



# Crónicas de Dataverse: El despertar de Copilot Studio

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SPEAKER

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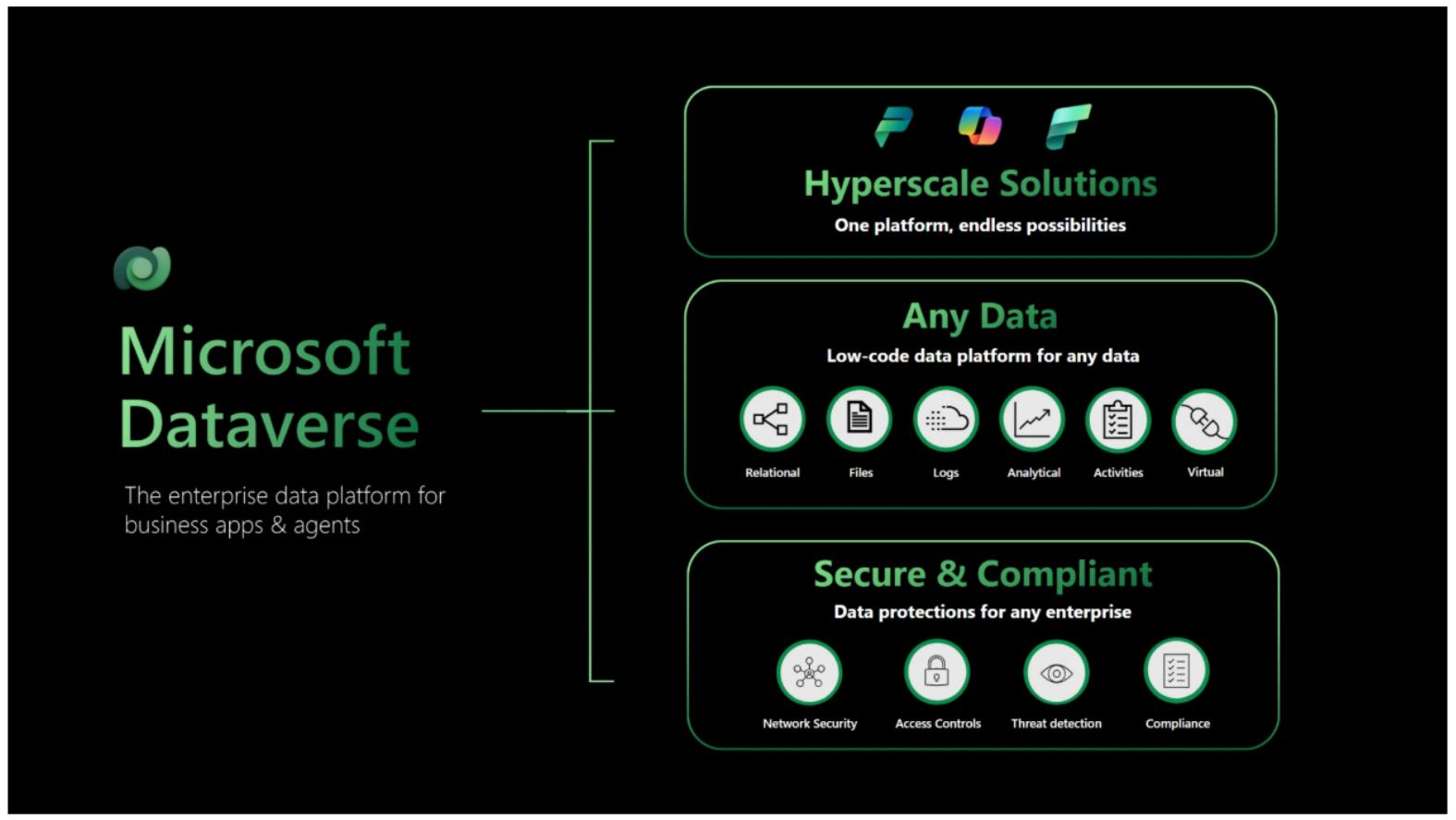
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NEX>TRAINING

