

Build your own copilot with Microsoft Copilot Studio

Ricardo de Souza Low-code technology specialist





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Em caso de dúvidas ou questões acesse nosso site (Power Platform Connect) https://microsoft.github.io/powerplatformconnect/

Agenda

Understanding the landscape

Microsoft Copilot ecosystem

Building custom copilots

- Copilot Studio overview
- Design and AI features
- Patterns for generative Al
- Extend and integrate
- Secure and govern

Responsible AI

Next steps





Understanding the landscape



The opportunity for conversational Al



80% of enterprise applications

will embed a virtual conversational assistant to fulfill content fetching and content generation tasks by 2025. ¹



\$80 billion reduction

in agent labor costs by using conversational artificial intelligence deployments within contact centers by 2026.²



80% of Conversational Al

offerings will have embedded Generative AI by 2025.¹

Bend the curve on innovation

Optimize business processes

Enrich customer and employee experiences

Improve efficiency & time to value

Reduce development costs & risks

Source:

^{1. 2023} Gartner® - The Impact of Generative AI on the Conversational AI Market
2.2022 Gartner - Forecast Analysis: Hyperautomation Enablement Software, Worldwide





The opportunities for your business with conversational Al







Enrich employee experiences

Optimize business processes

Improve efficiency & time to value







Bend the curve on innovation

Reinvent customer engagement

Reduce development costs & risks

Building conversational AI has traditionally been challenging



Budget & time constraints



Infrastructure & resource hosting



Product & technical onboarding



Integration with business systems

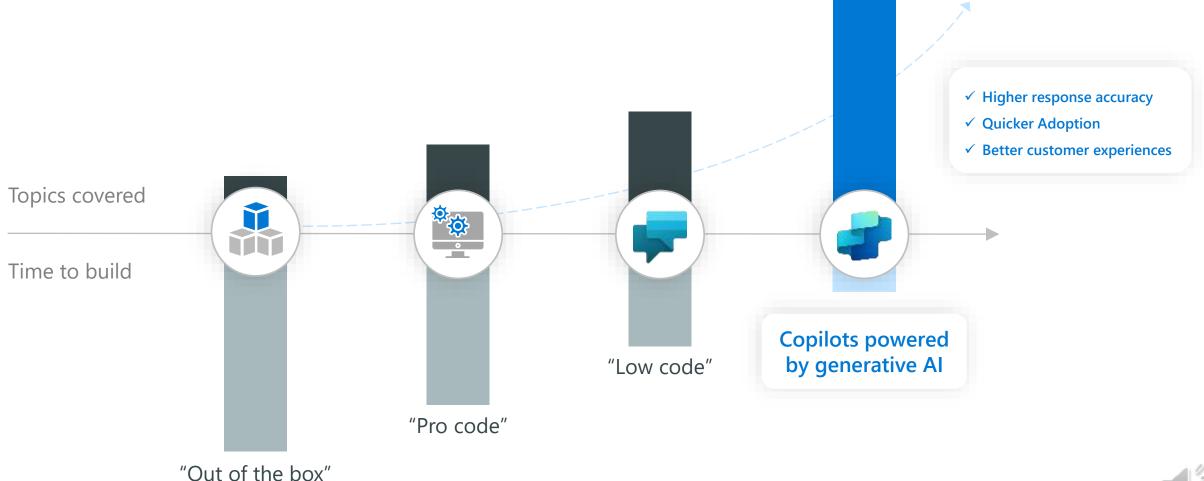


Security & compliance risks



Maintaining content

Welcome to a new era of building conversational AI





What is a copilot?

An experience using generative AI and large language models to assist humans with complex cognitive tasks.

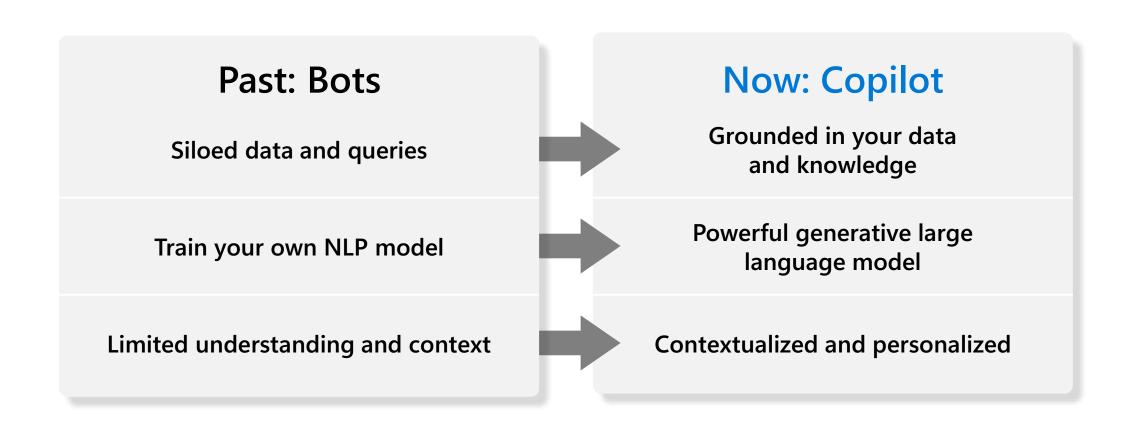
Chat using natural language (and code)

You determine, guide, and approve the output

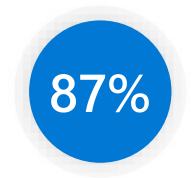
Its value increases with complexity

Build an Al assistant to help

Copilot: Intelligent AI assistants that use generative AI and large language models to assist humans with complex cognitive tasks.



Combining low code development with AI is a game changer



CIOs & IT professionals say that increased embedded AI into low code platforms would help them maximize the technology¹



of CIOs will leverage in-house developers and tools that use GenAl and low code/no code, as they and LOB developers build competitive differentiation through custom apps by 2026 ²

Bend the curve on innovation

Optimize business processes

Enrich customer and employee experiences

Improve efficiency & time to value

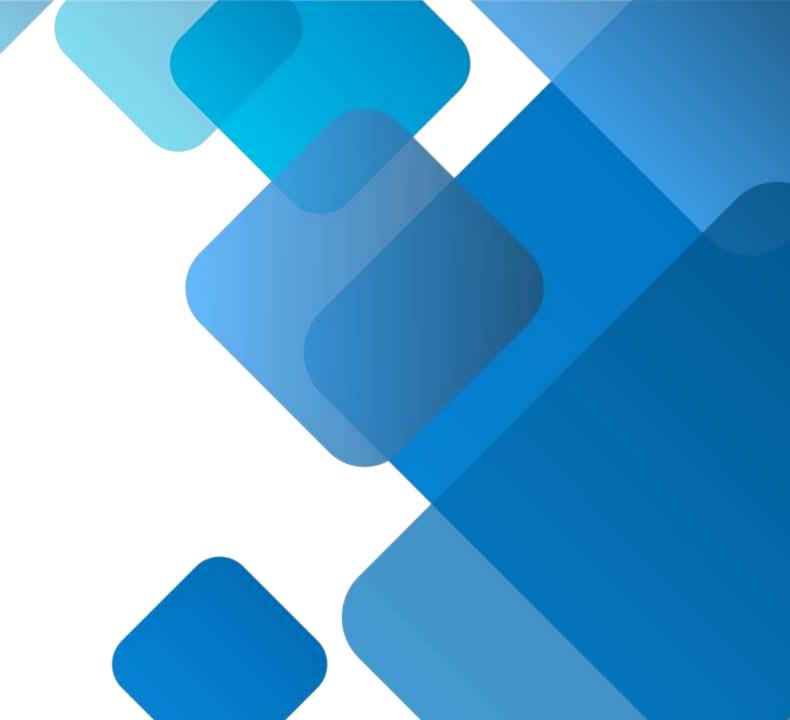
Reduce development costs & risks

^{1.} Source: Gartner® Press Release ,Gartner Identifies the Top Strategic Technology Trends for 2022, October 18, 2021. GARTNER is a registered trademark and service mark of Gartner, 2nc. and/or its affiliates in the U.S. and internationally and is used herein with permission. All rights reserved.

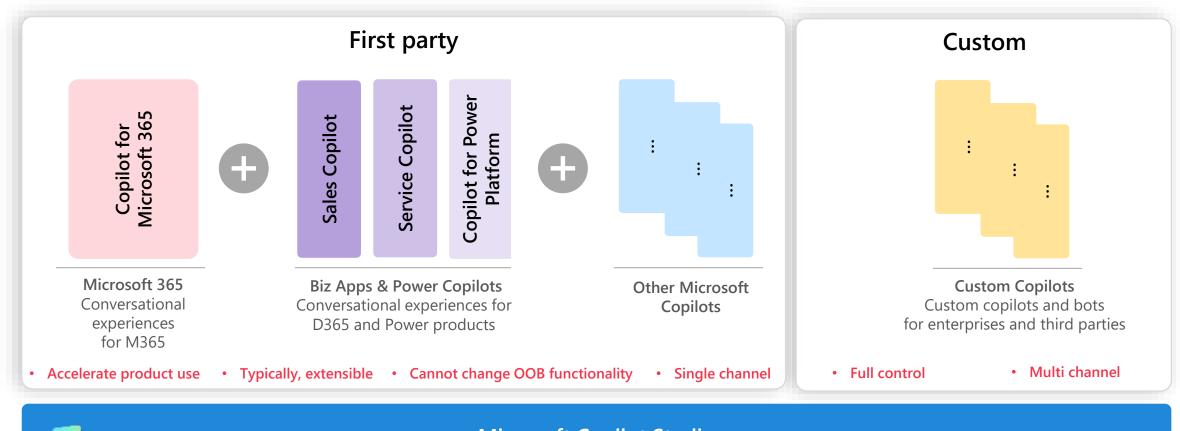
^{2.} Source: IDC, IDC FutureScape: Worldwide CIO Agenda 2024 Predictions (Doc Document number:# US51294523, October 2023)

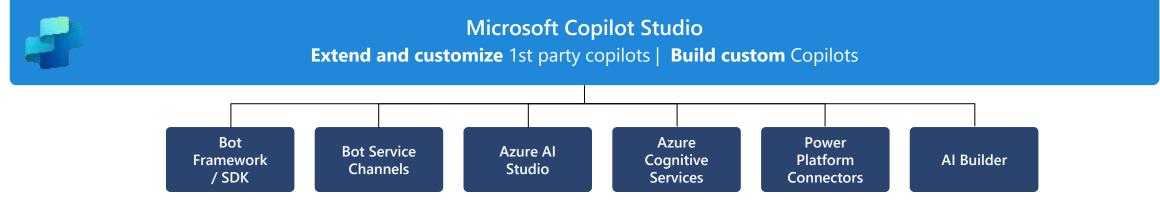


Microsoft Copilot ecosystem

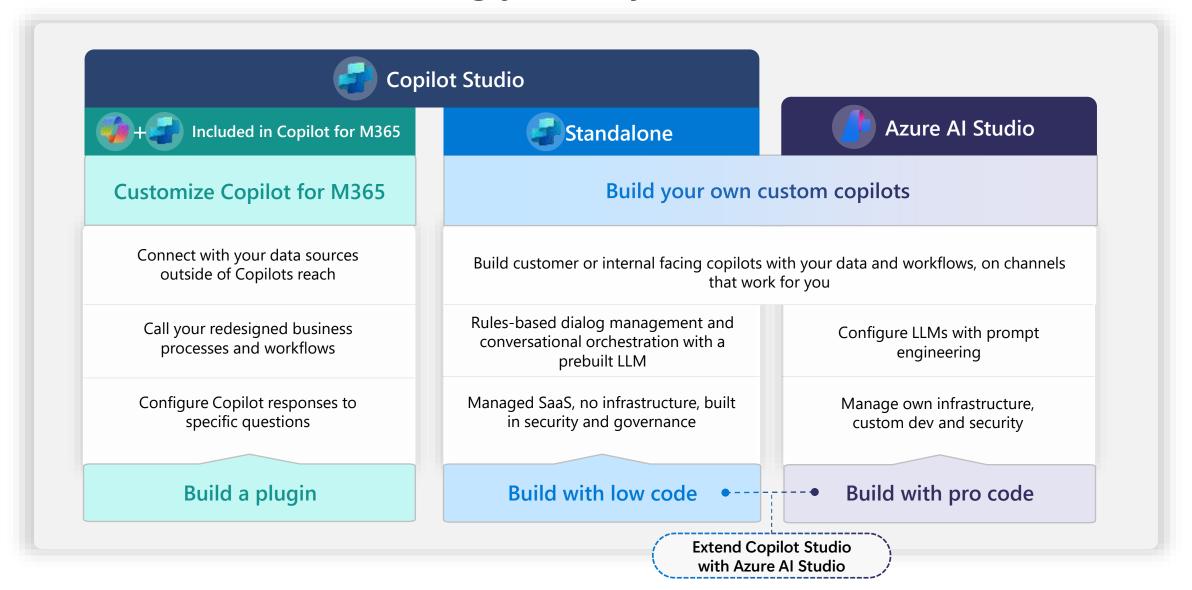


Microsoft Copilot types



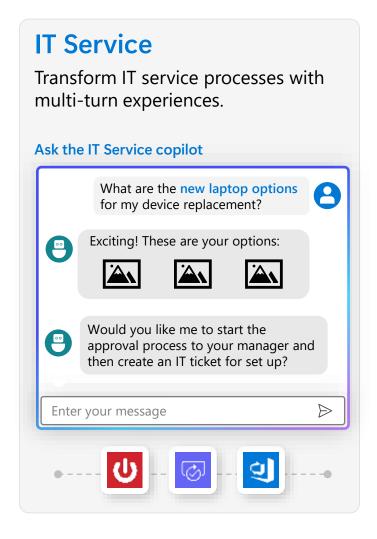


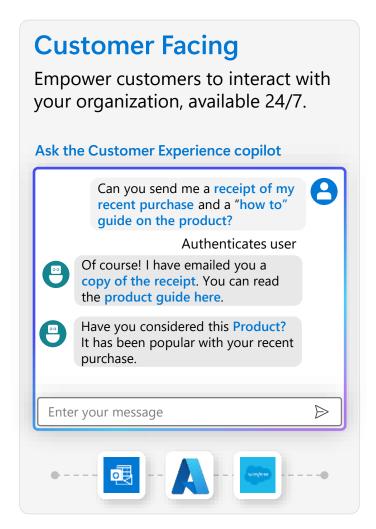
Different building journeys for different needs

