Microsoft Power Platform

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Microsoft Power Platform Live webinar

Key take-aways fra European Power Platform Conference 2024

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Dagens værter

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Consultant, Inspari

Jon Stjernegaard

Senior Consultant, Inspari

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Agenda

1. Velkommen & introduktion til Inspari
2. Nyheder fra EPPC24
3. Hot Takes fra konferencen
4. Power Platform 💔 Microsoft Fabric
5. Andre take-aways
6. Spørgsmål

INSPARI
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We deliver end-to-end
data, AI & analytics offerings

Strong existing client base with 90% recurring revenue

Founded in 2007 with strong growth journey

Top 3 leading Microsoft partner

Technologies

Microsoft

snowflake

databricks

Qlik

tableau

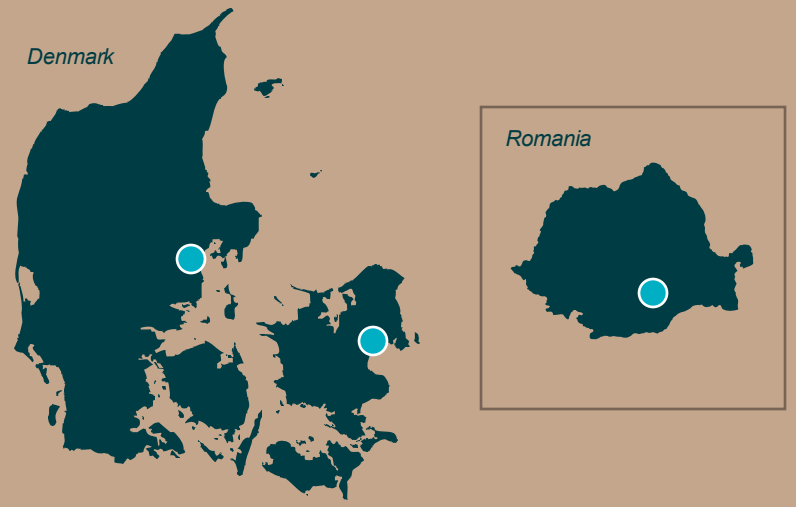
We live our promise:
we make data and AI work for you

5 dedicated full-circle teams

More than 800 customers

30M € in revenue

Locations



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valantic in a nutshell: make digital happen

We help organisations to …

…design your digital transformation journey

…succeed with M&A transactions & corporate performance management

Focus of this snapshot

…make data & AI work

…transform for customer centricity

…use core technologies to drive business impact

…optimize your end-to-end operations & processes

>4,000
valantic experts

~500
blue chip clients

>600 mln
EUR revenues 2024e

valantic

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Winner of Microsoft Partner Awards 2024
Intelligent Data Platform

"Congratulations to Inspari for winning the Intelligent Data Platform Partner Award 2024!

***Inspari has delivered, designed, and deployed outstanding solutions on Azure using data technologies showcasing expertise in building effective and scalable solutions**.*

Inspari is also focused on building a scale engine leveraging programs to accelerate customer value."

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Power Platform Nyheder

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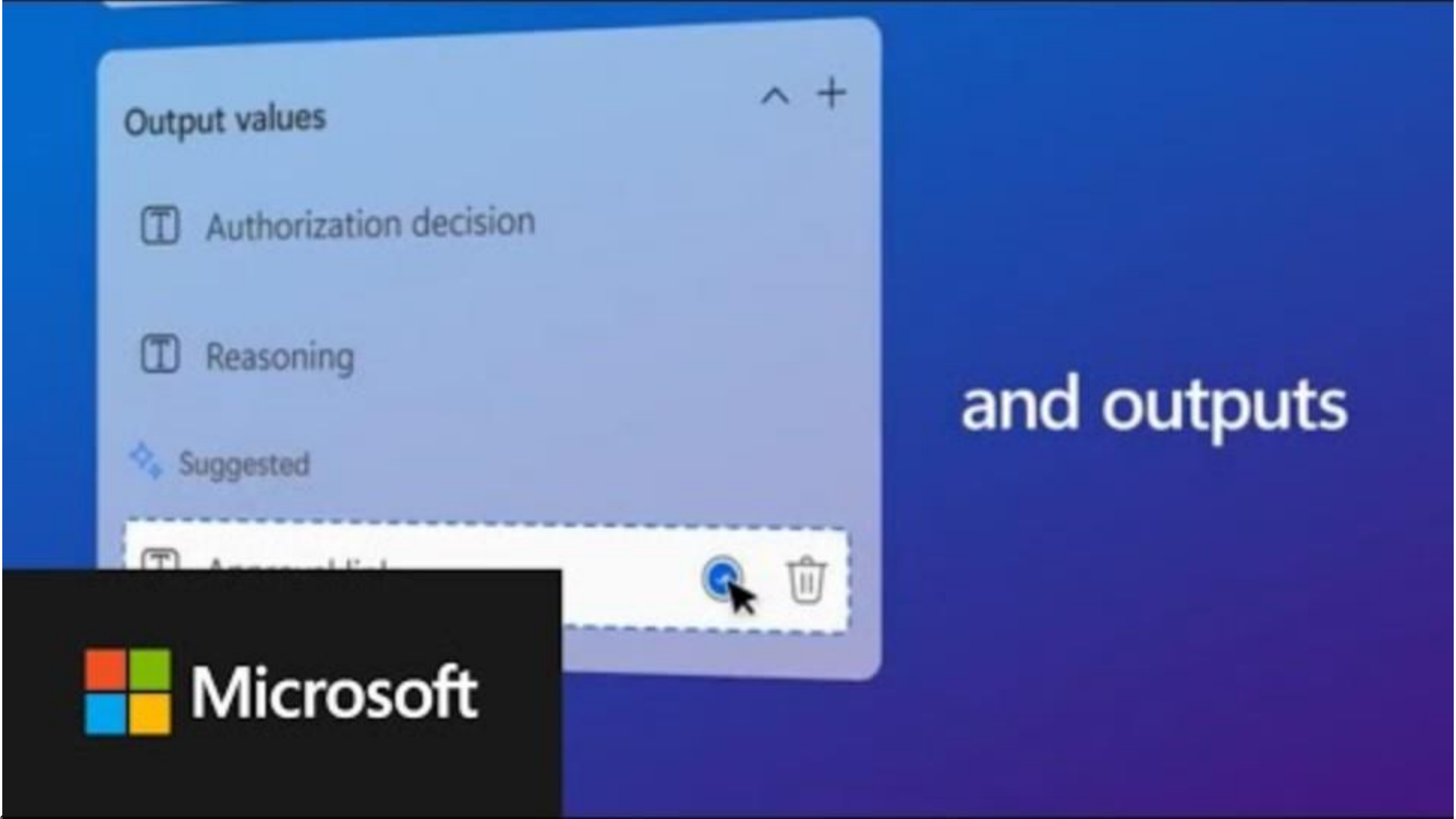
AI flows
- Building with Copilot