# Microsoft Dataverse: Enterprise Data Platform



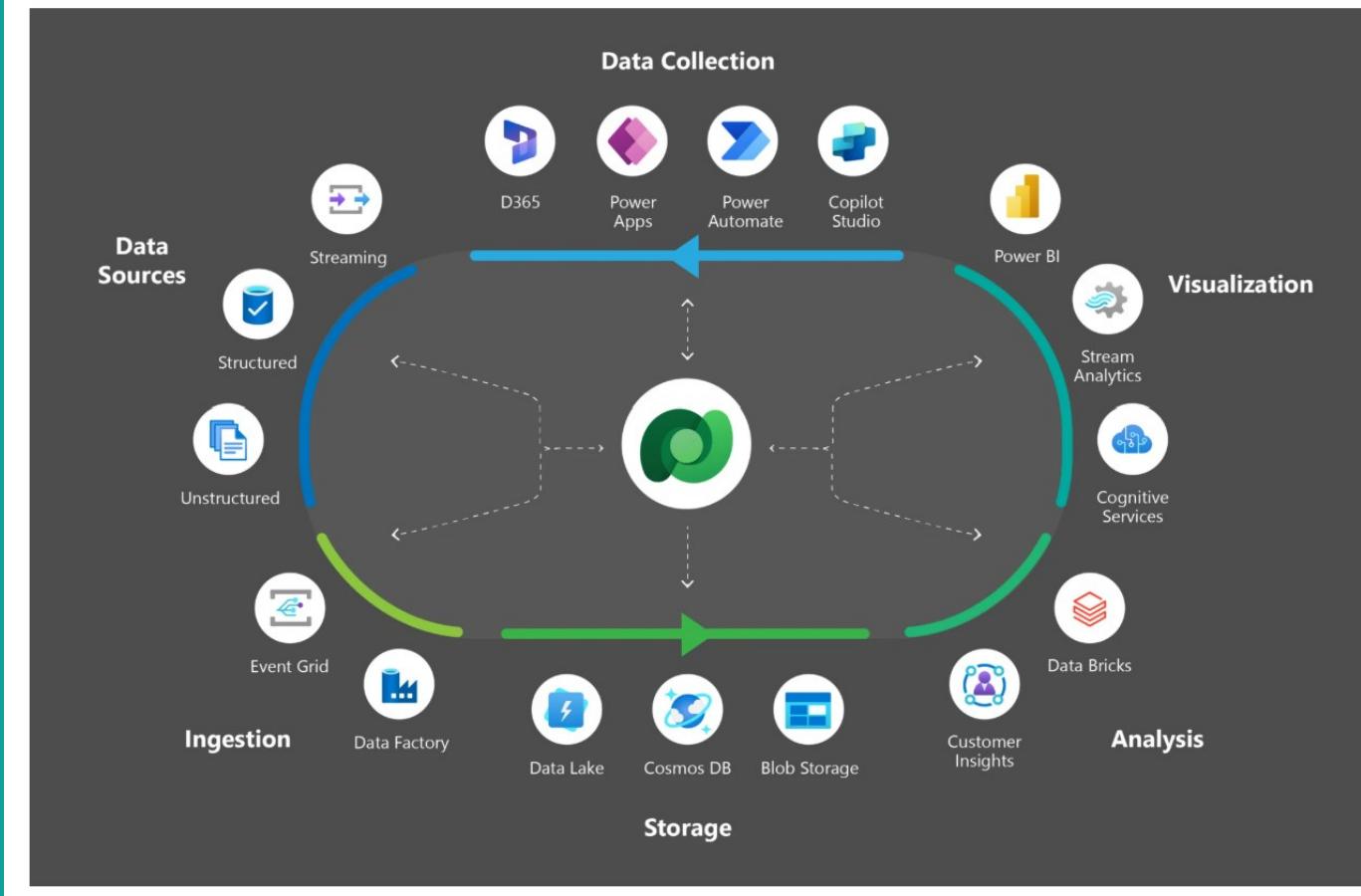
The image shows the Microsoft Dataverse landing page. On the left, there's a large green circular icon with a white 'D' inside. To its right, the text 'Microsoft Dataverse' is displayed in a large, bold, green font. Below it, a subtitle reads 'The enterprise data platform for business apps & agents'. A green bracket on the left side groups three callout boxes on the right. The top box is titled 'Hyperscale Solutions' with the subtext 'One platform, endless possibilities' and features three icons: a blue 'P', a multi-colored 'D', and a green 'F'. The middle box is titled 'Any Data' with the subtext 'Low-code data platform for any data' and features six icons: Relational, Files, Logs, Analytical, Activities, and Virtual. The bottom box is titled 'Secure & Compliant' with the subtext 'Data protections for any enterprise' and features four icons: Network Security, Access Controls, Threat detection, and Compliance.

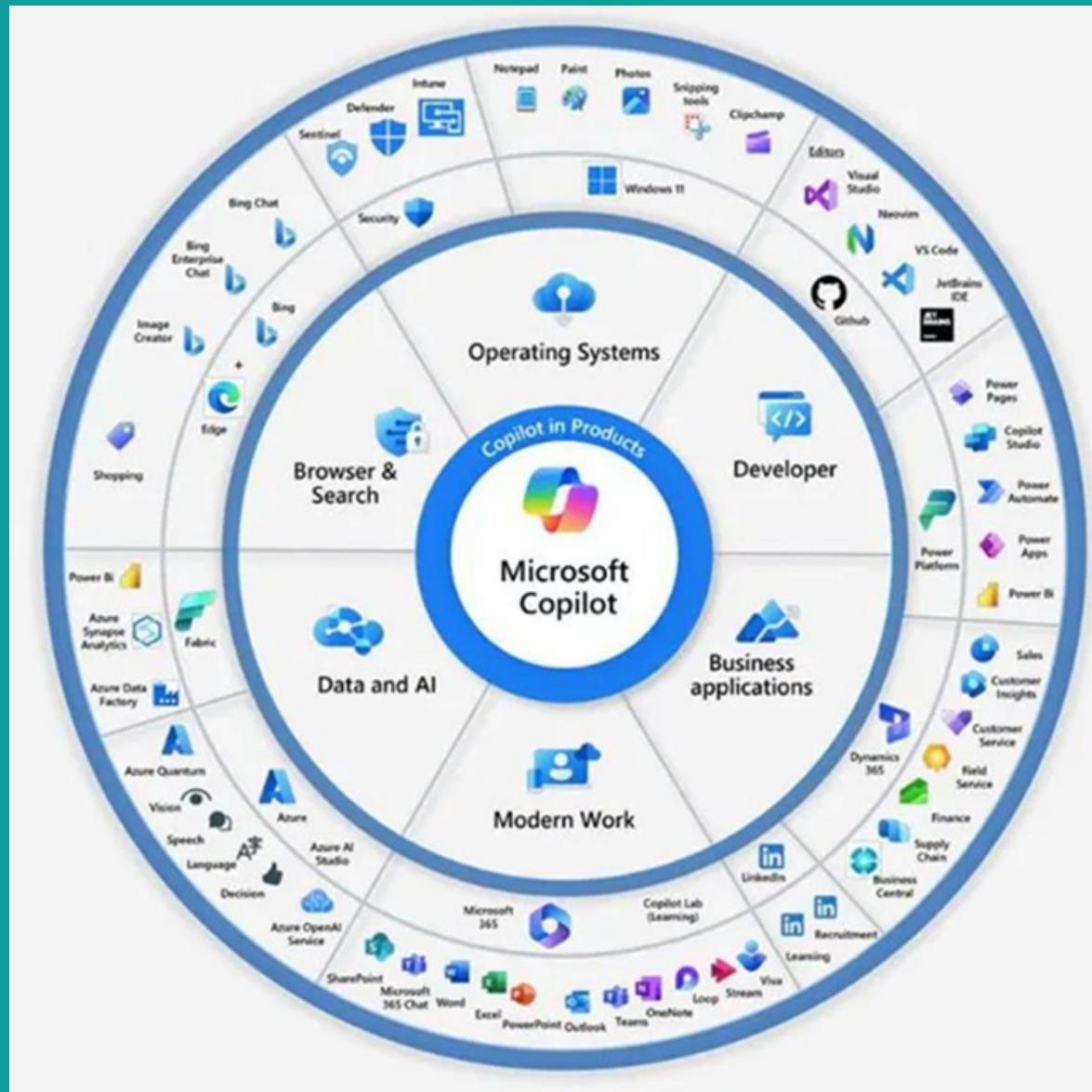
**Hyperscale Solutions**  
One platform, endless possibilities