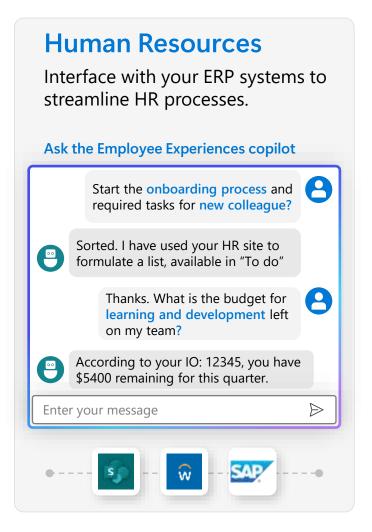




Build a custom copilot, examples to bring to life

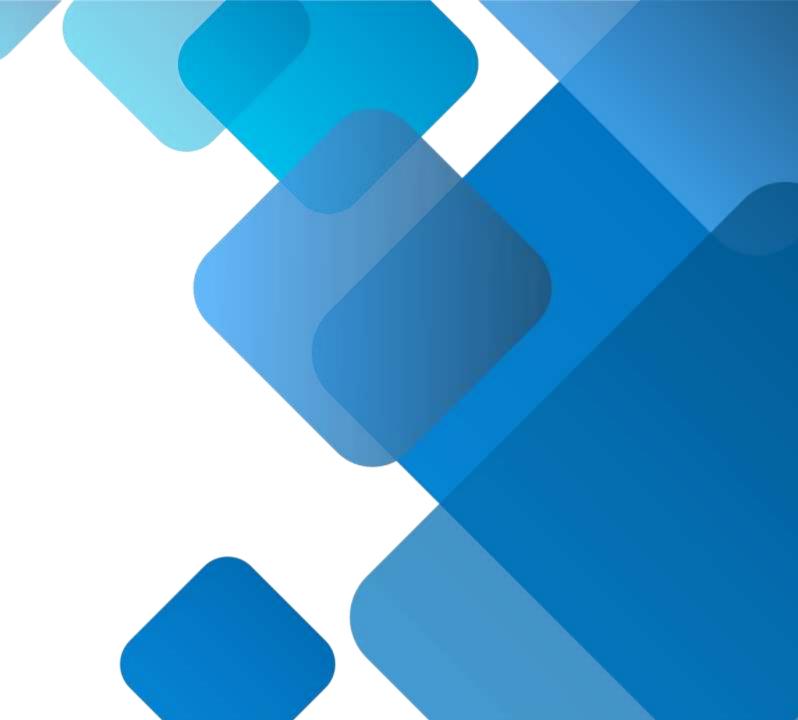








Building custom copilots



Copilot Studio overview

Microsoft Copilot Studio

Build your own copilot

Create and publish a custom copilot for your organization using the intuitive building experience enhanced with large language models and generative Al

Customize Microsoft Copilot

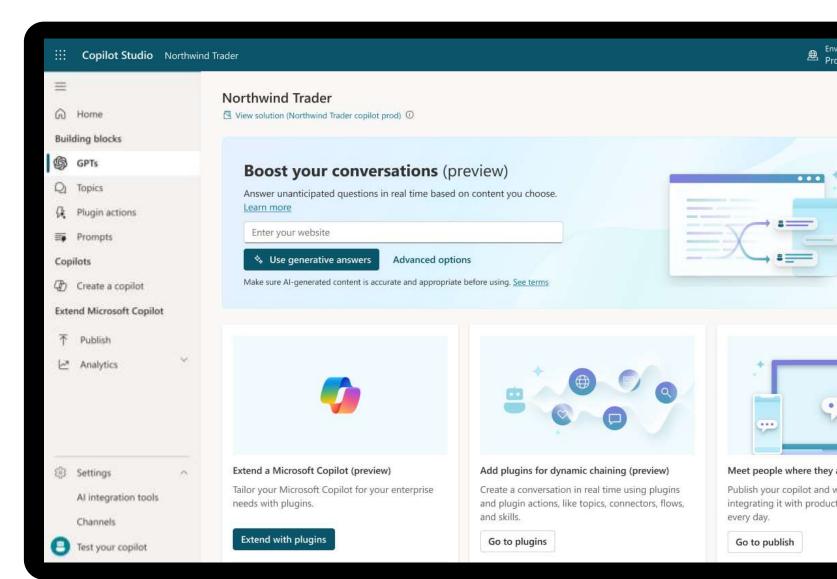
Extend and customize 1st party Microsoft Copilots with your own enterprise scenarios. Copilot Studio will be included with the Microsoft 365 Copilot SKU.

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

Manage copilot experiences

Governance and control features to monitor usage with full visibility of customizations, standalone copilots as well as who is building and customizing them.



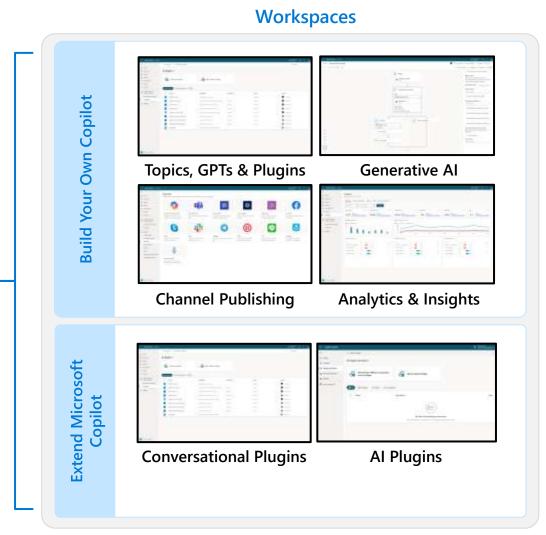
What's in Copilot Studio?



Copilot Building Studio

Use the **new studio** to create, test and deploy conversational copilots.

Including advanced capabilities of Azure Bot Framework natively in Copilot Studio.





Admin Studio

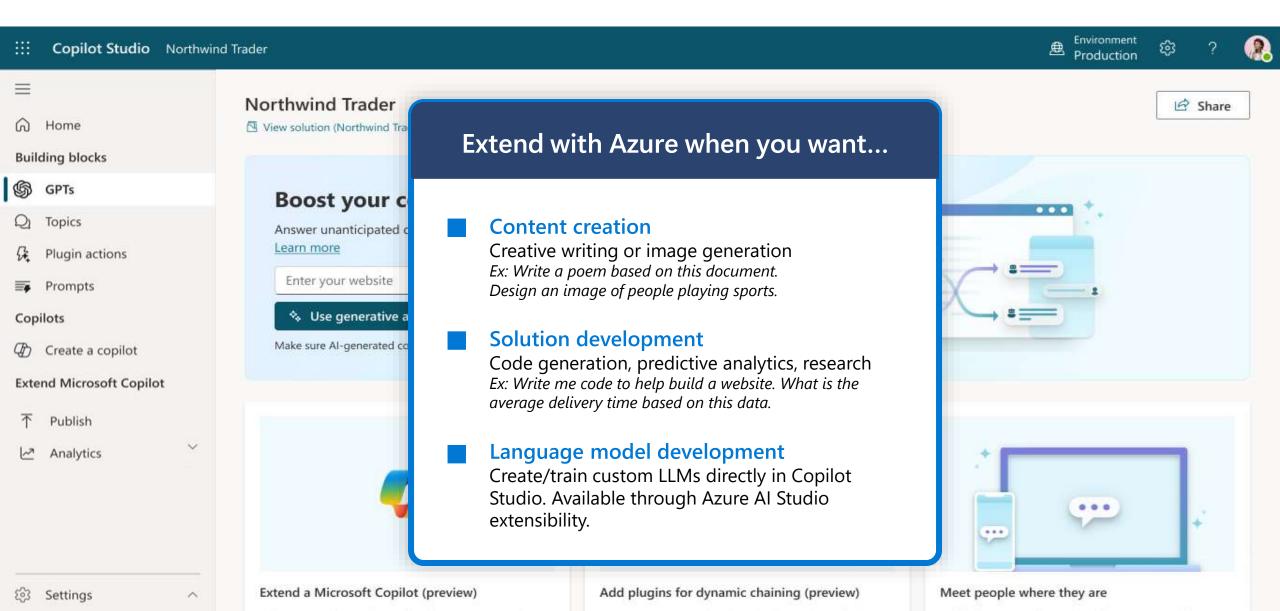
Deploy copilots securely using central administration, built-in security roles, and simple management across environments to maintain compliance and governance.

Copilot Studio Core Capabilities

Available for both Copilot Studio standalone and Copilot Studio for M365 | Only available for Copilot Studio standalone

Intuitive UX	Visual canvas	Low code design	Pro code views	Real-time testing	Easy collaboratio	n Natural to build	language
Conversation Design	Build + publish custom plugins	Tailor specific topics	Create rich + dynamic responses	Multi-language	Multi-channel		
Conversation Orchestration	Multi-turn conversations	Logic / variable management	Escalate to live agent	Multi-LLM routing	Dynamic content based on user	:	
Data Connectivity	Al Builder prompts	1,200 pre-built data connectors	Generative answers	Power Automate flows	Generative action	าร	
Pro-Dev Extensibility	DIY gen Al	Bring your own Model (BYOM)*	Custom Azure Bot Framework Skills	Knowledge base extension	Custom Analytics	Azure app telemetry	
Streamlined Management	Responsible Al checks	Trusted platform	Admin center	Compliance standards	Analytics	ALM automation	Custom authentication

Copilot Studio boundaries





Build automated conversations with ease



Create your copilot

Get started in minutes with no infrastructure set up required



Connect your knowledge base

Use your current FAQ sites and files to activate generative answers



Integrate your data and workflows

Use connectors, plugins, GPTs, prompts & Power Automate flows



Create rule-based topics

Design specific curated topics with full control



Customize with conversational services

Integrate with Azure Al Studio and more



1



2

Publish your copilot

Choose from multiple channels and modalities (text and voice)



Learn and improve

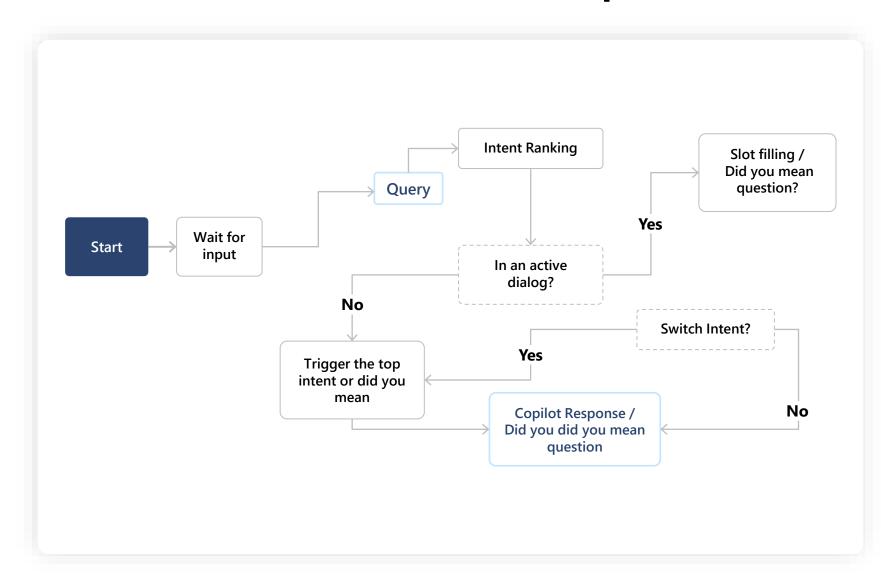
Review out-of-the-box telemetry





Standard AI features

Standard NLU model in Copilot Studio



Fundamentals

- New transformer-based NL model – Dual Transfer Encoder (DTE)
- Enhanced intent triggering with entities
- Slots and entities

Authoring

- Topic 'confusion' tool
- Multi-turn topic suggestions
- Regex entities

Continuous Copilot improvements

- Intent triggering auto-improvement from live traffic
- Topic suggestion from live traffic such as URL, CSV, DOCX, PDF
- Proactive slot filling
- User context aware, personal and dynamic conversations

Intent recognition

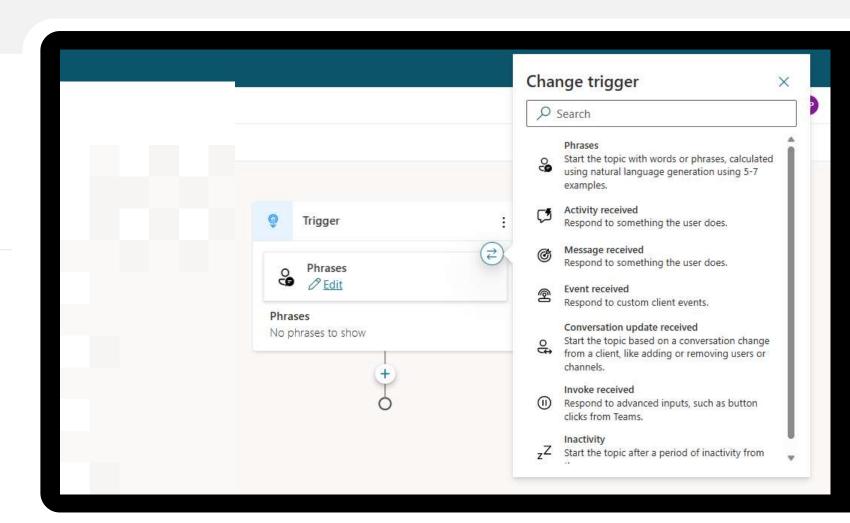
For a topic, you'll define a few trigger phrases

Trigger phrases capture the way a customer might ask for help

Example: "problem with weeds in lawn"

You only need to provide a few sample phrases

The AI will parse whatever the user says and trigger the topic closest in meaning to the user utterance

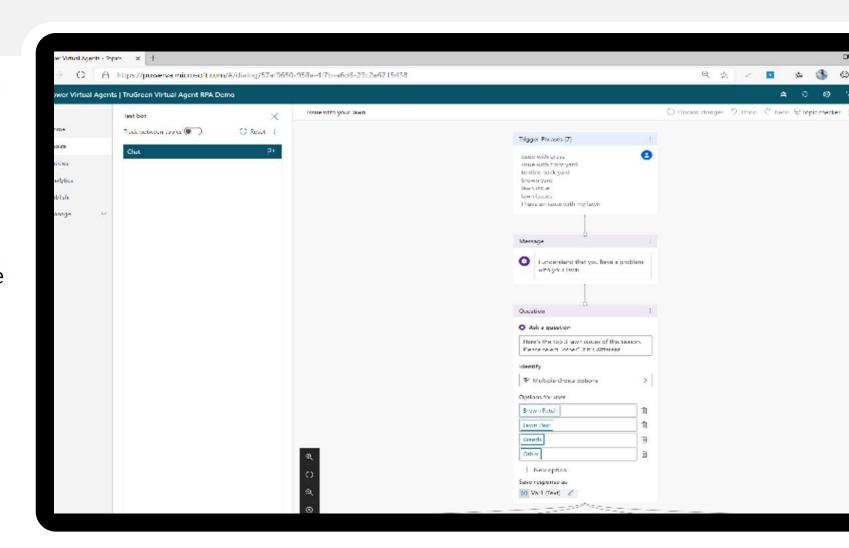


Design engaging responses

Authoring fundamentals

Type the response you would like to provide to the user

- Add images & videos using URLs
- Quick Replies to provide suggestions
- Language generation to mix up the way the bot says the response



Design engaging responses

Adaptive Card

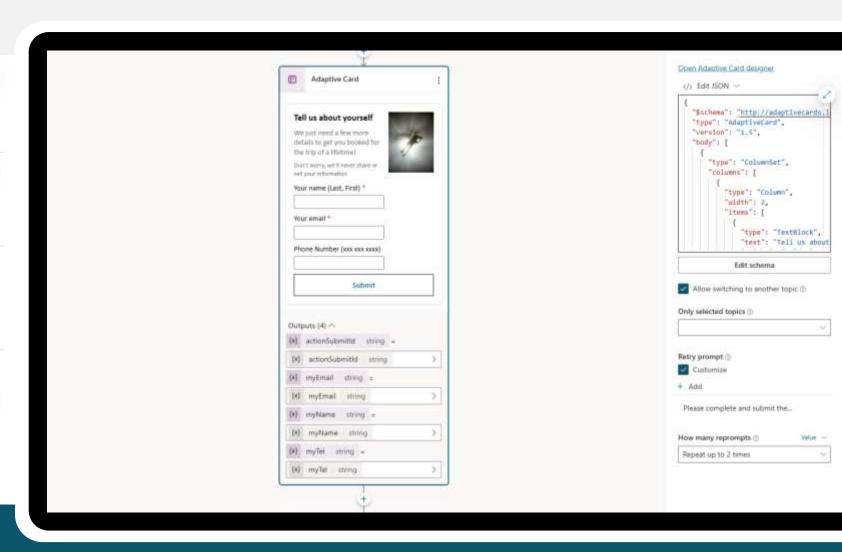
An open card exchange format enabling developers to exchange UI content in a common and consistent way.