Output values
Authorization decision
Reasoning
Suggested
and outputs
Microsoft

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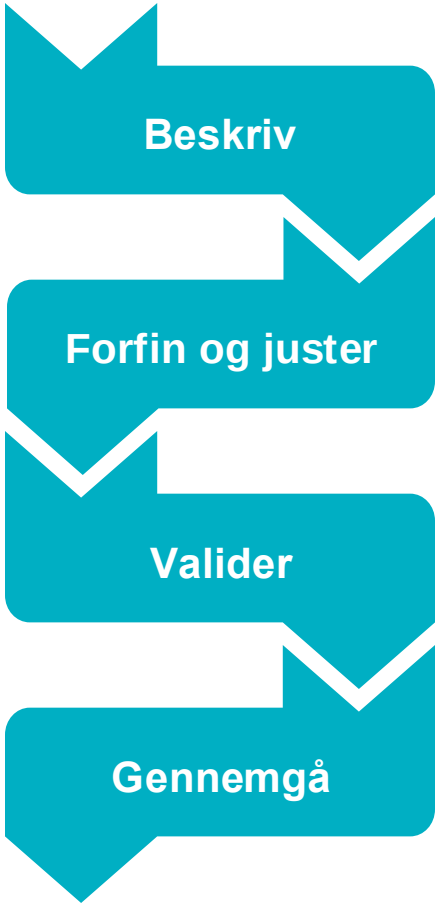
Steps for at bygge AI flows



1. Beskriv målet med din proces i naturligt sprog, og lad AI udvikle flowet.

2. Forfin flowet genereret af LLM og juster input, output og variabler efter behov. Tilføj referencekilder og retningslinjer i ”naturligt sprog”, der påvirker LLM'et, når det udfører flowet.

3. Valider flowet ved at gennemgå, hvordan AI-flowet opnår forretningsmålet, inden flowet flyttes til produktion.

4. Gennemgå produktionsforløbshistorik, analyser og individuelle flowkørselsdetaljer for at sikre, at din proces lever op til forventningerne.

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Fra “Show” til “Show and Tell”

- Multimodal AI recording

Experience the difference with AI powered desktop recording

Microsoft

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En som forstår alle de mærkelige manuelle processer, man sidder og laver… Og så klarer dem for dig.

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Self-healing AI

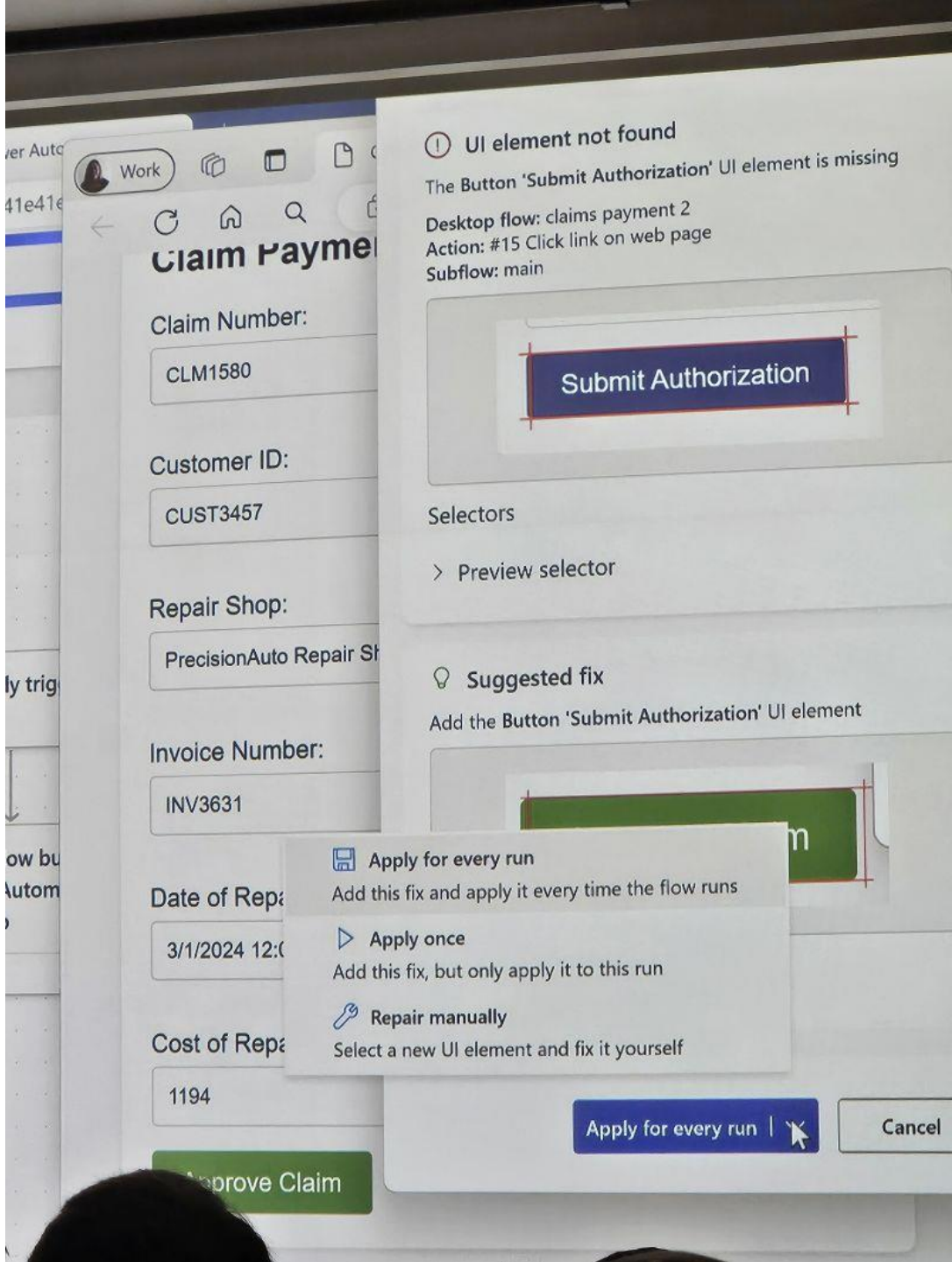
REMEMBER
Screen understanding
WITH GREAT POWER COMES GREAT
RESPONSIBILITY
yarn.co

Self-healing UI

- Denne funktion er til Power Automate til desktop brugere, der automatiserer UI- og webinteraktions-scenarier. Det forbedrer succesraterne og håndterer sager, hvor UI-elementer ikke kan findes.