**Any Data**  
Low-code data platform for any data

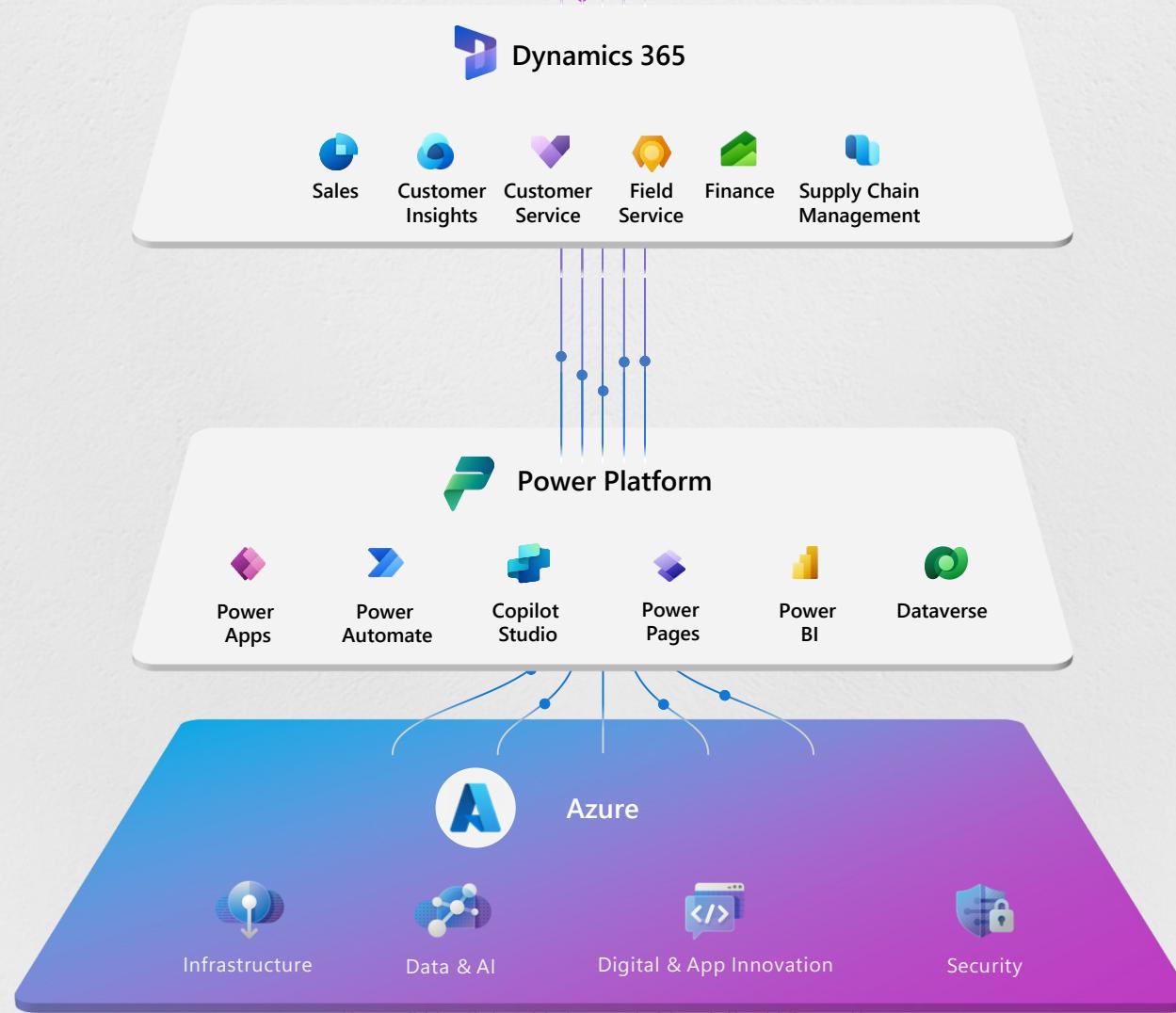
**Secure & Compliant**  
Data protections for any enterprise