A new node that allows you to prompt a user with an Adaptive Card and wait for a response

Output variables are automatically generated, based on the JSON for the card.

Same flexibility and configurable options for retry and interruption as the Question Node.

Learn more

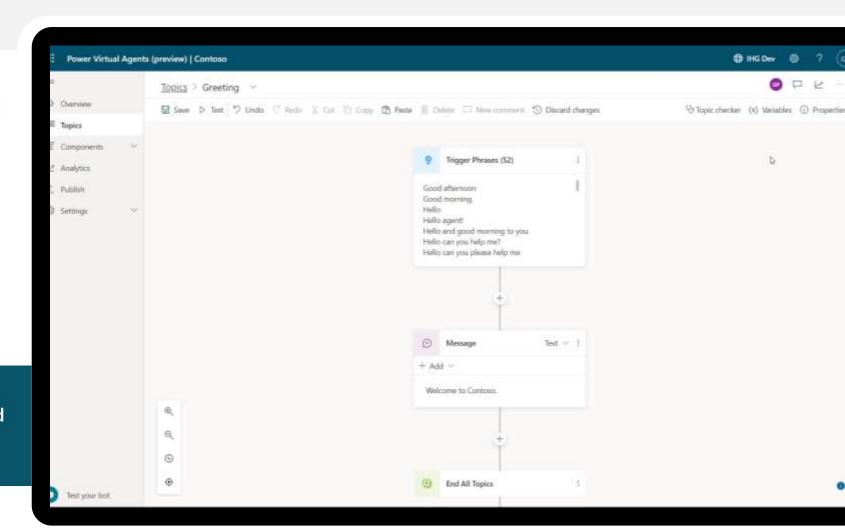


Design with code side-by-side

Switch in between the graphical user interface and the code editor

- The code editor provides YAML like experience to make inline edits to the bot
- Pick the view that makes your bot building the most efficient
- Developers can share and re-use topic logic between developers and bots

YAML is a human-readable dataserialization language. It is commonly used for configuration in applications where data is being stored or transmitted.



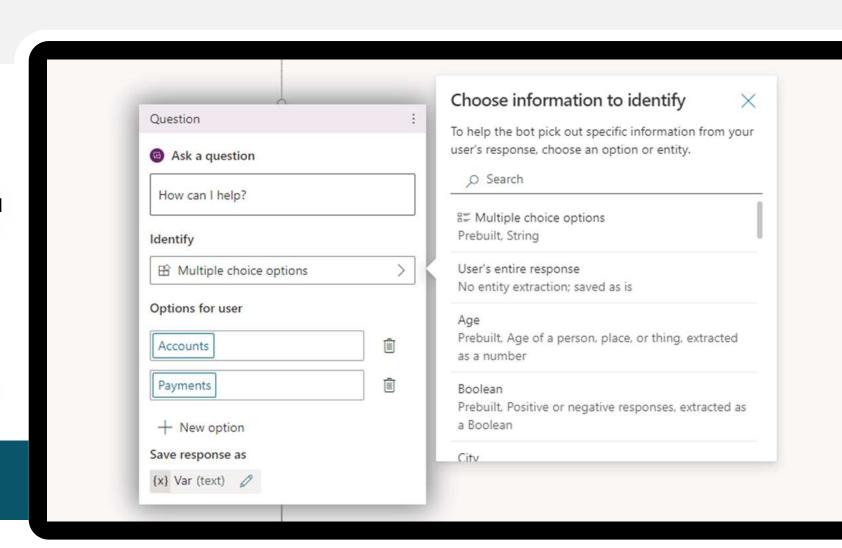
Collect responses with entity recognition

Select the entity to help the bot pick out the specific information from the user response

Entity types

- Prebuilt entities represent the most used information such as age, colors, numbers, and names
- Custom entities Some occasions, you'll need to teach the bot's language understanding model some domainspecific knowledge. These include:
 - Closed List Define a list of items
 - Regular expression (Regex) Define a specific logical pattern e.g a credit card number

An entity is an information unit that represents a certain type of a real-world subject.



Establish variables for data manipulation

A variable type is associated with the entity and the identified information when it's saved.

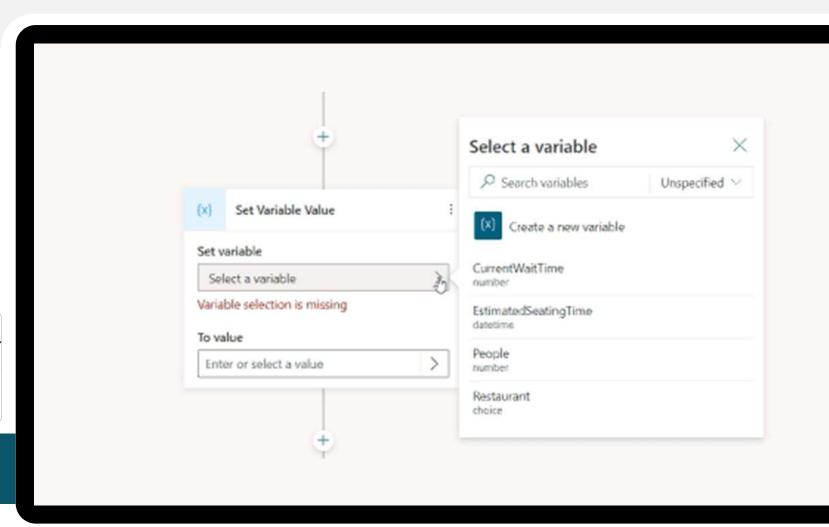
Set variables before the question or save from responses

For example, the country and region entity would store a variable as a "String"

The money entity stores the variable as a "Number"

Variable types				
String	List			
Number	Record			
Boolean				

A variable is used to store, transform and use data. Variables can be used to dynamically route the user though a conversation.



Establish variables for data manipulation

Variable scopes

Topic

• Can only be used in the topics in which they're created

Global

- Can be used in all topics
- External sources can set values

System

Created automatically with your copilot

Variable types

Туре	Description		
String	A sequence of characters used to represent text		
Boolean	A logical value that can only be true or false		
Number	Any real number		
Table	A list of values, but all values must be of the same type		
Record	A collection of name-value pairs where values can be of any type		
DateTime	A date, time, day of the week, or month relative to a point in time		
Choice	A list of string values that have associated synonyms		
Blank	A placeholder for "no value" or "unknown value"; for more information, see <u>Blanks in Power Fx</u>		

Design for complex logic using PowerFX

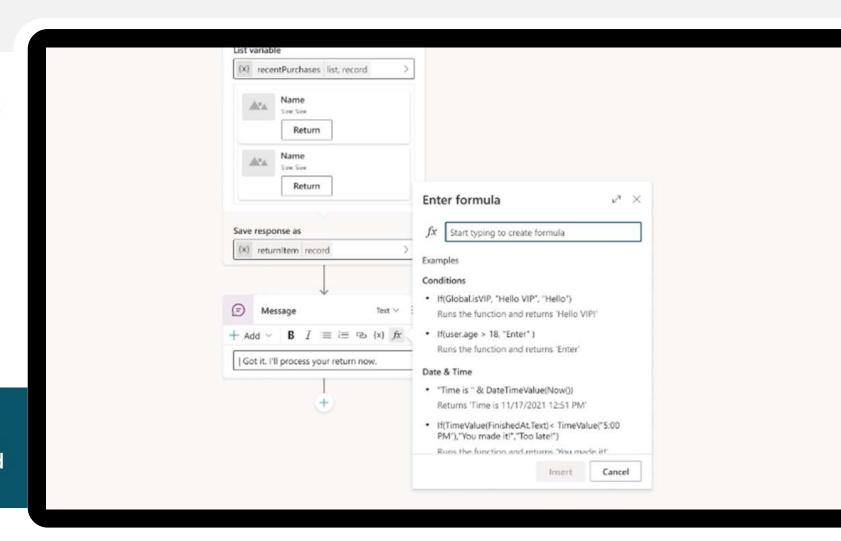
Use the integrated Power Fx formula editor, allowing for simple, but powerful, variable manipulation.

These formulas can be used to work with variables and conditions

Popular PowerFX uses

- Date manipulation (date dif, date add, date format)
- Math calculations (sum, average, etc.)
- Text formatting (concat, numeric, etc.)

Power FX uses Excel-like formulas to create complex logic for data and advanced variable manipulation. Used across multiple nodes.



Keep the bot in context (event activities)

Event-Driven and Contextual Triggering

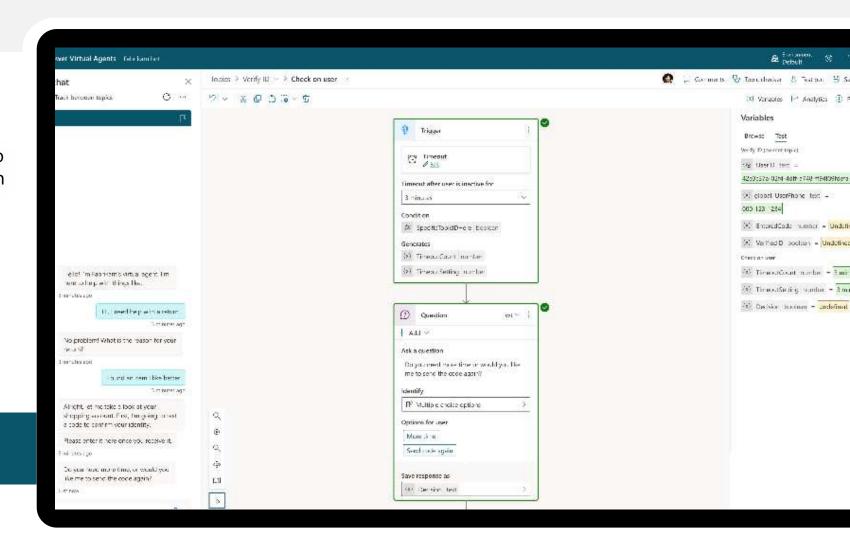
Topics can react if the bot detects a certain value has been passed over or if they want to add more bot personality to a message when the chatbot runs into an issue

Contextual triggering enables smarter chatbots that can stay within context when asking for help or more details on a certain topic

Examples of events:

- Sending a message when a package arrives
- Task completion
- Slot openings

An event is an action or occurrence recognized by software.



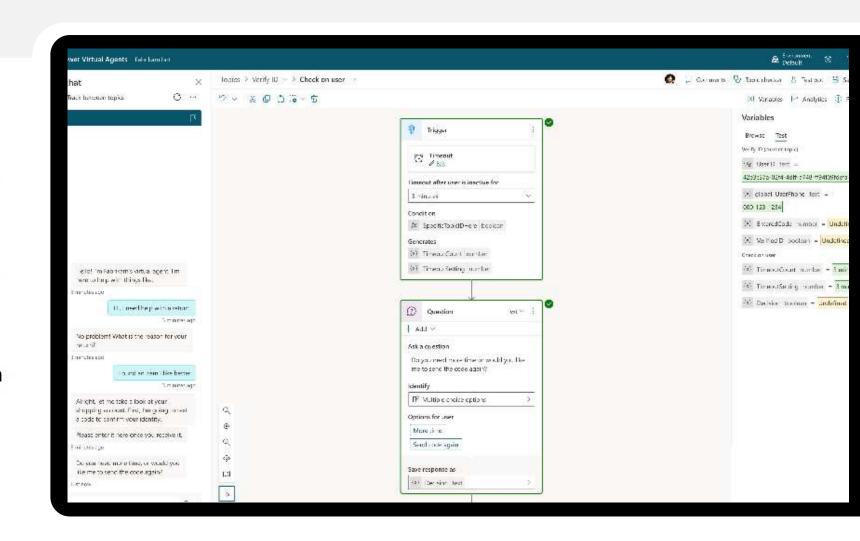
Keep the bot in context (event activities)

Common types

Delay – this can be used to provide a delay between messages.

Invoke/Invoke Response – Generally these are used for Microsoft Teams

Handoff – This allows a user to send a Handoff activity



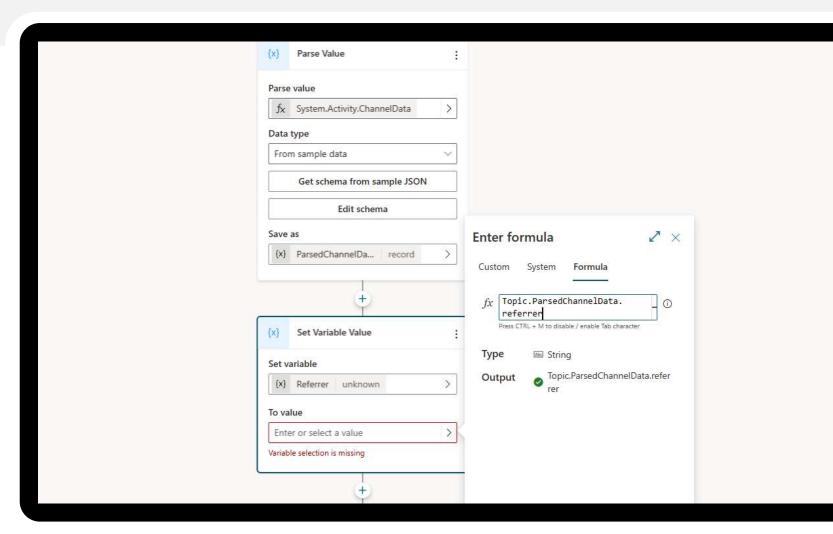
Parse Data/Value

Easily parse JSON or other values into variables

Parse a JSON value or untyped value into a strongly-typed PVA variable, including support for complex Record types.