- Ved at bruge AI Recorder i desktop flows kan man få anbefalinger til at fikse ens flow. Du skal bare godkende anbefalingerne.

- Public preview: Jun 2024
- General availability: Sep 2024



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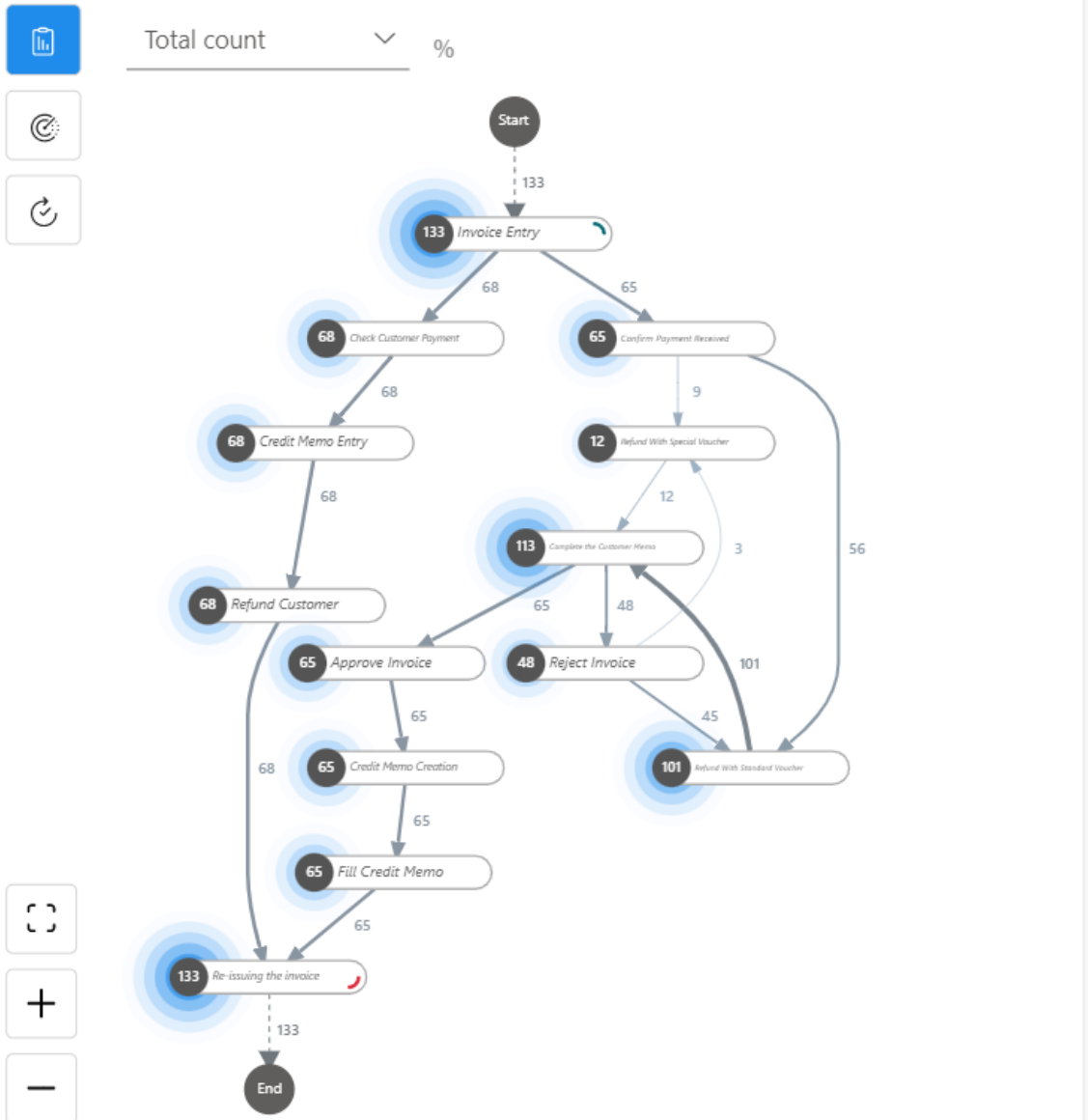
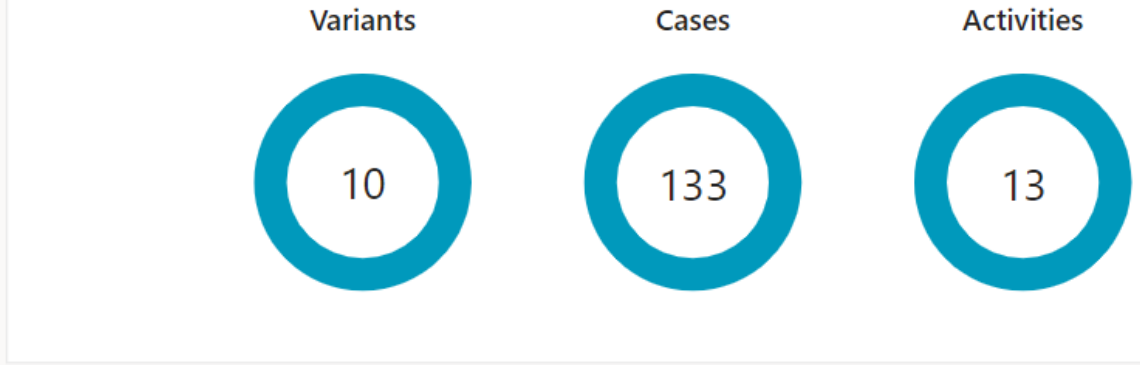
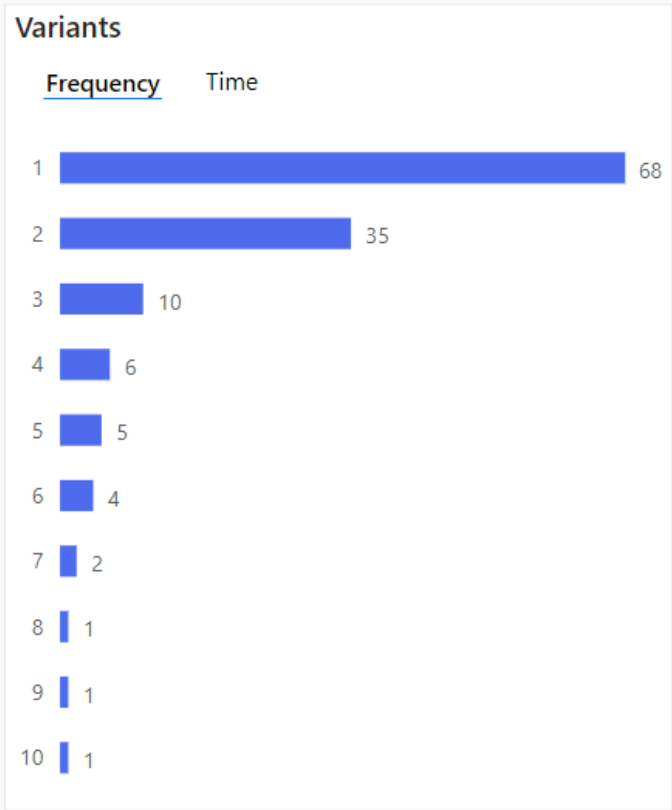
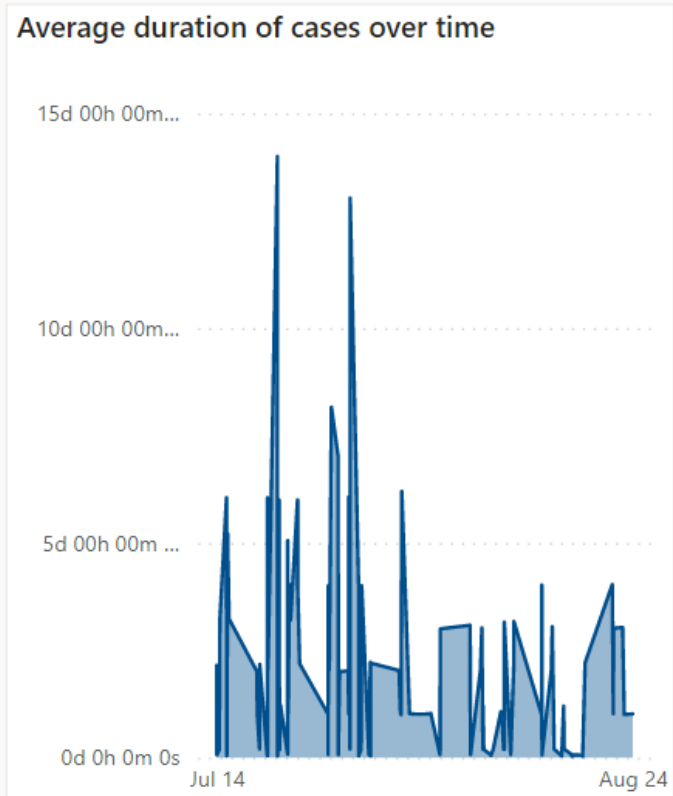
Process mining
- Og Copilot i Process mining