# Modern Data Platform Architecture

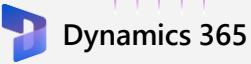
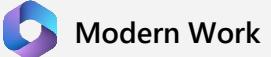




# Enterprise AI Platform



# Enterprise AI Platform



Extensions



Azure



Infrastructure



Data & AI



Digital & App Innovation



Security

# Enterprise AI Platform

Modern Work

Dynamics 365

Digital Contact Center Platform



Power Platform

Power Apps

Power Automate

Copilot Studio

Power Pages

Power BI

Dataverse

Extensions



Azure

Kubernetes Service

App Service

Container Apps

Azure Functions

Logic Apps

API Management

Azure SQL

Cosmos DB

Defender

Entra

Sentinel

Purview

Synapse Analytics

Analysis Services

Fabric

AI Foundry

# Model-Driven Apps - Ultimate Cheat Sheet

Essential reading before starting an MDA project...

## Setting Up For Success

**1) PID Doc.**

"If it's not worth writing down, it's not worth doing."

**PID Document**  
A PID is a business document that defines how your organization works, its processes, roles, and other crucial details. It's the first step in setting up your MDA.

**2) ALM**

The Power Platform ALM Cheat Sheet provides a visual guide to ALM concepts like Relational Data, Standard Tables, Business Logic, and more.

## The Dataverse

**Why Dataverse?**

Dataverse Is The Native Power Platform Database

**Dataverse Table Types**

Feature	SQL	Standard	Business	Type	Custom Model	Microsoft Data	Partners	Example
Relational Data Support	X	A	Y	Y	N	N	N	Customer Relationship Management
Role-based Security	X	A	Y	Y	N	N	N	Employee Record
Scaling to 100K+ Records	A	A	Y	Y	N	N	N	Product Catalog
Business Logic (Rules, Triggers)	X	A	Y	Y	N	N	N	Order Fulfillment
Model-Driven App Support	X	A	Y	Y	Required	N	N	Task Management
Capitol & AI Builder Integration	X	A	Y	Y	N	N	N	Expense Report
Power BI Integrations	A	Y	Y	Y	N	N	N	Financial Reporting
Licensing Cost	Free	Free	Free	Free	Yes	Yes	Yes	Marketing Automation

**Dataverse Core 3**

## Building Your MDA

**Views**

Views are what records the user sees in a MDA list.

**Different View Types**

View Type	Description	Example
Standard View	Shows all records in a list.	Customer List
Advanced Search View	Shows records based on search criteria.	Search Results
Card View	Shows records as cards.	Product Cards
Grid View	Shows records in a grid.	Product Grid
Timeline View	Shows records in a timeline.	Order History
Card Timeline View	Shows records as cards in a timeline.	Order Timeline
Card Grid View	Shows records as cards in a grid.	Product Grid

**Forms**

A Form is the user's single-record experience in a MDA.

**Business Rules**

A business rule is a no-code logic snippet that applies to a table or form.

**Security Groups Vs Security Roles**

**Security Role Editor**

## Extending Your MDA

**Why JavaScript is essential in MDA's:**

- Missing Business Rule Features
- Instant field changes and validation
- Complex Business Logic
- Extending the Modern Carousal Bar
- Developer Growth

**MDA Extension Options**

- Customize the gap
- Automatically build a Model-Driven App
- Use Business Processes (BPs) to structure repeatable processes in your MDAs so staff don't get confused.
- Use Power Automate to automate repetitive tasks, run approvals, and make automatic changes to data.
- Configure a Copilot Studio agent for your MDA to help your staff with Gen AI capabilities.

**MDA Forms - JS Best Practices**

Best Practice	Who It Matters	Bad Word Example
Keep your code clean	Business users	JavaScript spaghetti code, nested loops, etc.
Use Business Processes (BPs) to structure repeatable processes in your MDAs so staff don't get confused.	Business users	JavaScript spaghetti code, nested loops, etc.
Use Power Automate to automate repetitive tasks, run approvals, and make automatic changes to data.	Business users	JavaScript spaghetti code, nested loops, etc.
Configure a Copilot Studio agent for your MDA to help your staff with Gen AI capabilities.	Business users	JavaScript spaghetti code, nested loops, etc.

Download this cheat sheet high-resolution and join 1000s of Power Platform professionals on [powercademy.com](https://www.powercademy.com)

# Power Platform 2025 Skill Market

The skills hiring managers are paying for now

**1) Dataverse**

**HOW TO LEARN IT**

- MS Learn Dataverse Learning Path
- Model-Driven Masterclass - Join our program to learn Dataverse from the ground up.
- Model-Driven Apps - Speaking of MDA, they're a great way to get started with Power Platform.
- Ultimate Data Model - Great introduction to an awesome video.
- Official MS Dataverse Documentation - Straight from the source.
- Data Foundations - Go to the next section to build your data foundations.
- Microsoft Fabric - You don't have to be an expert, but just understand the basics of data and data pipelines.
- Azure Data Factory - Not used myself, but have seen integrations.
- Words of wisdom: Model the business, not the screen.

**WHAT IS IT?**

Microsoft's secure, scalable data platform, native for Power Platform/Dynamics 365.