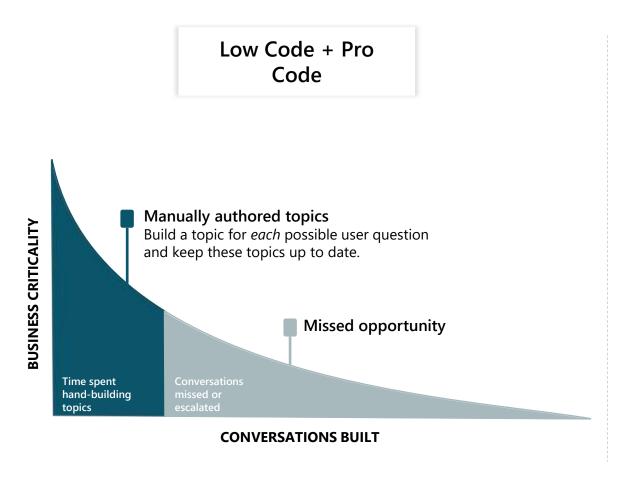
Automatically generates the schema for the output variable from a JSON example.

Use Power Automate to call an API and return the result to PVA and easily turn it into a usable variable, with full intellisense support in Power Fx.

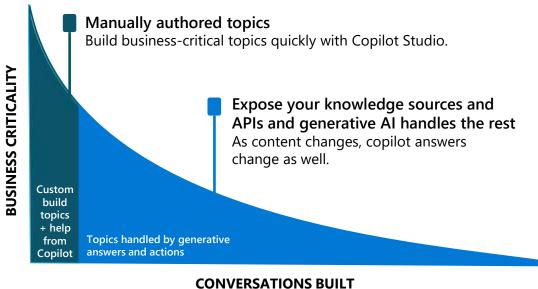


Generative AI features

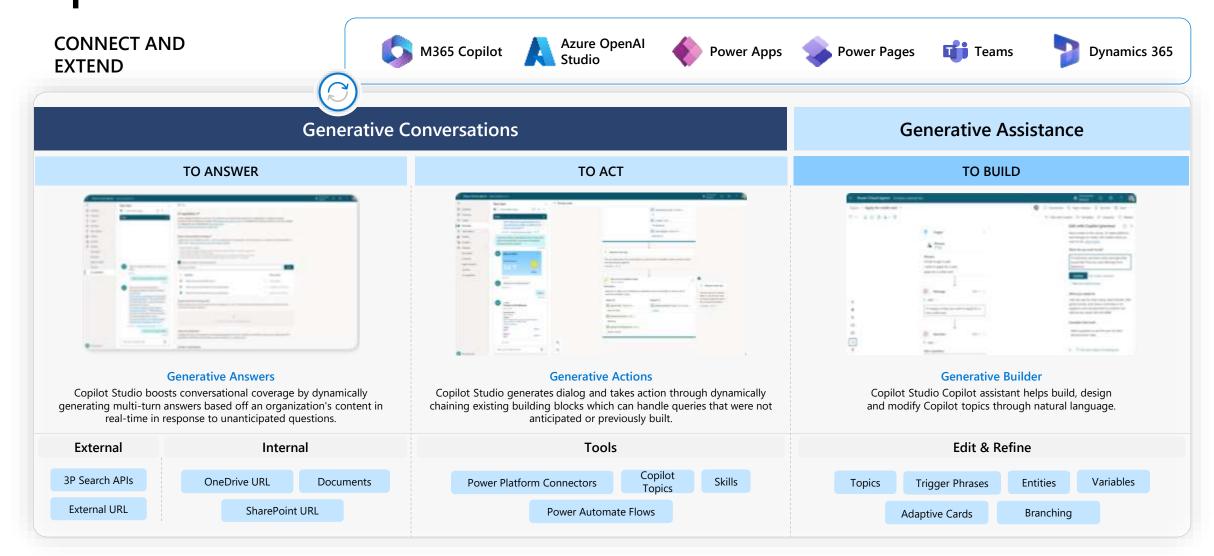
Generative AI is changing conversational AI



Generative AI + Authored Content



Generative AI in Copilot Studio | Powered by Azure OpenAI Service

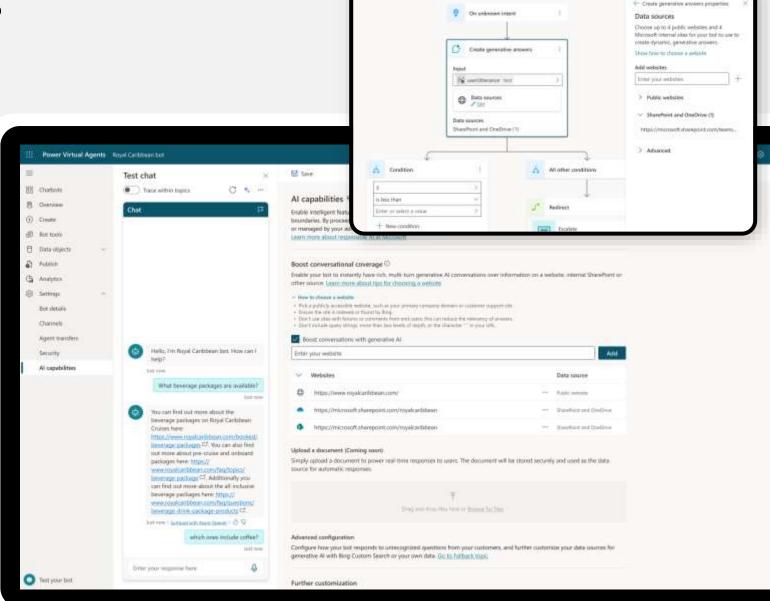


Generative answers

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

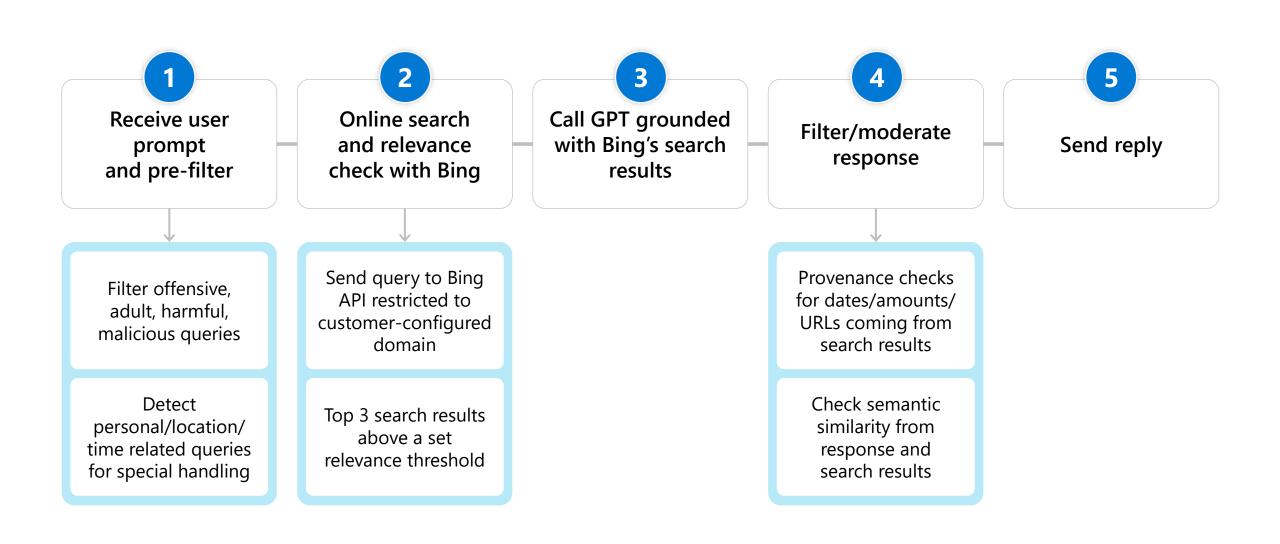
Bots can answer thousands of questions out of the box in seconds

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



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Generative Answers: How does it work?

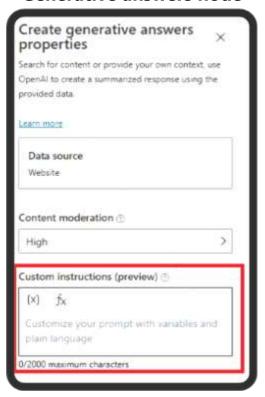


Generative Answers

Prompt modification

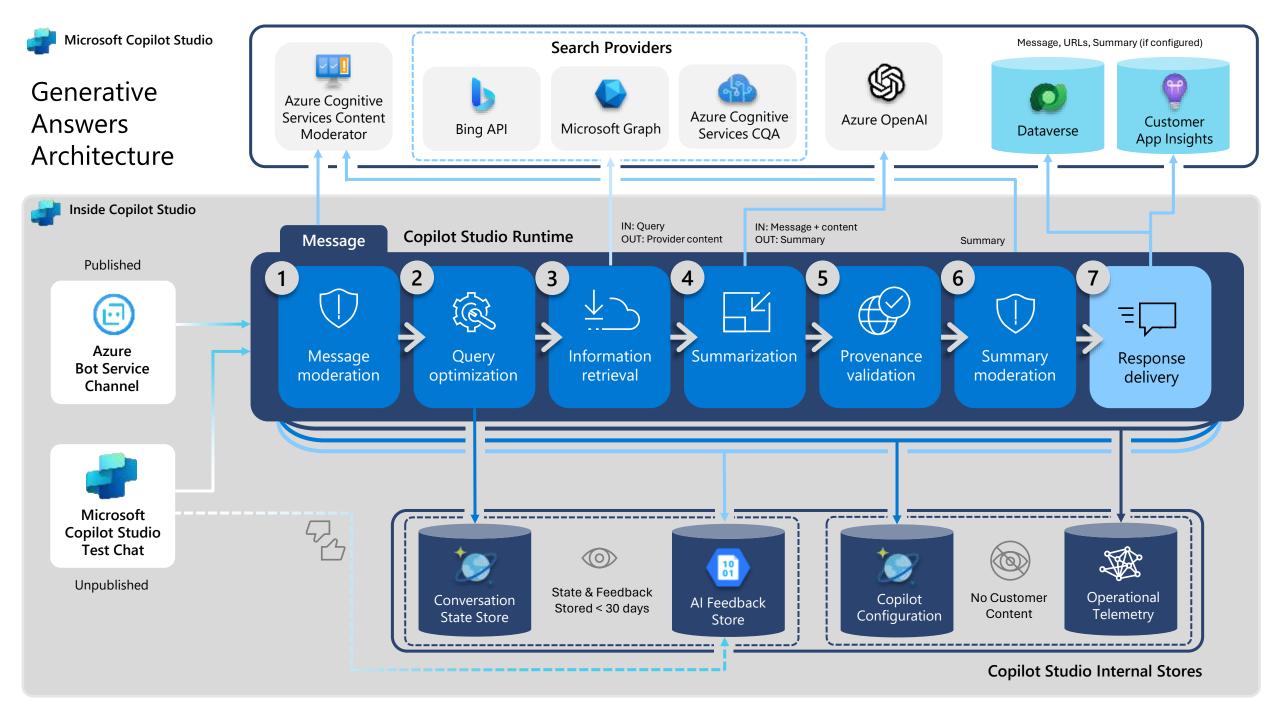
Learn more

Generative answers node



Copilot configuration (Generative AI settings)

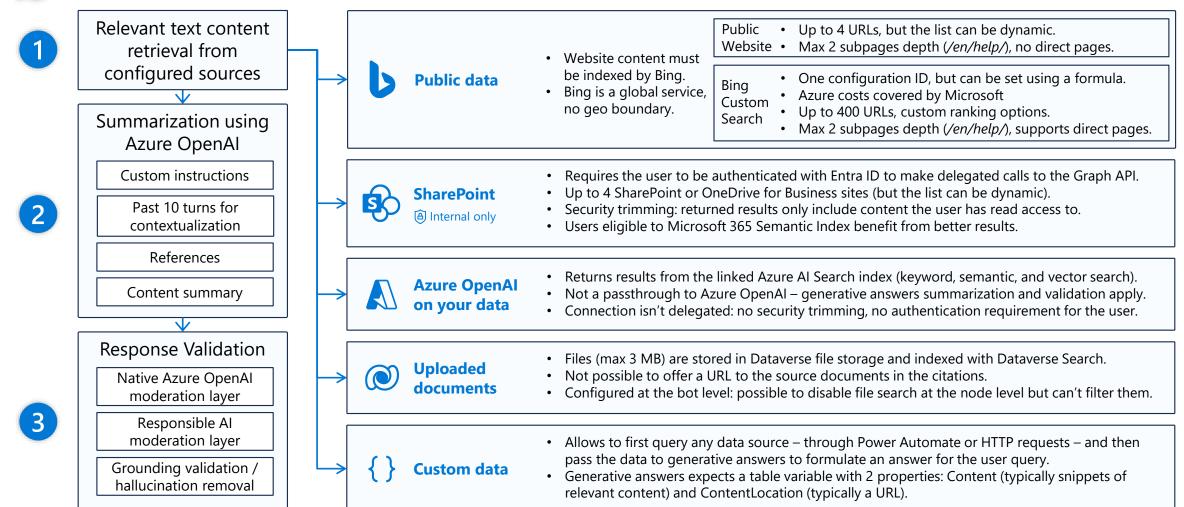
-)	nstructions (preview) *	
	Provide information about how the copilot should behave or respond to users or describe how it will help its customers. All features use these instructions when enabled.	
100	Your tone should be friendly, helpful, cheerful, and expressive. Always greet users warmly and use a smiley emoji.	0
	Use positive language.	~