Median case duration	Average case duration	Self loop cases %	Loop cases %	Rework cases %	Resource count
1.23 Days	2.29 Days	0.00%	18.05%	18.05%	8









Processes > ADO process > **Overview**

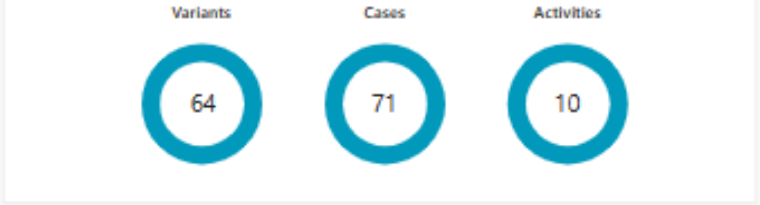
Last updated October 6 at 12:26 PM

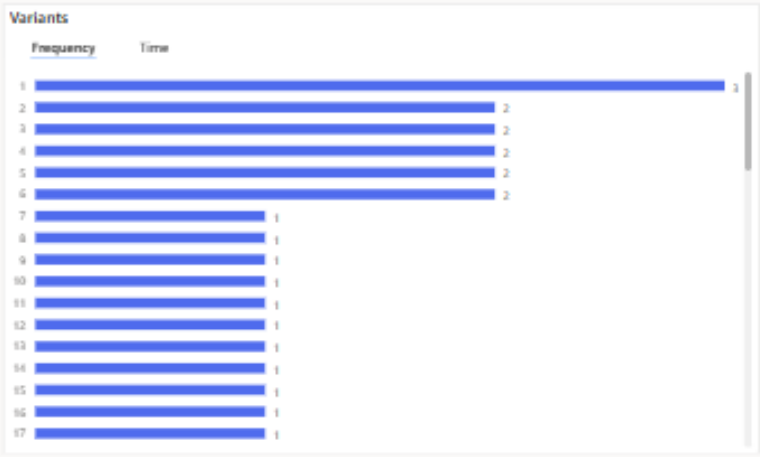
Refresh data

Summary | Map | Variant DNA

Filters | Clear filters

Average case duration	Self loop cases %	Loop cases %	Rework cases %
10.11 Days	60.56%	76.06%	92.96%





PREVIEW

Copilot Preview

Welcome to Copilot in Process Mining

Be more efficient than ever with AI assistance. Simply tell Copilot in Process Mining what you want to do and it will help you get started.