**2) Core Data Skills**

**HOW TO LEARN IT**

- DP-400: Azure Data Fundamentals - Follow the Microsoft Data Fundamentals course.
- Kinggröße - Learn SSDT and to perform data tasks.
- Relational Data - Understanding relational data is key to creating effective data models.
- Model-Driven Masterclass - Join our program to learn core data skills from the ground up.
- Ultimate Data Model - Great introduction to an awesome video.
- Official MS Dataverse Documentation - Straight from the source.
- Data Foundations - Go to the next section to build your data foundations.
- Microsoft Fabric - You don't have to be an expert, but just understand the basics of data and data pipelines.
- Azure Data Factory - Not used myself, but have seen integrations.
- Words of wisdom: Model the business, not the screen.

**WHAT IS IT?**

The foundations that make your solutions reliable: relational data, normalization, and basic performance + security knowledge.

**3) Model-Driven Apps**

**HOW TO LEARN IT**

- Power Academy Success Kit - Free resource including plenty of cheat sheets and more to help you learn.
- Model-Driven Masterclass - Build your skills from the ground up, from the basics to advanced.
- Full Stack MDA Course - Take this course to learn how to build MDA from scratch.
- PL-300 - This certificate's learning path covers the basics of MDA.
- Applied Skills - Ready when you need them.
- MDA Overview - Does it really matter if you can't learn MDA? No, but it's important for anyone on time.
- Words of wisdom: Model the data, then design the app. Every time.

**WHAT IS IT?**

A data-first app framework that sits on Dataverse and gives you secure CRUD out of the box. You design tables, forms, views, and business process flows, and the platform generates a responsive, role-aware app with auditing and search.

**4) Copilot Studio & Agents**

**HOW TO LEARN IT**

- AI-100 Certification - A great starting point to build your AI and Machine Learning foundation.
- Copilot Studio Academy - Follow the Microsoft Copilot learning I am finding.
- AI-100 Certification - Learn to build AI Agents and build AI solutions that leverage Azure AI.
- PL-300 - This certificate's learning path covers the basics of MDA.
- Applied Skills - Ready when you need them.
- MDA Overview - Does it really matter if you can't learn MDA? No, but it's important for anyone on time.
- Words of wisdom: Model the data, then design the app. Every time.

**WHAT IS IT?**

A low-code studio for building AI copilots/agents that answer questions, trigger actions, and hand off to humans.

**5) Process Automation**

**HOW TO LEARN IT**

- MS Power Automate Doc - What reference from the source.
- Power Automate Learning Path - Follow the Microsoft Learning Path to training Microsoft offers.
- AI Builder Official Docs - Use the Microsoft AI Builder documentation on the AI Builder from Microsoft.
- AI Builder Introduction - Overview video to grasp the basics of the AI Builder.
- Domain Model - Master of Power Automate, Flow, and Copilot Agent Flow. Subscribe to keep up.
- PL-300 Certification - Double down on your Power Automate skills.
- Words of wisdom: If you can't handle it, let me handle it.

**WHAT IS IT?**

Power Automate is the orchestration layer for the Power Platform - connecting Dataverse, Microsoft 365, Dynamics 365, and external SaaS to move data and trigger processes. AI Builder can help bring more powerful AI automations to those processes, complementing them through custom & pre-built models.

**6) ALM (Application Lifecycle Management)**

**HOW TO LEARN IT**

- Power Platform ALM Cheat Sheet
- Solution Layering 101 - Solution layering is a great way to understand Power Platform ALM.
- Power Platform ALM Doc - If you want to learn more about ALM, follow this Microsoft reference.
- Power DevOps - ALM Guru and Power Platform Guru have the highest and most comprehensive ALM resources.
- Power Pipelines Intro - Follow the Microsoft Power Pipelines deployment from start to finish.
- Power Pipelines Docs - Set up Power Pipelines with the official Microsoft documentation.
- Words of wisdom: Unmanaged is the devil.

**WHAT IS IT?**

The discipline and tooling to move Power Platform solutions from Dev + Test + Prod safely and repeatedly. It covers how you package work as solutions, control environments and permissions, automate build/test/execute pipelines (CI/CD/Build Tools), and manage config per environment.

**7) Power Pages**

**HOW TO LEARN IT**

- Power Pages in a Day - A great starting point to get your Power Pages up and running.
- Francesco Massa - Power pages expert, and an around great guy to follow on LinkedIn.
- Nick Goodman - Incredible video and blog posts around Power Pages.
- Ultiqa Alberoni - Has a great blog and YouTube channel.
- Official Power Pages Documentation - Straight from the source.
- Podcast w/Indy Wriggle - Listen to an awesome podcast on our Power Pages expertise.
- Words of wisdom: It's not like code.

**WHAT IS IT?**

A low-code tool to build external-facing webpages on top of Dataverse. You design pages and forms that make the Dataverse data and extend and Power Automate, JavaScript, CSS, and Liquid. You pretty much always need JavaScript, CSS, and Liquid. Currently, it's the only way to expose Dataverse to non-tenant users.

**8) D365 Business Central**

**HOW TO LEARN IT**

- Training for Business Central - See all official Microsoft Learning Paths.
- Podcast w/Indy Wriggle - We discuss the what, why, and how of Business Central.
- Heidi Grönqvist - Speaking of MDA, they're a great way to get started with Power Platform.
- Andrew Wriggle - A great resource to follow for Business Central news.
- Official MS Documentation - Straight from the Microsoft website.
- BC WhatsApp Feed - Keep up with Business Central using this WhatsApp feed.
- Words of wisdom: Unmanaged is the devil.

**WHAT IS IT?**

Microsoft's ERP for sales, purchasing, inventory, projects, and light manufacturing. Can be connected to the Dataverse using Virtual Tables and Integration.