Generative answers considerations

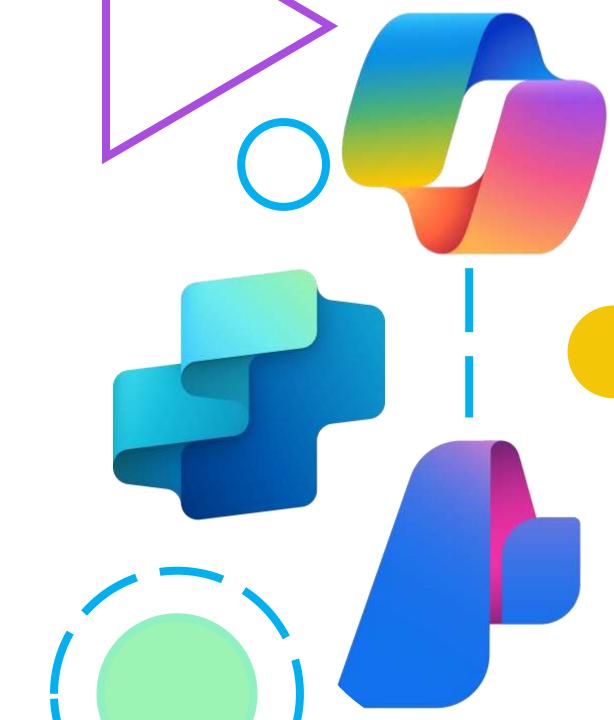
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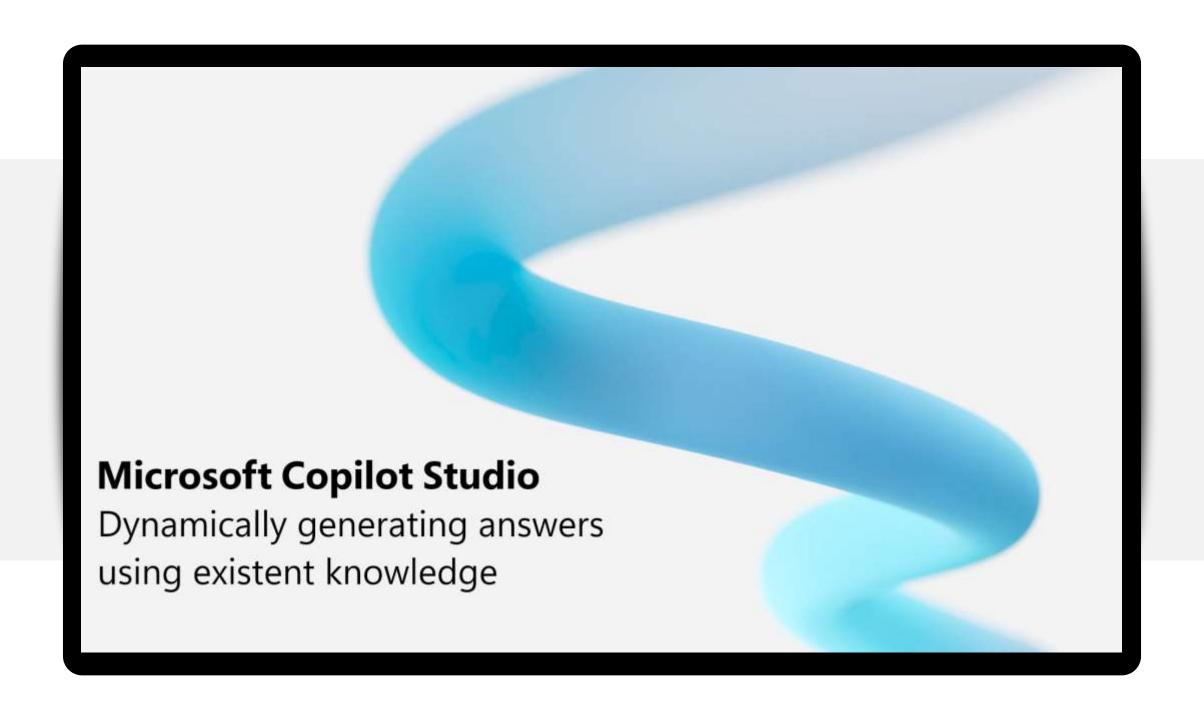
Generative answers processes and data sources



Demo

Generative answers







- **Understanding Copilots at Microsoft**
- Extending M365 Copilot vs Custom Copilots leveraging Copilot Studio
- Understanding the importance of a 3 **Dialog Manager in Conversational Al**
- <u>Understanding Fallback and Churn</u> 4 **Detection in Copilot Studio**
- <u>Using Generative Actions to Orchestrate</u> your Copilot
- Azure Al Studio and Copilot Studio. 6 When to use what?



Dewain Robinson is **Principal Program Manager for Copilot Studio and Conversational AI** and have a YouTube channel to talk about it

Generative actions runtime

Test and trace feature to see it in action

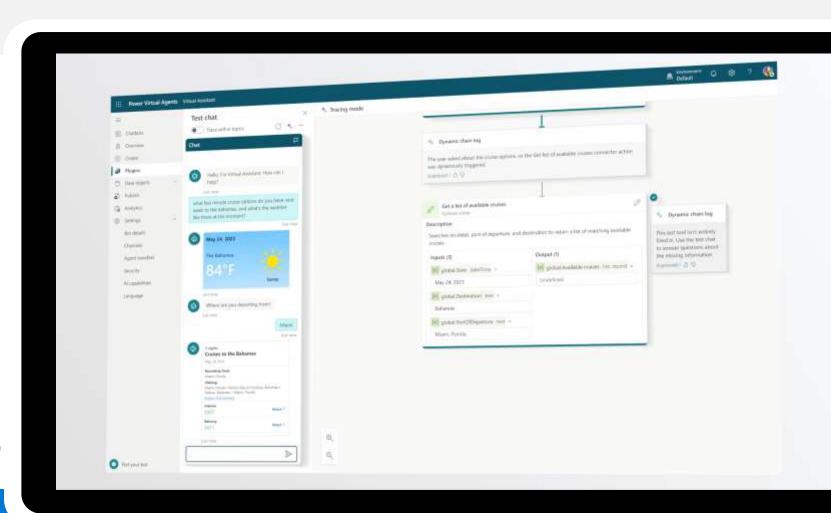
Dynamically chains plugins together to produce actionable customer responses

Handle multi-intent queries that were not anticipated or built by the user

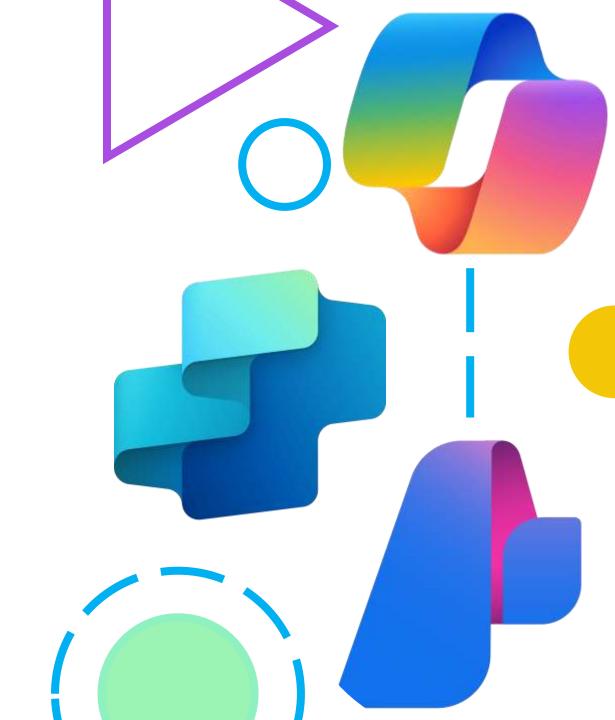
Automatically slot-fill further details to get the information needed for the task

Powered by the Azure OpenAl Service with "LangChain" concepts

Example shows generative actions calling two APIs (Weather + Cruise APIs) based on request.



DemoGenerative actions





Generative building

Azure bots take months to author

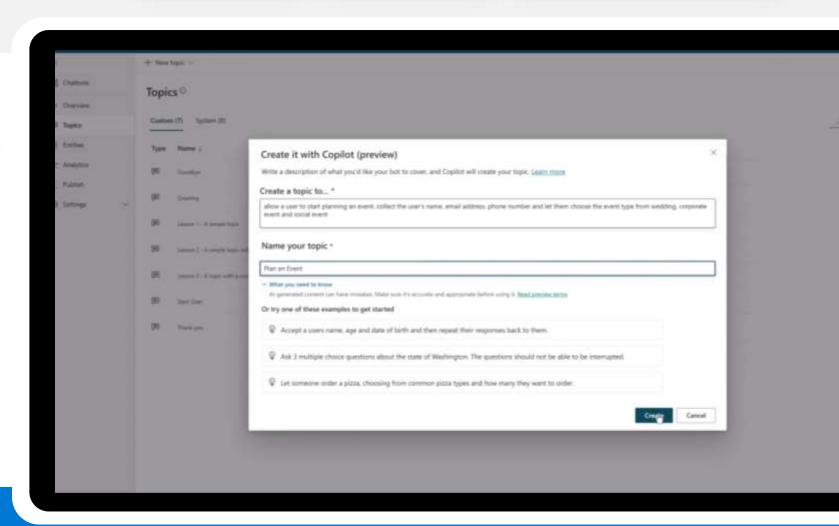
PVA bots took days to author

Prompt-authored Copilot Studio bots will take hours or even minutes to author.

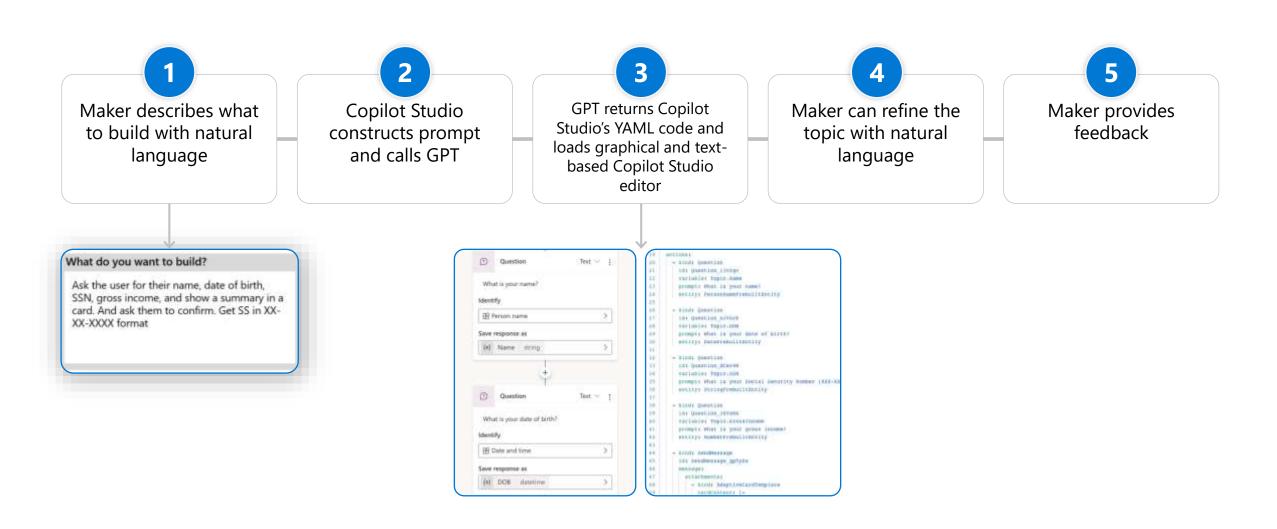
Al assistance in building topics, designing and modifying the Copilot all through natural language

Assisted authoring for:

- Topic creation
- Topic iteration
- Response generation
- Adaptive Card generation
- Topic improvement suggestions
- Suggested trigger phrases, topic names, topic descriptions
- Transcript generation
- Copilot creation
- Topic suggestions



Generative building: How does it work?



DemoGenerative building



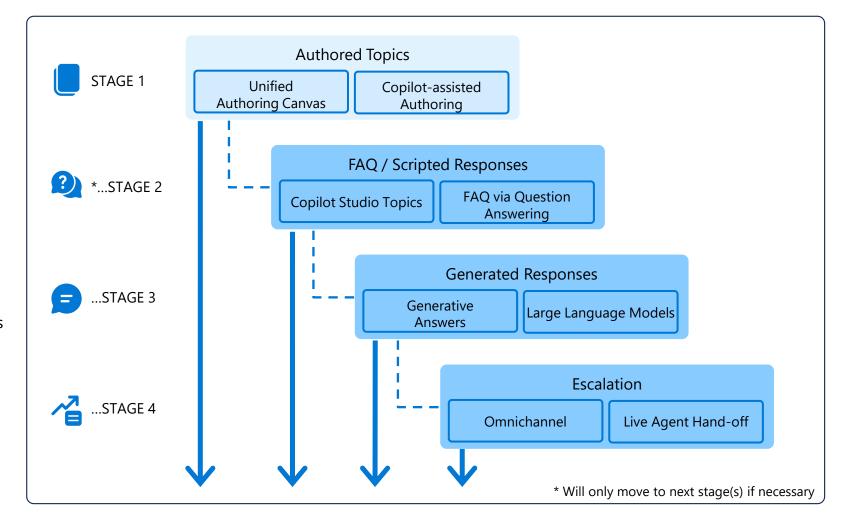


Patterns for generative Al

New design patterns with generative Al

New paradigm in topic responses

- This shows how generated responses are plugged into a dialog manager (Copilot Studio) to ensure that you remain in control of the user experience while allowing for authored experiences that are key functions of your copilot, scripted responses that are key for managing the answers you want scripted (such as marketing-controlled responses) work in conjunction with generated responses allowing the enterprise to remain in full control of the experience.
- This allows for an end-to-end enterprise conversational platform to build effective and managed experiences that delight customers, while reducing the overhead and cost of maintaining fully scripted experiences of the past.

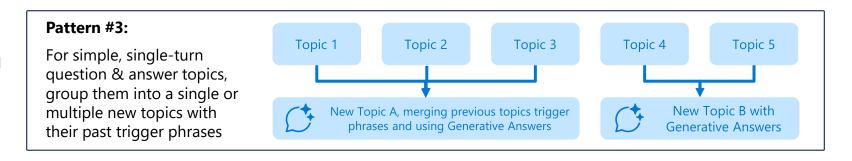


Infusing generative AI into topics example

Finding the right place for generative AI in your new or existing copilots

- Generative answers unlock new use cases for copilots where dialog paths no longer need to be fully anticipated.
- By plugging generative answers into your internal and external data sources, the copilot can search and summarize answers for user queries.
- It's not an 'either' choice: you can configure generative answers wherever you choose in your topics, and the data sources can both be dynamic, hard coded, or enriched with context variables.
- It's still a good idea to have generative answers also configured in the Conversational boosting topic that triggers before Fallback, to try to catch and answer user queries with broader data sources before they get to Fallback.
- While planning for generative answers, it's important to plan for follow-up questions (should they remain in context of the previous answer or trigger a new topic?) and how you will measure, track, and validate that the generated answers are accurate and answer the user questions.

