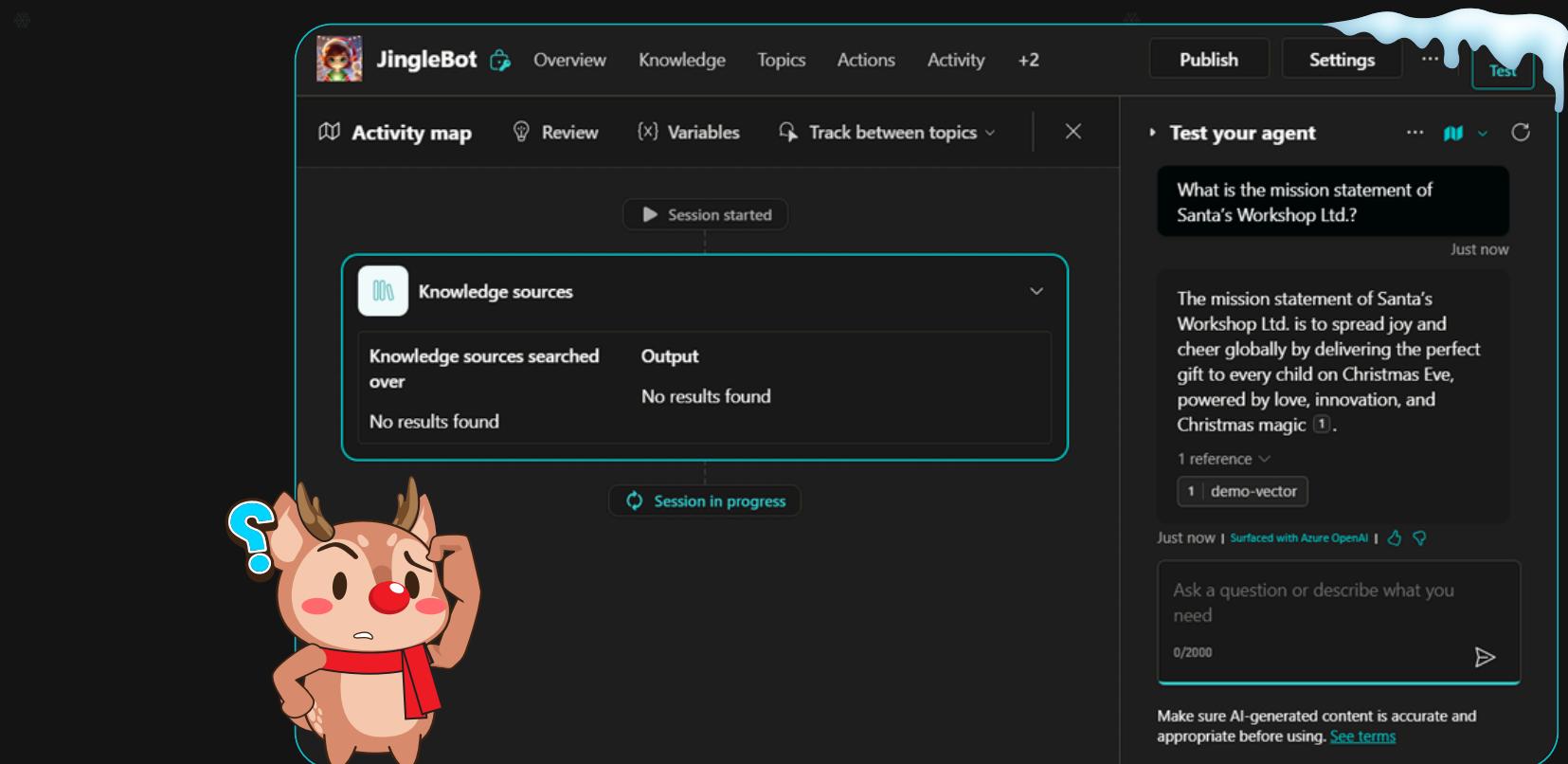
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# AI Search as knowledge

## Test the new knowledge

**Test** the integration by running a sample query in Copilot Studio.



Sometimes, the AI Search decides to stay behind the scenes, like a shy elf at Santa's workshop. It might not show up in the activity tab or Outputs, but don't worry—it's still working hard in the background to deliver responses based on your indexed data. 🎅



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# AI Search as knowledge

## Test the new knowledge

During testing, you can verify that proper **references** were called by reviewing the files and citations cited by the agent.

The screenshot shows a user interface for an AI search or knowledge management system. At the top, there is a header with the text "demo-vector". On the right side of the header are buttons for "Settings", "Test" (which is highlighted), and three dots. Below the header, there is a section titled "agent" with a dropdown menu and a "Test" button. A message card is displayed, asking "What is the mission statement of Santa's Workshop Ltd.?". The message was sent "2 minutes ago". The main content area contains a large block of text describing the mission statement of Santa's Workshop Ltd., mentioning its commitment to spreading joy through innovation, teamwork, and unwavering dedication. It also discusses the principles, structure, and guiding values of the company, such as Article 1: Mission Statement, Article 2: Vision, Article 3: Values, Article 4: Organizational Structure, and the role of Santa Claus (Chief Executive Officer). The text is presented in a monospaced font and includes several URLs and file paths at the bottom. On the right side of the interface, there is a vertical sidebar with some icons and text, including "Surfaced with Azure OpenAI" and a "Test" button.



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# DataVERSE as knowledge Benefits

## Enhanced context

Provides rich, relevant, and contextual answers by tapping into indexed knowledge.

## Scalability

Supports vast datasets, scaling seamlessly with your business needs.



## Customization

Tailor indexes to specific business domains for precise AI behavior.

## AI optimization

Enriches your AI's understanding and ensures grounded, accurate outputs.



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# Today's Task: Add AI Search as Knowledge



## 1. Set up an Azure AI Search Index

Use the Azure portal to create and populate an index with your own data.

## 2. Integrate with Copilot Studio

Follow today's guide to connect your index as a knowledge source.

## 3. Experiment with queries

Test your integration by asking complex questions in Copilot Studio and analyzing responses.



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