Download this cheat sheet high-resolution and join 1000s of Power Platform professionals on [powercademy.com](https://www.powercademy.com)

Aspecto	App	Agente
Interacción	Directa y manual	Autónoma o semiautónoma
Inteligencia	Limitada o nula	Basada en IA o lógica
Objetivo	Ejecutar tareas específicas	Cumplir metas o ayudar al usuario
Ejemplo de uso	Abrir y usar una app de mapas	Pedirle al agente que te lleve a una dirección

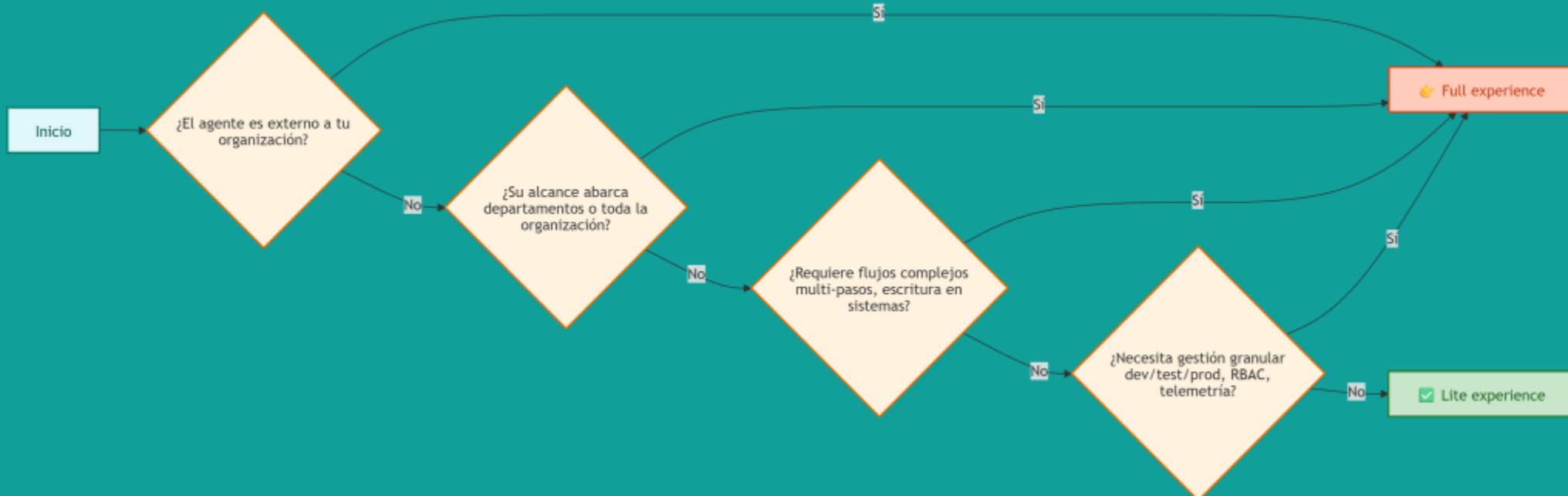
Aspecto	Agente	Agente autónomo
Autonomía	Limitada	Alta
Necesita supervisión	Sí, generalmente	No necesariamente
Toma decisiones propias	No (o muy básicas)	Sí, basadas en objetivos
Ejemplo	Chatbot de atención al cliente	Asistente de IA que gestiona tareas

# Microsoft Agentic Ecosystem

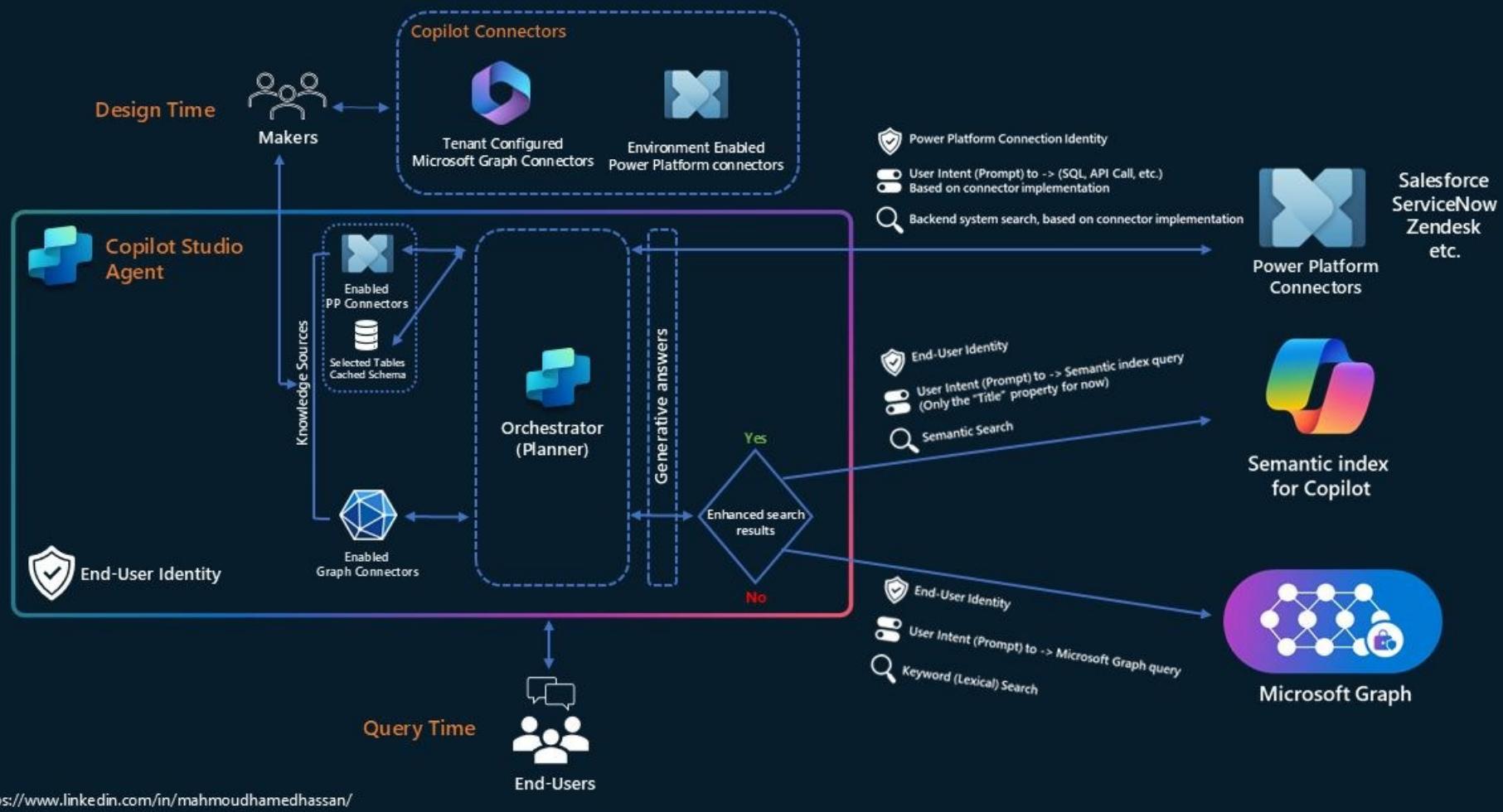
Build and extend across your integrated Microsoft platform