Pattern #1: Placing Generative Answers as the first level of unknown intent logic before Fallback. If no answer: Fallback Pattern #2: Enriching your existing Fallback Fallback Your current Fallback logic, e.g. Question Answering

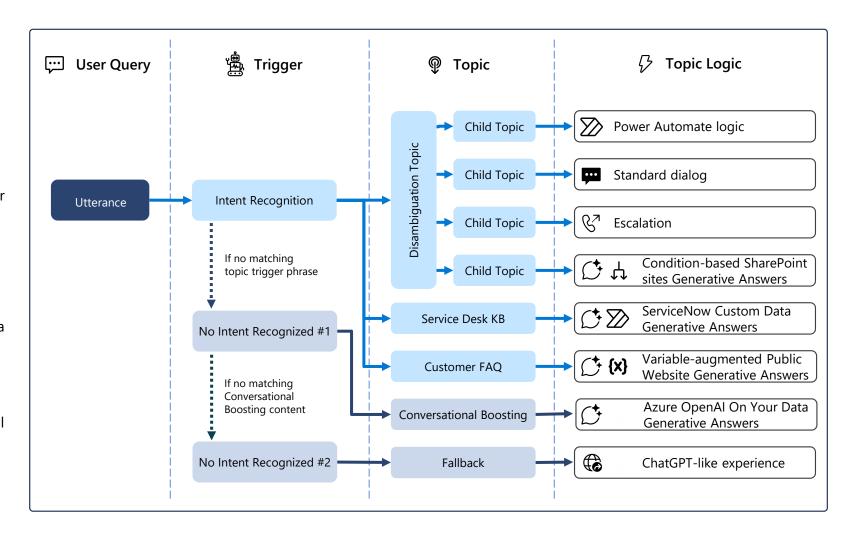


turned: Generative Answers

Infusing generative AI into topics example 2

Mixing scripted dialog paths and generative answers from different data sources

- Generative answers unlock new use cases for copilots where dialog paths no longer need to be fully anticipated.
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Extend and integrate

Integrate with

Power Platform



Power Automate

Automate across and within your business systems.



Power Apps

Effortlessly publish a copilot within your Power App for conversational assistance.



Power Pages

Embed a copilot on your no-code responsive sites with generative Al assistance over your data.



Power BI

View custom analytics for your copilot that cater to your specific needs.



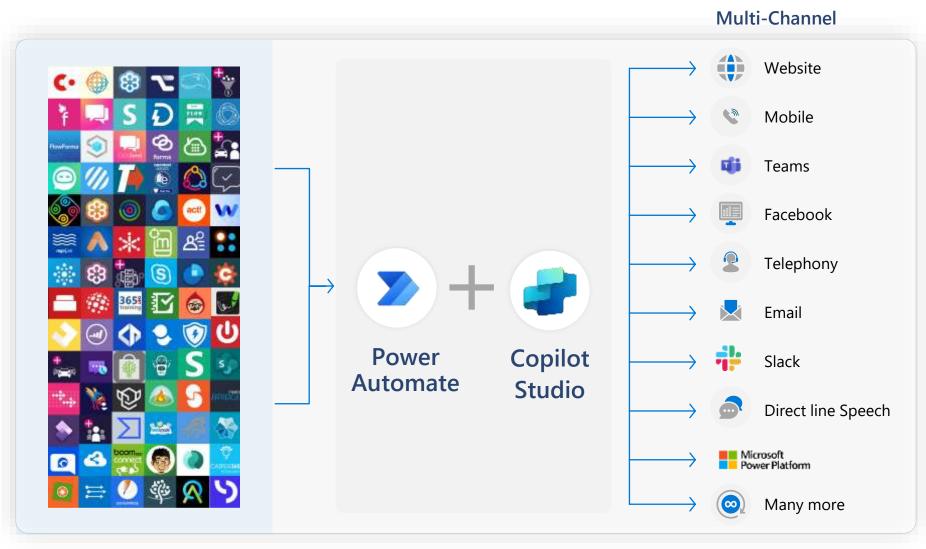


Dataverse

Query your low code and business application projects.

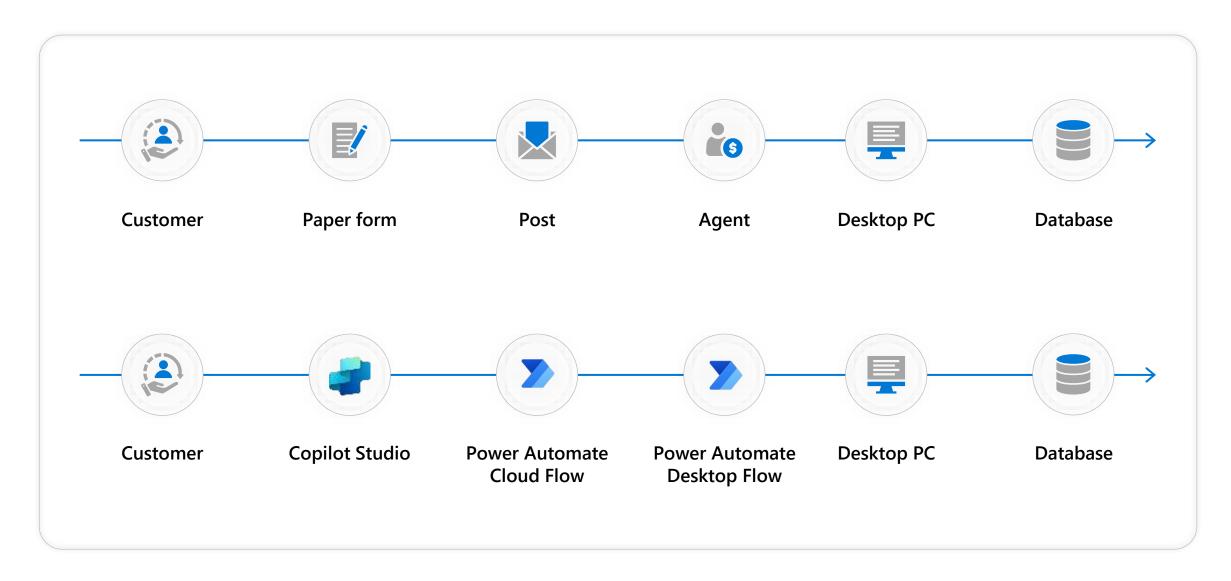
Power Automate and Connectors

- Power Automate including in Copilot Studio offers great integration capabilities, with more 1,200 native connectors or ways to create your own custom connectors to your APIs.
- For a good end-user experience, cloud flows triggered from Copilot Studio must execute quickly so that the user doesn't have to wait too long for the copilot to answer.
- Cloud flows triggered from Copilot Studio have a maximum of 100 seconds to return to Copilot Studio before they time out.
- You can make HTTP requests directly from Copilot Studio, to avoid invoking cloud flows and trim a few milliseconds.



1200+ prebuilt data connectors

Robotic Process Automation into your chat



Power Pages Enhanced Integration

Build a conversational Copilot leveraging your Power Page site and GPT responses from its content in minutes

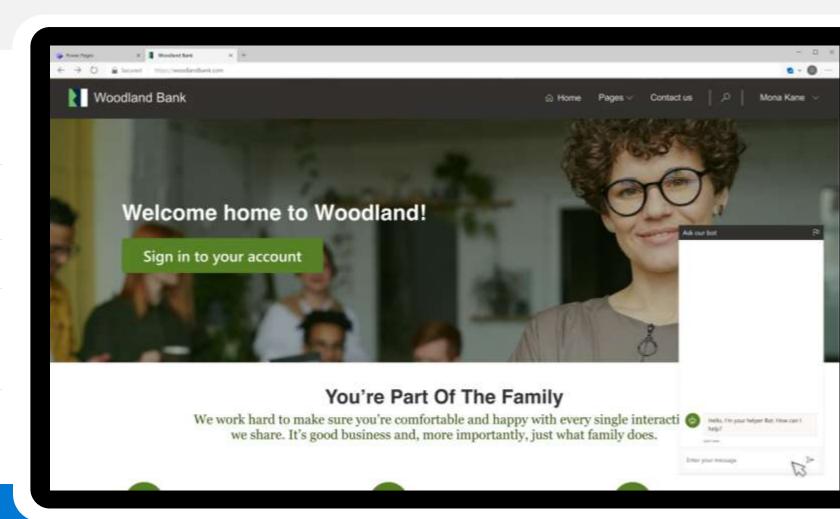
Boost conversations to drive your conversations via your Power Page or other knowledge sources

Add Copilot Studio chat experience in just seconds

Match the style of your website

Reduce Customer Support costs by adding conversational experiences in your website

Delight customers with ChatGPT style conversations



Power Apps integration

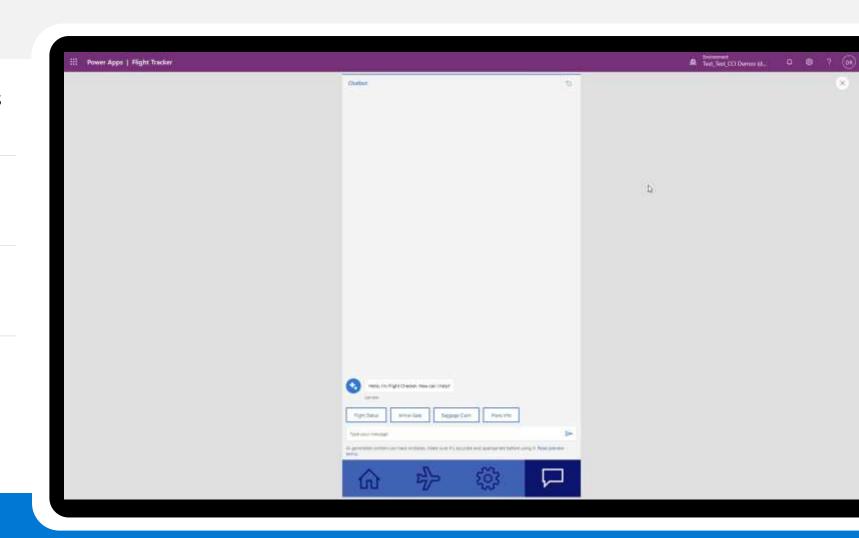
Add the power of conversational experiences to your applications natively in Power Apps

Boost knowledge-based conversations within your app

Add Copilot Studio chat experience in just seconds

Delight customers with ChatGPT style conversations

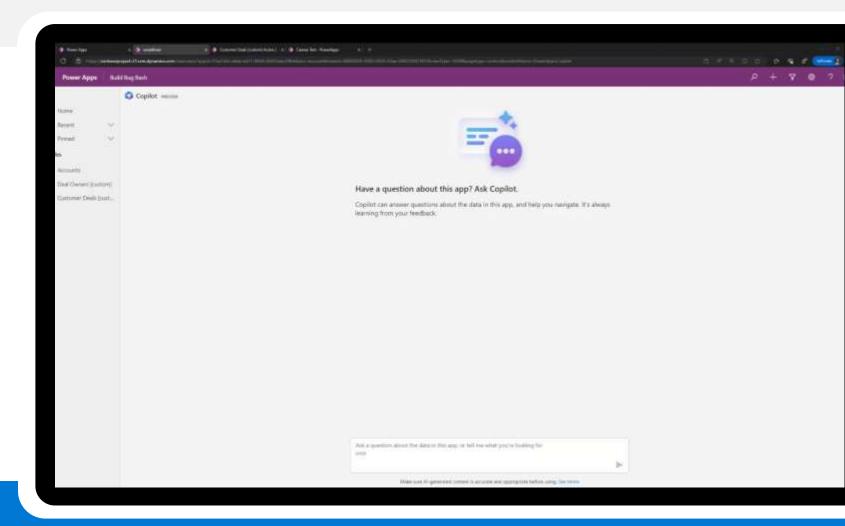
Reduce Customer Support costs by adding conversational experiences in your applications natively



Extend Copilot in Power Apps

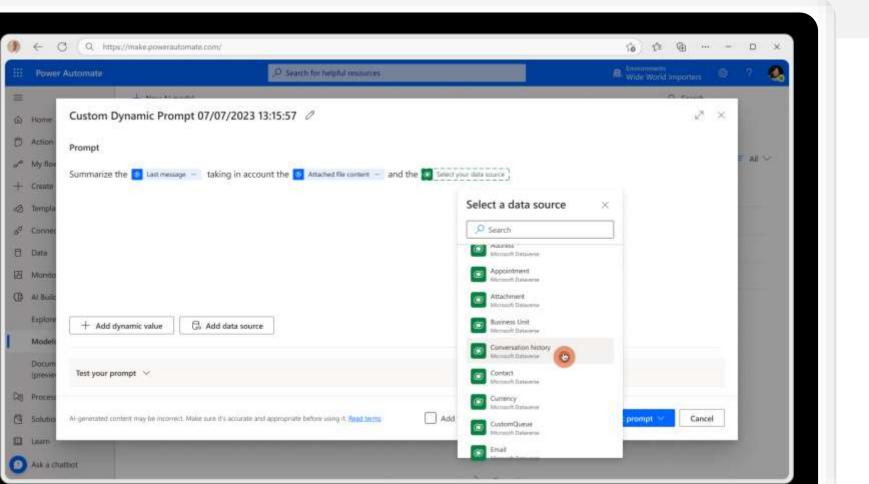
Al assistance in building topics, designing and modifying the app all through natural language

Extend Copilot in Power Apps with Copilot Studio making the chat experience for relevant to your data and workflows.





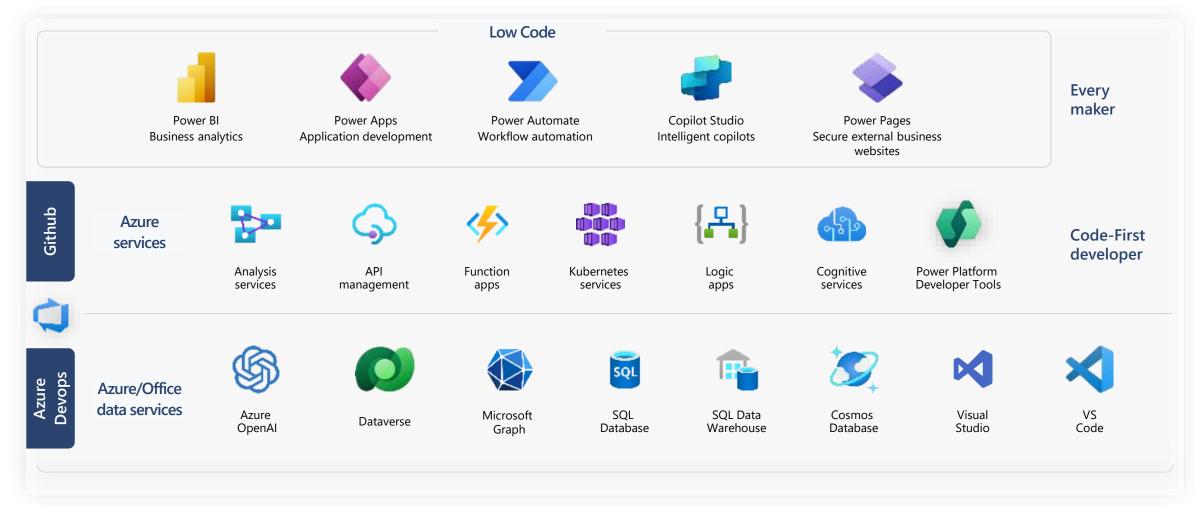
Prompt Building



A single interface to build, design, and test Generative AI Prompts that can be embedded across products.

Prompts are saved in Al Builder's prompt library and become a platform concept (supporting sharing, ALM, RBAC). Prompts can be invoked in Copilots (via Plugins), Power Apps & Dataverse (via Power FX), Power Automate (via Al Builder connector).

No code, low-code, and pro-code – all are welcome



Fusion team (all devs and business users/makers)

Better together: Azure Al Studio Integrations with Microsoft Copilot Studio

Language services:

Add Azure Al Language Services -Custom Language Understanding (CLU) support if you don't want to use the out of the box model.