Try one of these examples to get started

- Provide the top insights
- Summarize my process
- Chat about my process

Ask a question about process mining

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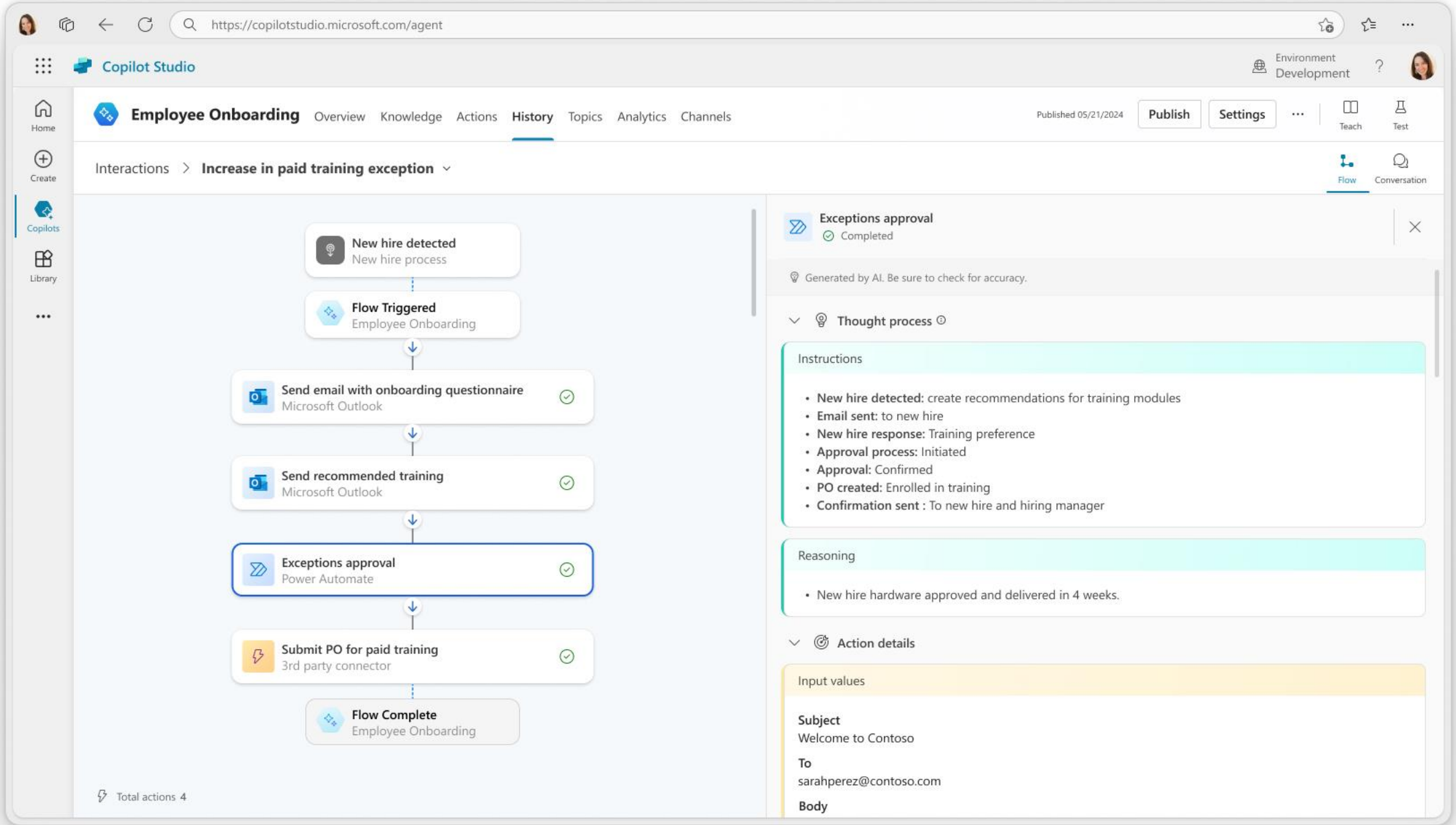
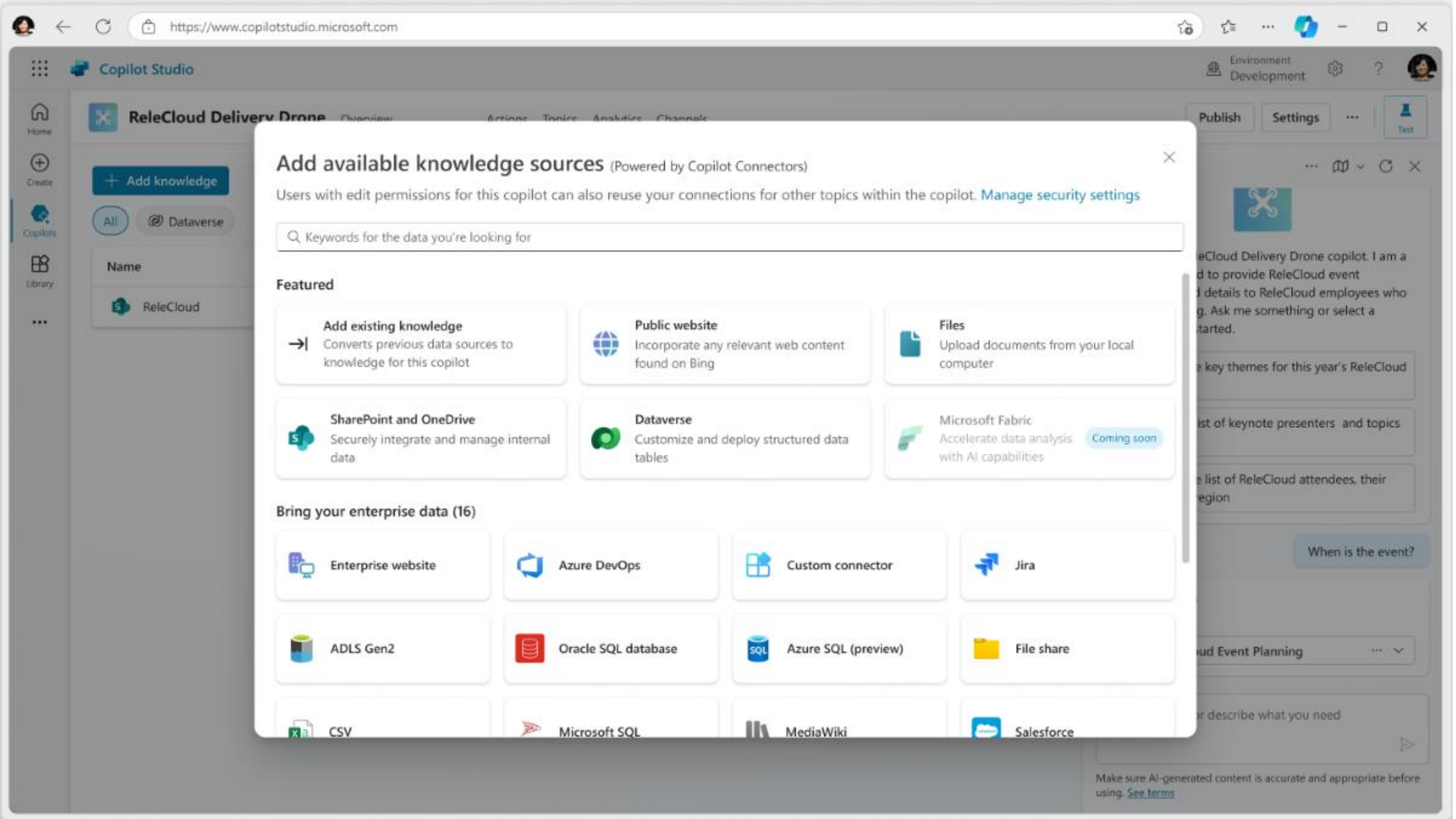
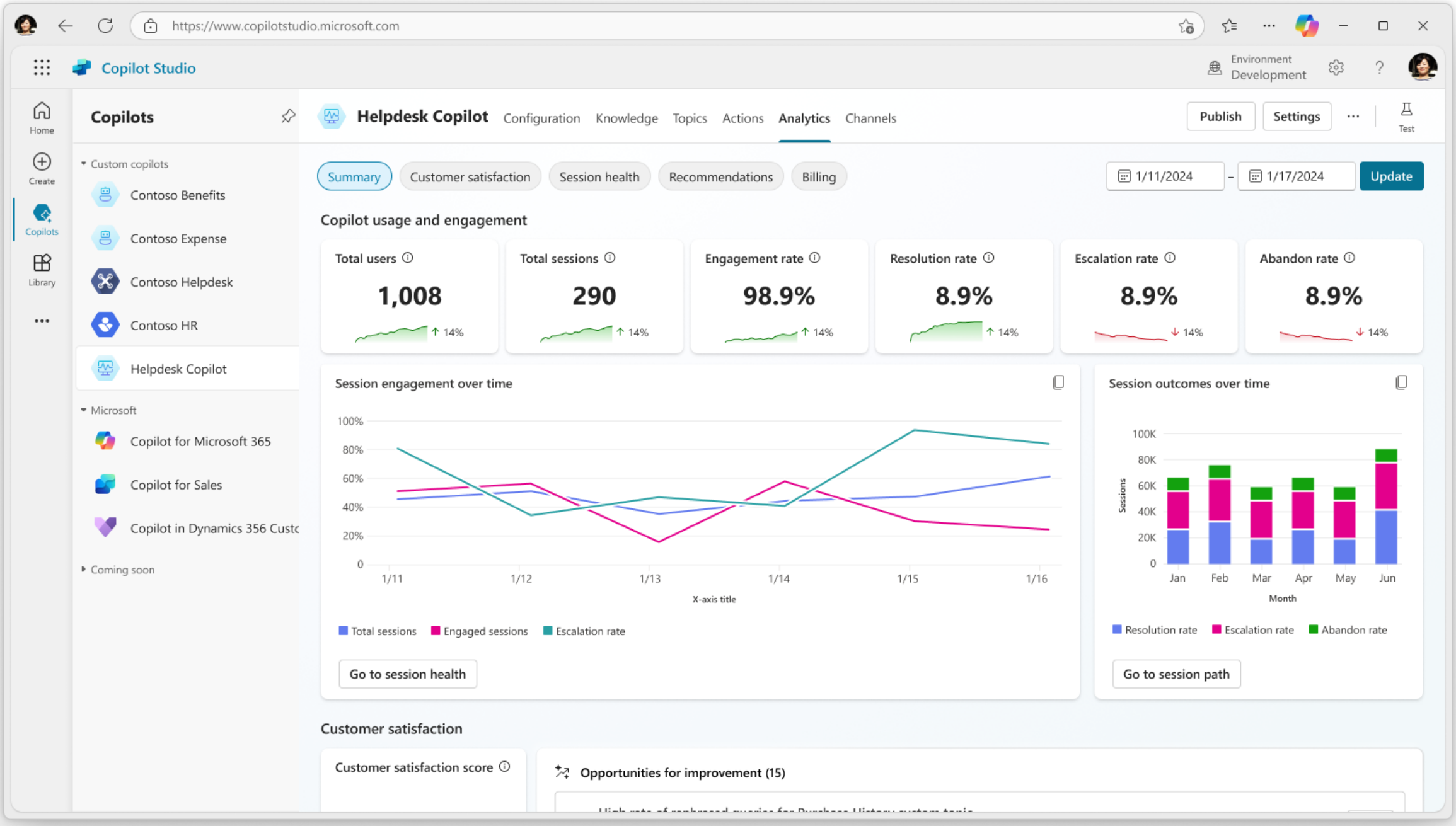
Copilot Studio:

Autonome Copilots med ‘Agent’ potentiale


https://copilotstudio.microsoft.com/agent
Copilot Studio
Environment
Development
Home
Create
Copilots
Library
Employee Onboarding
Overview
Knowledge
Actions
History
Topics
Analytics
Channels
Published 05/21/2024
Publish
Settings
Teach
Test
Interactions
Increase in paid training exception
Flow
Conversation
New hire detected
New hire process
Flow Triggered
Employee Onboarding
Send email with onboarding questionnaire
Microsoft Outlook
Send recommended training
Microsoft Outlook
Exceptions approval
Power Automate
Submit PO for paid training
3rd party connector
Flow Complete
Employee Onboarding
Total actions 4
Exceptions approval
Completed
Generated by AI. Be sure to check for accuracy.
Thought process
Instructions
New hire detected: create recommendations for training modules
Email sent: to new hire
New hire response: Training preference
Approval process: Initiated
Approval: Confirmed
PO created: Enrolled in training
Confirmation sent : To new hire and hiring manager
Reasoning
New hire hardware approved and delivered in 4 weeks.
Action details
Input values
Subject
Welcome to Contoso
To
sarahperez@contoso.com
Body


https://www.copilotstudio.microsoft.com
Copilot Studio
Environment
Development
ReleCloud Delivery Drone
Overview
Actions
Topics
Analytics
Channels
Publish
Settings
Test
Home
Create
Copilots
Library
Add knowledge
All
Dataverse
Name
ReleCloud
Add available knowledge sources (Powered by Copilot Connectors)
Users with edit permissions for this copilot can also reuse your connections for other topics within the copilot. Manage security settings
Keywords for the data you're looking for
Featured
Add existing knowledge
Converts previous data sources to knowledge for this copilot
Public website
Incorporate any relevant web content found on Bing
Files
Upload documents from your local computer
SharePoint and OneDrive
Securely integrate and manage internal data
Dataverse
Customize and deploy structured data tables
Microsoft Fabric
Accelerate data analysis with AI capabilities
Coming soon
Bring your enterprise data (16)
Enterprise website
Azure DevOps
Custom connector
Jira
ADLS Gen2
Oracle SQL database
Azure SQL (preview)
File share
CSV
Microsoft SQL
MediaWiki
Salesforce
When is the event?
Make sure AI-generated content is accurate and appropriate before using. See terms


https://www.copilotstudio.microsoft.com
Copilot Studio
Environment
Development
Home
Create
Copilots
Library
Copilots
Custom copilots
Contoso Benefits
Contoso Expense
Contoso Helpdesk
Contoso HR
Helpdesk Copilot
Microsoft
Copilot for Microsoft 365
Copilot for Sales
Copilot in Dynamics 356 Custc
Coming soon
Helpdesk Copilot
Configuration
Knowledge
Topics
Actions
Analytics
Channels
Publish
Settings
Test
Summary
Customer satisfaction
Session health
Recommendations
Billing
1/11/2024
1/17/2024
Update
Copilot usage and engagement
Total users
1,008
14%
Total sessions
290
14%
Engagement rate
98.9%
14%
Resolution rate
8.9%
14%
Escalation rate
8.9%
14%
Abandon rate
8.9%
14%
Session engagement over time
100%
80%
60%
40%
20%
0
1/11
1/12
1/13
1/14
1/15
1/16
X-axis title
Total sessions
Engaged sessions
Escalation rate
Go to session health
Session outcomes over time
100K
80K
60K
40K
20K
0
Sessions
Jan
Feb
Mar
Apr
May
Jun
Month
Resolution rate
Escalation rate
Abandon rate
Go to session path
Customer satisfaction
Customer satisfaction score
Opportunities for improvement (15)

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Hot Takes fra EPPC

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Low-Code er død. Længe leve Fusion-Development

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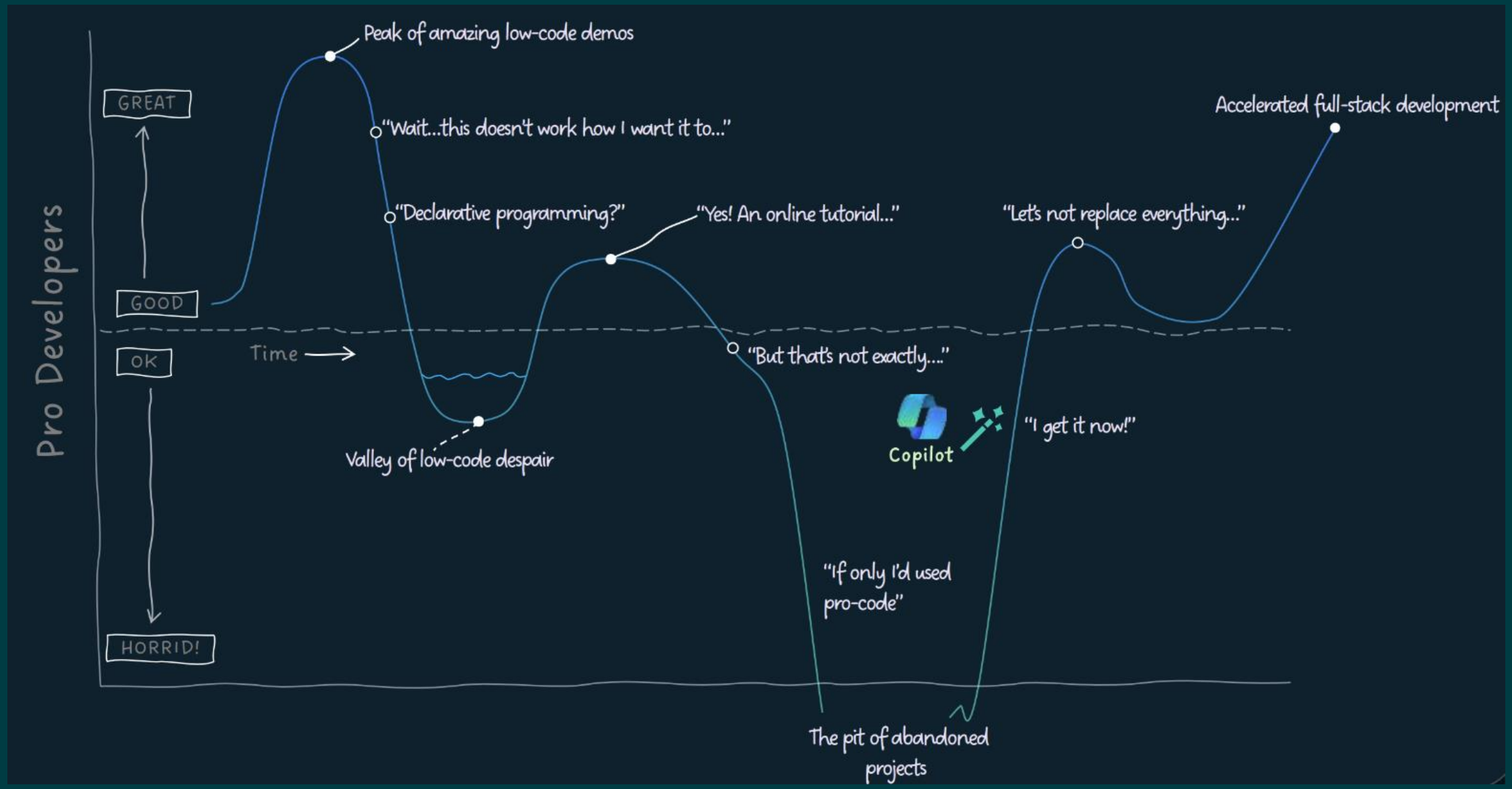