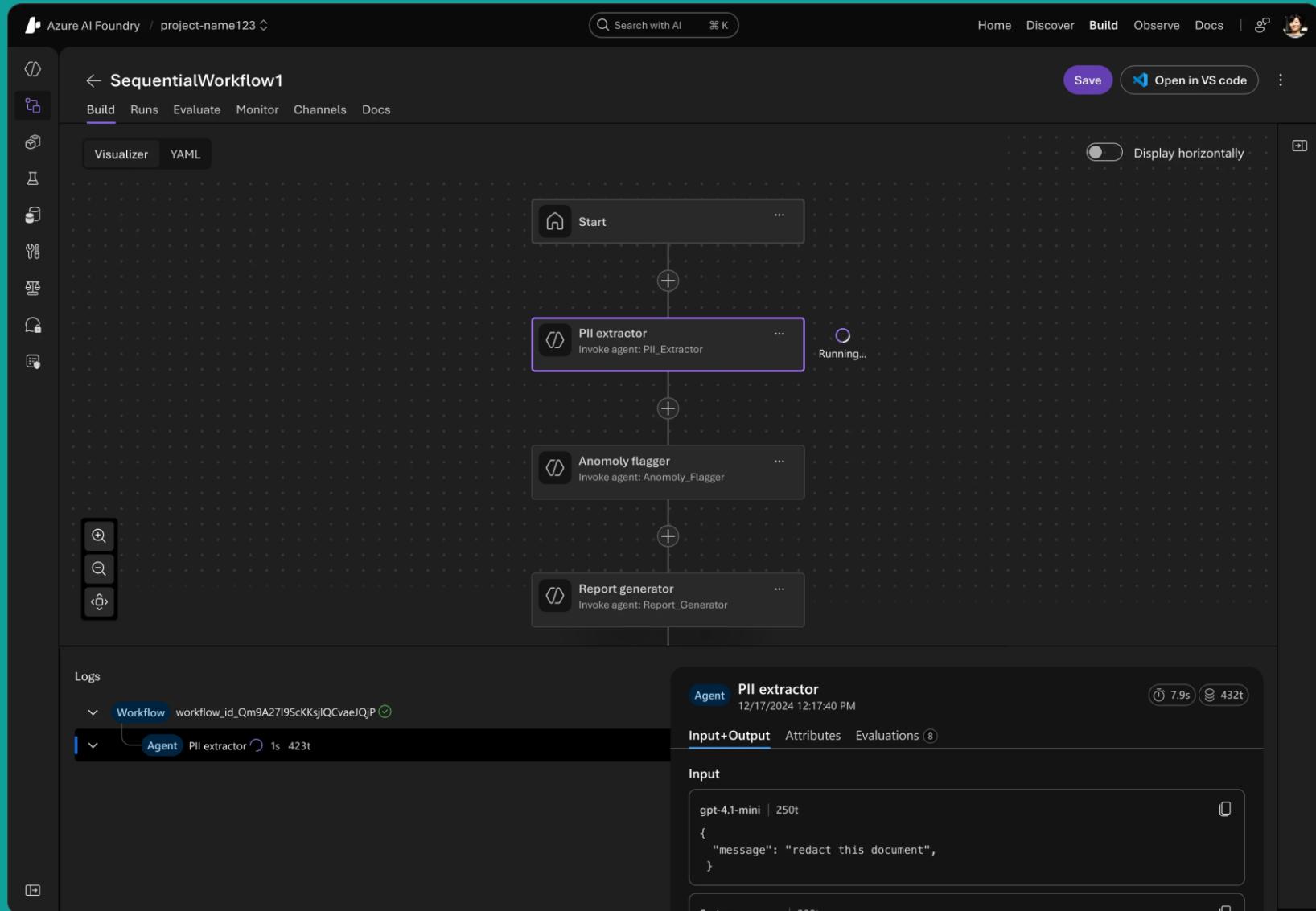


# Copilot Studio Full versus Light



# Microsoft Copilot Studio - Copilot Connectors





# AI Decision Matrix: Which One Should I Use?

AI Tool	Best For	Key Features	Difficulty/Skill Required
M365 Copilot 	Individual productivity, content generation, data analysis.	Integrated with Office apps, natural language queries, content summarization.	1 star
AI Builder 	Document processing, prediction models, object detection.	Pre-built models, custom model training, Power Apps/Flow integration.	2 stars
Copilot Studio 	Custom chatbots, process automation, knowledge base creation.	Low-code bot building, topic branching, human handoff.	3 stars
Azure AI Foundry 	Complex AI requirements, enterprise-scale solutions.	Advanced ML models, custom neural networks, high-performance AI	5 stars