Knowledge base:

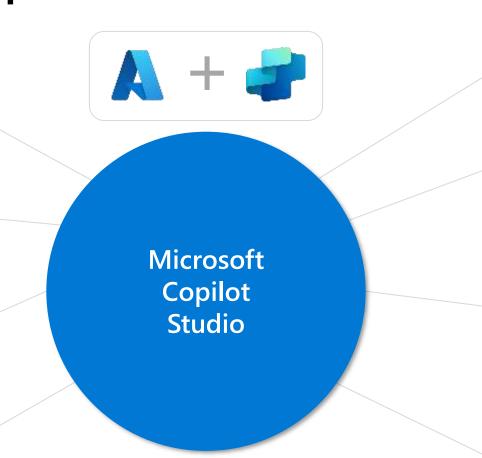
Azure Al Question and Answer integration if you don't want the out of the box.

AI Search:

Azure OpenAl on your data enables Azure OpenAl's models (ChatGPT, GPT-4...) on YOUR DATA and can enable you to build powerful conversational experiences over it with Copilot Studio.

Analytics:

Build custom analytics to move your data into extended data pipelines.



API Calls:

Add Copilot Studio supports any API / HTTP calls to Azure services too.

Telemetry:

Can use Azure app insights for custom telemetry.

Bot Framework:

We rebuilt the capabilities of Bot Framework Composer into Copilot Studio natively (Code like views, Adaptive cards, eventing, variable management) and added support for customers that still used Bot Framework bots to call as skills to Copilot Studio.

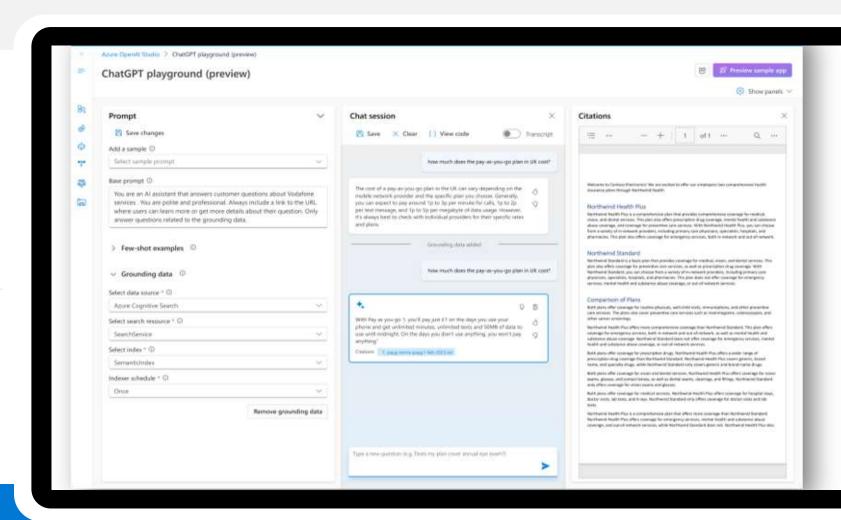
Application lifecycle management:

Works with Azure DevOps for full ALM and solution management.

Azure OpenAl on Your Data integration with Copilot Studio

Azure OpenAl on YOUR DATA enables Azure OpenAl's models (ChatGPT, GPT-4...) on YOUR DATA and can enable you to build powerful conversational experiences over it with Copilot Studio.

Customers can connect their data sources to unlock the full potential of their data in a compliant way!



CQA Integration with Copilot Studio

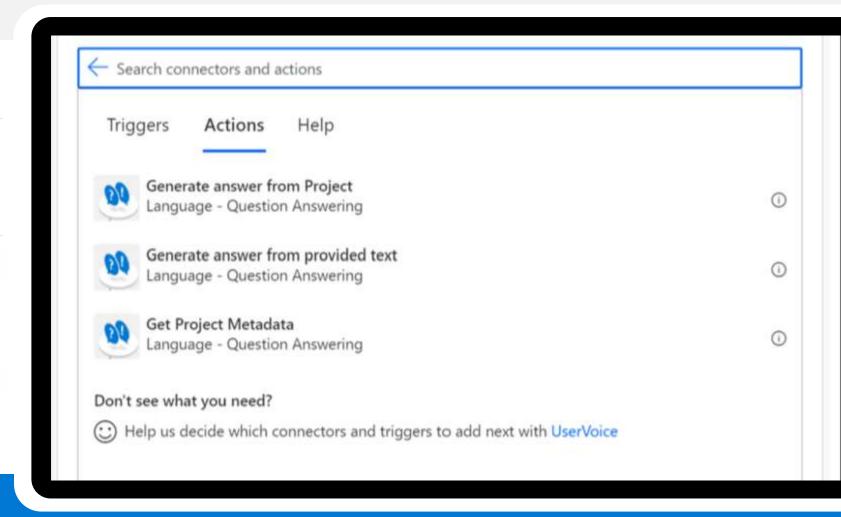
Customize your copilot to provide answers from your specific knowledge base

Tailor responses based on specific languages in CQA

 Multilingual base model available in over 70 languages, including 12+ Indic languages

Combine the accuracy of CQA with the simplicity of Copilot Studio to create a copilot:

- Leverage Fallback Topics for Logical Flows
- Enhanced Natural Language Processing (NLP)
- Seamless Integration and Easy Configuration
- Rapid Iteration and Continuous Improvement



Bot Framework as skills

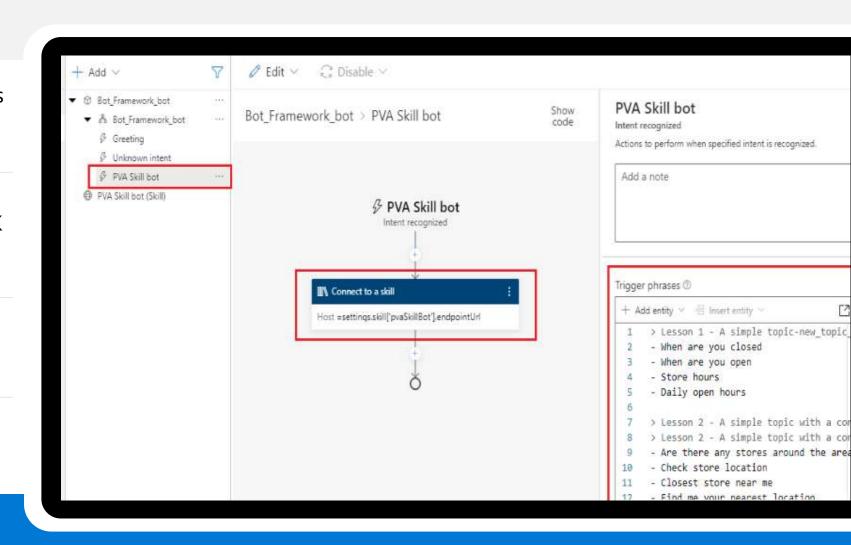
Extend Bot Framework bots with Copilot Studio functionality

Manage which Copilot Framework bots can use a Copilot Studio Copilot as a skill

Add Copilot Studio bots as a skill in Composer and Copilot Framework SDK and easily download the Copilot skill manifest

Invoke Copilot Studio Topics from Copilot Framework bots - based on a user utterance

Create bots collaboratively and easily connect the Copilot ecosystems



Hand off to a live agent

If the issue cannot be resolved, the copilot will hand off the conversation to a live agent to continue the conversation with full context using an end-to-end customer engagement platform.

The handoff can coordinate with 1st party Microsoft's Digital Contact

Center or integrate with 3rd party contact centers.

Generic engagement hub

Dynamics 365 Customer Service

Genesys

Live Person

Salesforce

ServiceNow

Publish your copilot to multiple channels



Secure and govern

Administration & Management



Infrastructure management

No infrastructure to manage

No services to stand up

Available in geodistributed multi-tenant SaaS



Global by default

Available worldwide in many commercial clouds (23 data centers)

Available in government clouds

Supports 19 languages



Compliance

Supports many Compliance offerings like HIPAA, HITRUST, FedRAMP, PCI, SOC, ISO & more



Security & governance

Govern using unified Power Platform admin center

Data encryption – data stays secure while at rest and in transit

Data loss prevention

Customer Lockbox

Compliance offerings

Copilot Studio is a Core Online Service, as defined in the Online Services Terms (OST), and is compliant with or covered by

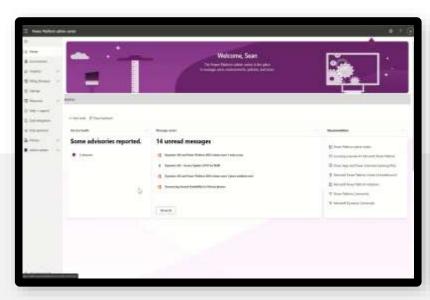
- Federal Risk and Authorization Management Program (FedRAMP)
- Health Insurance Portability and Accountability Act (HIPAA) coverage
- Health Information Trust Alliance (HITRUST) Common Security Framework (CSF)
- System and Organization Controls (SOC)
- Various International Organization for Standardization (ISO) certifications
- Payment Card Industry (PCI) Data Security Standard (DSS)

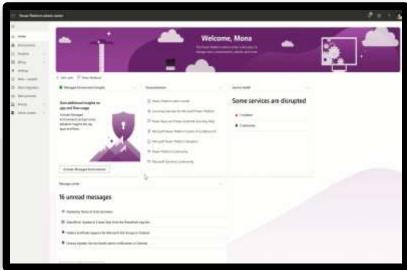
The right tools for your governance requirements

Power Platform Admin Center

Managed Environments for Power Platform

Center of Excellence Kit







Standard governance offering:

- Build guardrails around data, apps, and environments
- View analytics on low code assets across your organization

Premium governance offering:

- Enable governance-at-scale without additional IT resources
- Proactively build and enforce best practices while gaining key insights and analytics

Extensible governance add-on:

- Enhance your governance journey with powerful opensource tools
- Drive innovation and improvement faster

Center of Excellence

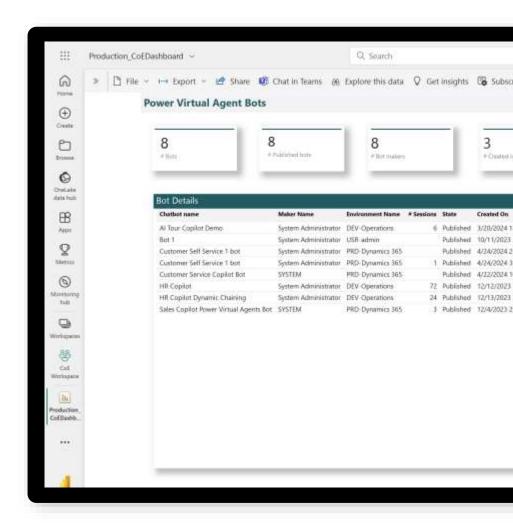
- As organizations use Microsoft Power Platform to enable citizen developers across their organizations, they also seek capabilities to govern and monitor usage.
- The Microsoft Power Platform CoE Starter Kit is a collection of components and tools that are designed to help organizations develop a strategy for adopting and supporting Power Platform.

CoE Starter Kit features for Copilot Studio

- Keep track of the number of conversations per copilot over time, with daily aggregates.
- Allocate a number of conversations per environment
- Receive capacity email alerts when environment add-ons get near or over their allocated number of conversations.
- Get an overview dashboard of Copilot Studio usage in a tenant over time as well as an all-up conversation consumption versus allocation.

Questions to discuss:

- Do you plan to use the Center of Excellence Starter Kit to monitor your copilots in your tenant?
- Do you have specific governance requirements such as charge-back models?
- Do you allow users to create copilots using Copilot Studio for Teams?
- Do you allow users to create Copilot Studio trials or do you want them blocked?



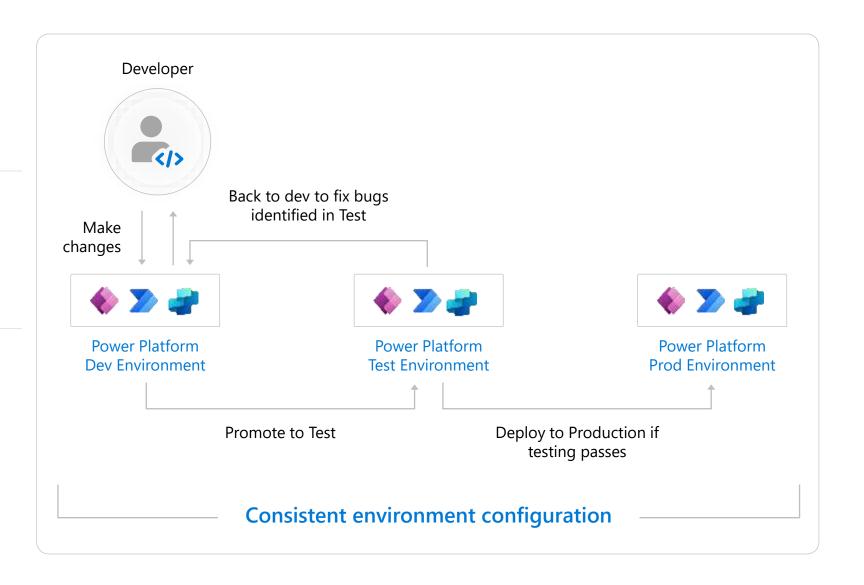
Application Lifecycle Management

Customers have bot lifecycle management requirements - governance, development, and maintenance.

Customers can export and import copilots across multiple environments – development, test and production.

Learn more:

<u>aka.ms/PVA/export-import</u> <u>aka.ms/powerplatform/ALM</u>



Additional recommended content

Copilot Studio implementation guide

Provides a framework to do a 360-degree review of your project. Through probing questions, it highlights potential risks and gaps, aims at aligning the project with the product roadmap, and shares guidance, best practices and reference architecture examples.



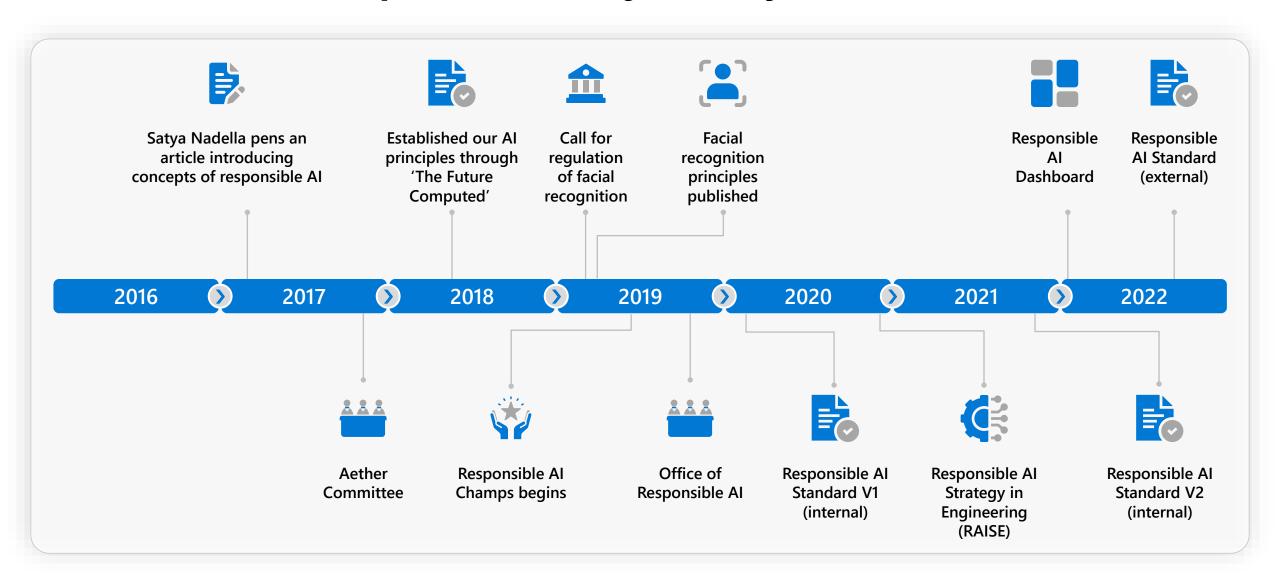
https://aka.ms/CopilotStudioImplementationGuide



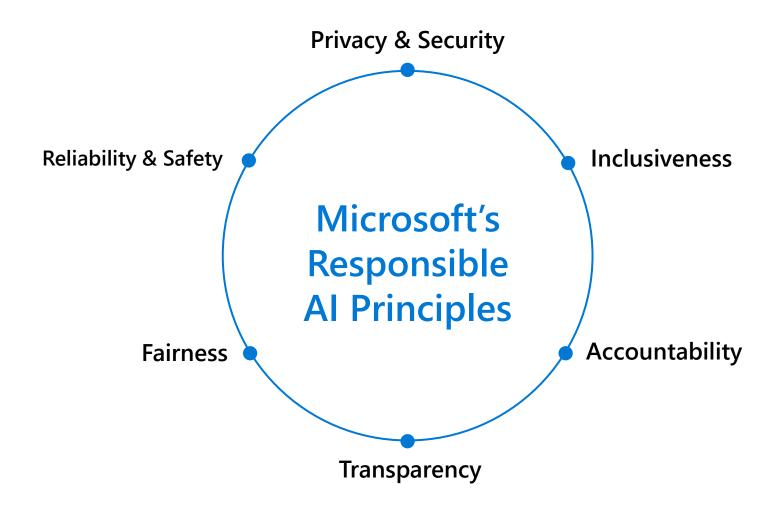
Responsible Al



Microsoft's Responsible Al journey



Microsoft's Responsible AI principles



Building blocks to enact principles



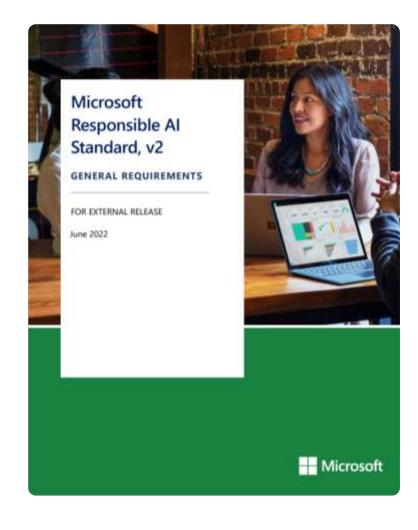
Microsoft Cloud

Runs on trust

Your data is your data

Your data from any fine-tuning is **not** used to train the foundation AI models

Your data is protected by the most comprehensive enterprise compliance and security controls



Rules

Responsible AI Standard



Records

Our practice of **Responsible AI by Design** – the proactive ways in which we guide the design, build, and testing of AI systems



Establishes

A **durable framework** for the maturing practice of responsible AI and evolving regulatory requirements



Reflects

Our deeper exploration of what our six AI principles mean and the steps that must be taken to uphold them

Establish a responsible AI strategy at Aka.ms/AIBS

Design, build, and manage your Al solution at Aka.ms/RAIresources



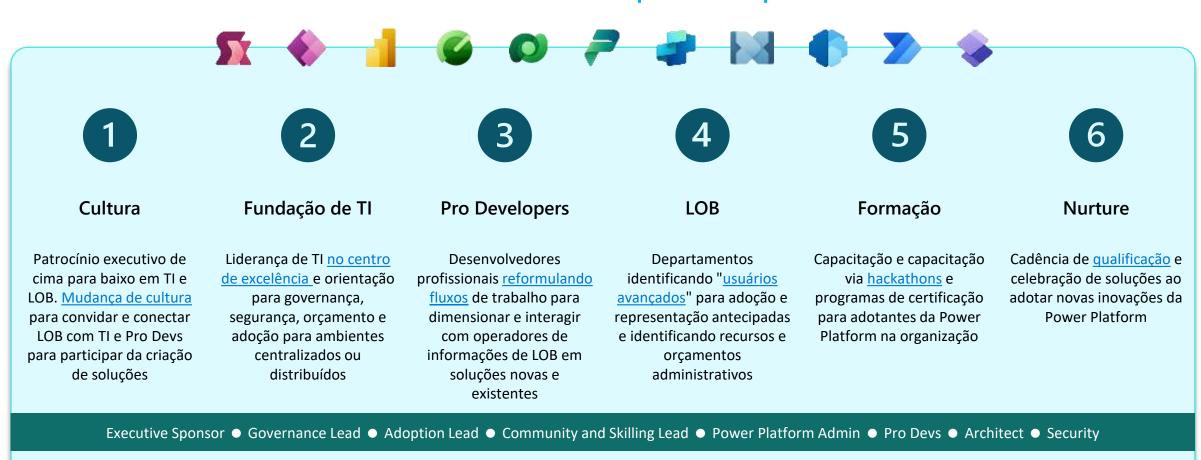
Next steps





Make it Real!

"Como transformar 1.000 processos por ano?"



Basic capabilities

- Aplicativos e automações em pequena escala
- Automação pessoal ou somente em equipe
- Conectividade selecionada pronta para uso
- Sharepoint, Excel ou Dataverse para equipes
- Opções limitadas para compartilhar e reutilizar soluções já criadas



Resolva problemas apenas para equipes ou indivíduos



Ganhos de eficiência limitados a indivíduos, equipes ou pequenos departamentos.



A necessidade de troca de solução, entrada de dados repetida e risco de dados ruins

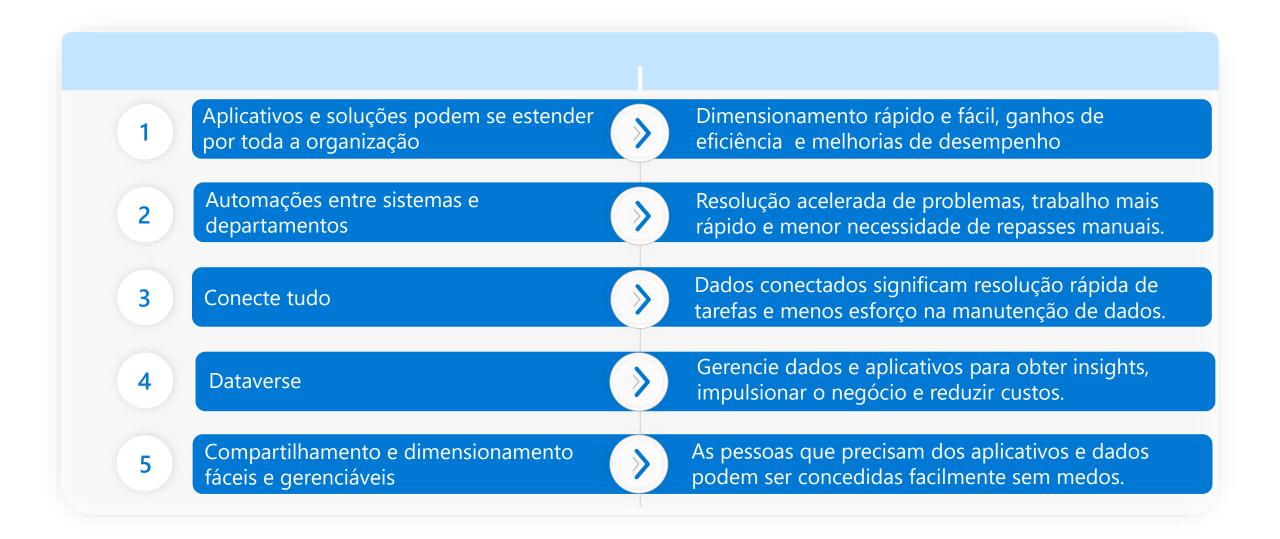


Permite estruturas de dados simples e gerenciamento de acesso limitado a dados.



Construção repetida de aplicativos e automações semelhantes, perda de eficiência.

Premium investment



Impacto do Power Platform premium



4-5x growth

Companies with developer velocity in top quartile experience

McKinsey & Company

McKinsey & Company - Developer Velocity: How software excellence fuels business performance



63%

Improved agility to changes

Forrester

Total Economic Impact of Power Platform Premium Capabilities



Efficiency

23%

Increase in developer efficiency

Forrester

Total Economic Impact of Power Platform Premium Capabilities



Security

91%

better security and visibility around data connections

Forrester

Total Economic Impact of Power Platform Premium Capabilities



Costs

45%

Development cost reduction

63%

Lower costs to develop a large-scale solution using premium connectors and Dataverse

Forrester

Total Economic Impact of Power Platform Premium Capabilities

24%

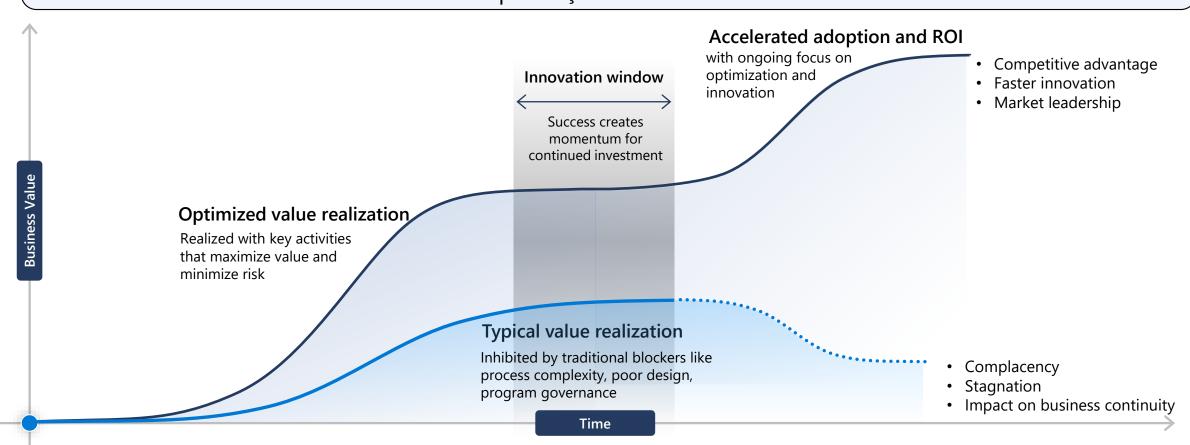
Cost reduction using Power Platform and Azure due increased DevOps efficiency a reducing spending third-party solution

Microsoft

Microsoft Power Platform and Azure for Corporate IT TEI

Maximize seus investimentos com o Microsoft Unified

Acelere seu tempo de implantação com serviços liderados por especialistas, desde o planejamento até a implantação e muito mais



Conte com especialistas para construir seus aplicativos

Com acesso direto aos especialistas da Microsoft, você pode criar aplicativos personalizados usando o Power Platform para resolver desafios de negócios e automatizar processos de negócios

O que você quer alcançar...

- Estabeleça um modelo de governança e padrões e prepare-se para a IA
- Implantação bem-sucedida da plataforma de energia em toda a empresa
- Validação de processos de projeto e desenvolvimento de arquitetura de soluções

Como entregamos...

- Assistência na criação de um Centro de Excelência (COE) para governar a criação de aplicativos e acelerar a adoção em toda a organização
- Orientação prescritiva de especialistas para acelerar a implantação com workshops de Maker e Developer para melhorar as habilidades da equipe
- Revisões técnicas e funcionais para validar planos e abordar problemas e riscos

Saiba Mais

Visite **aka.ms/Enhanced-Solutions** para agendarmos uma sessão com objetivo de determinar como nossas **Soluções Aprimoradas** podem ajudá-lo a alcançar os resultados desejados

Continue sua jornada de conhecimento

Demonstrações técnicas de Power Platform

Eventos no **Microsoft Teams** conduzidos pelos especialistas em Power Platform da Microsoft Brasil. Para participar procure seu **gestor(a) de conta** (AE) ou **especialista** (SSP).



Desenvolvimento de aplicativos

Tópicos

Canvas Apps Microsoft Dataverse Model Driven Apps Power Pages

> **Duração** 03 horas

Saiba mais







Governança e ALM

Tópicos

Governança Segurança Monitoramento Centro de Excelência (CoE) ALM/DevOps

> **Duração** 03 horas

Saiba mais



Hiper automação

Tópicos

Process e Task Mining
Cloud flows (DPA)
Desktop flows (RPA)
Gerenciamento e monitoramento
Hosted machines (VMs SaaS)
Automações e integrações

Duração

03 horas

Saiba mais



Criando copilots com Copilot Studio

Tópicos

Ecosistema Microsoft de copilots Visão geral do Copilot Studio Recursos baseados em IA generativa Automações e integrações

Duração

03 horas

Saiba mais

Continue sua jornada de conhecimento

Power Platform Connect

Site mantido pelos especialistas em **Power Platform** da **Microsoft Brasil**. Nele você encontrará:



Coleção de links oficiais

das soluções que compõem a Power Platform

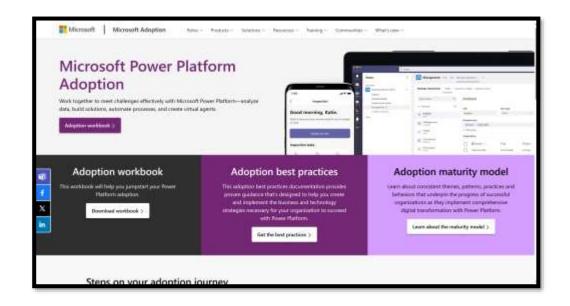


Eventos online

Eventos online promovidos pela Microsoft ou seus parceiros.

Microsoft Power Platform Adoption

Saiba como o low code pode **acelerar** sua transformação digital e como adotar de forma **segura** e **eficiente** a Power Platform em toda a sua organização.



https://microsoft.github.io/powerplatformconnect

https://adoption.microsoft.com/en-us/powerplatform/





Thank you!

Ricardo de Souza

Technology Specialist - Power Platform



in https://www.linkedin.com/in/ricardodesouza/