## Add a Model Context Protocol server (Preview)

X



### Model Context Protocol

Server name \*

Server name...

Server description \*

Describes the purpose of the server...

Server URL ⓘ \*

Streamable endpoint

ⓘ Enter the complete server path to continue

#### Authentication

None  API key  OAuth 2.0

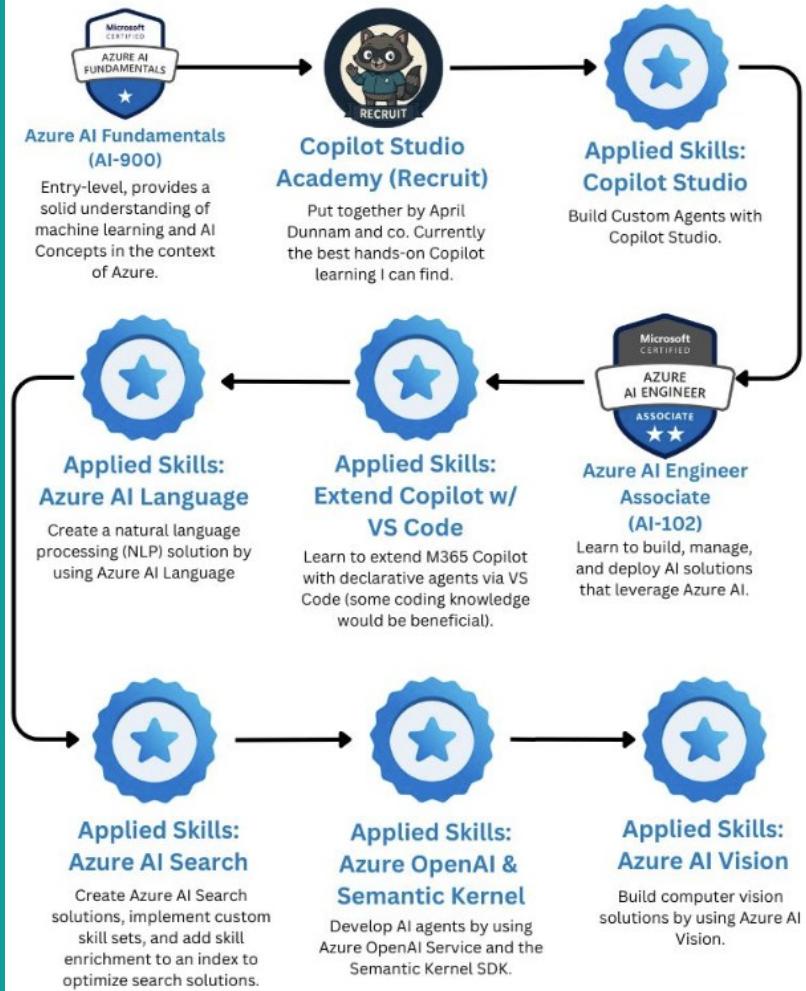
Create

Back

0/2000



## Agent Expert Certification Roadmap



<https://microsoft.github.io/agent-academy/recruit/>

# Traditional vs Generative Pages

	Traditional Power Apps	Generative Pages
UI Creation	Drag-and-drop only	AI-assisted + Drag-and-drop
Code Customization	Limited	Full React/TypeScript
Security & Governance	Manual	Natural language prompts
Learning Curve	Moderate	Enterprise-grade
Learning Curve	Medium	Very Low for Makers

The screenshot shows the Copilot Studio Agent interface. On the left sidebar, there are icons for Home, Create, Agents, Flows, Tools, and three dots. The main navigation bar includes Agent, Overview, Knowledge, Tools, Agents, Topics, Activity, Analytics, and Channels. The search bar has a magnifying glass icon, and the top right features Publish, Settings, and Test buttons.

**Activity map** section:

- A card for "Get emails (V3)" is highlighted with a red border and labeled "Incomplete".
- Below it, another card for "Get emails (V3)" is also labeled "Incomplete".

**Test your agent** section:

- A message from the AI agent: "Hello, I'm Agent, 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." with a timestamp "Just now".
- A button to "Check requests from customers".
- An error message: "Error Message: This message was blocked by threat detection tools. Error Code: SecurityWebhookBlocked Conversation Id: cd37031dc17a-4a0b-a5c3-fe3919e895bc Time (UTC): 2025-09-03T09:44:45.423Z".
- A text input field: "Ask a question or describe what you need" with a character limit of "0/2000".
- A note at the bottom: "Make sure AI-generated content is accurate and appropriate before using. [See terms](#)".



# IT'S DEMO TIME

COPILOT

# Para estar al día



Magda Teruel



David Hurtado



Toni Granell



Ramón Rautenstrauch

# ¿Preguntas?



**iGracias!**



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