Credits: Scott Durow

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PCF

```
<manifest>
  <control namespace="Dianamics" constructor="HelloColor" version="0.0.1"
        display-name-key="HelloColor" description-key="HelloColor description" control-type="standard" >

    <property name="sampleProperty" display-name-key="Property_Display_Key" description-key="Property_Desc_Key"
        of-type="SingleLine.Text" usage="bound" required="true" />

    <resources>
      <code path="index.ts" order="1"/>
      <!-- UNCOMMENT TO ADD MORE RESOURCES
      <css path="css/HelloColor.css" order="1" />
      <resx path="strings/HelloColor.1033.resx" version="1.0.0" />
      -->
    </resources>
    <feature-usage>
      <uses-feature name="Device.captureAudio" required="true" />
      <uses-feature name="Device.captureImage" required="true" />
      <uses-feature name="Device.captureVideo" required="true" />
      <uses-feature name="Device.getBarcodeValue" required="true" />
      <uses-feature name="Device.getCurrentPosition" required="true" />
      <uses-feature name="Device.pickFile" required="true" />
      <uses-feature name="Utility" required="true" />
      <uses-feature name="WebAPI" required="true" />
    </feature-usage>
  </control>
</manifest>
```

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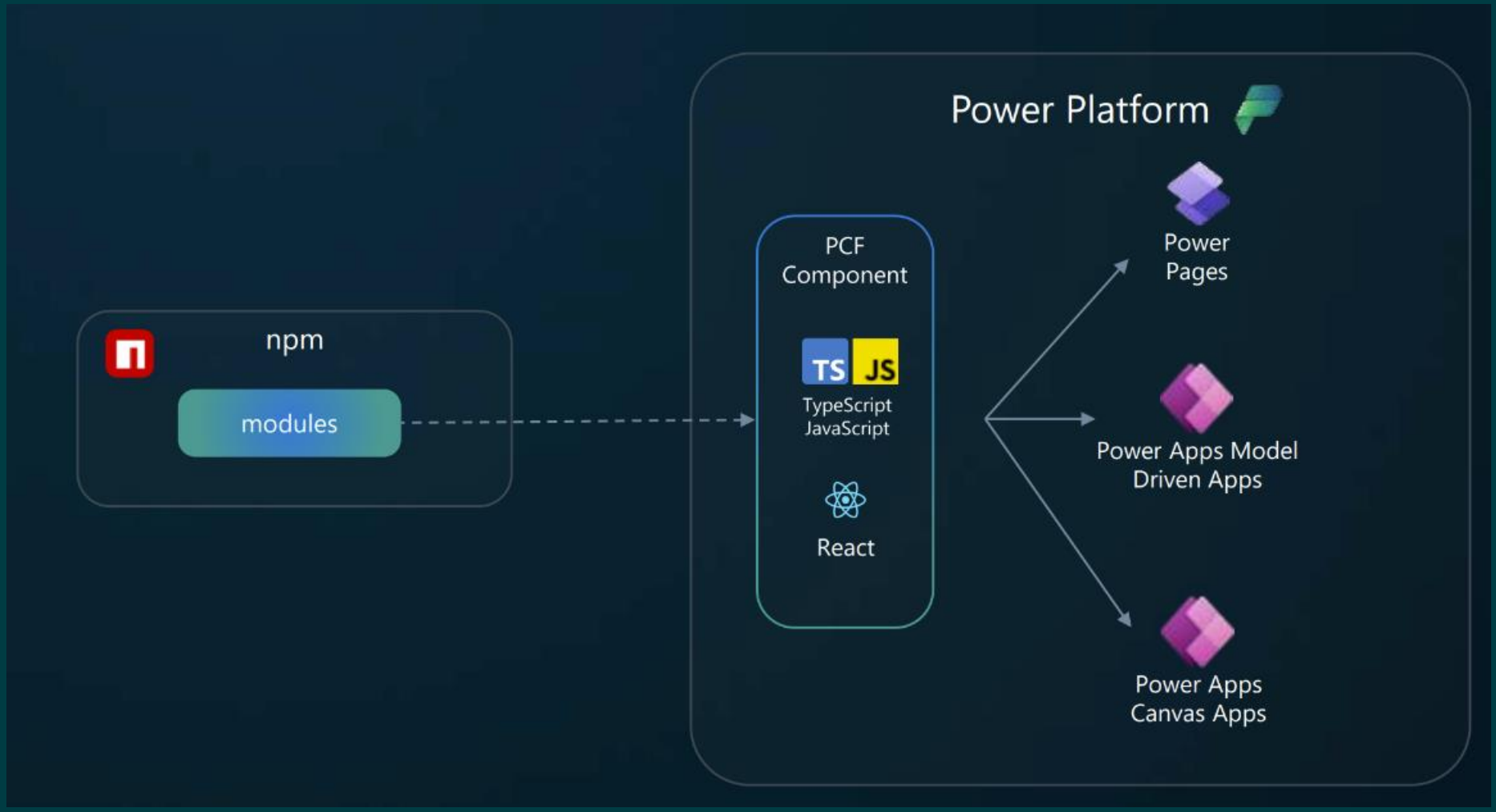
Power Apps Components Framework (PCF)



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- Et framework for kontrol og fleksibilitet
- For alle app typer (Canvas, Model-Driven, Power Pages)
- Pro Dev Skills (HTML, CSS, JS/TS)
- Kan blive flyttet fra et miljø til et andet
- Flere PCF typer (field, datasæt og page customizer control)

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Du skal ikke bare bruge PCF, bare fordi… Du skal have brug for det.
Men hvis du skal… Så lav den så lille som mulig!

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Custom connectors

10to8 Appointment
Act!
Adobe Creative
Adobe Sign
Amazon Redshift
Apache Impala
Appfigures
Computer Vision API
Content Conversion
Content Moderator
Control
Data Operations
Date Time
DB2
Approvals
Asana
AWeber
Azure AD
Azure Application
DocuSign
Dynamics 365 for
Dynamics 365 for
Dynamics NAV
Azure Cosmos DB
Azure Data Lake
Azure Event Grid
Azure Event Grid Publish
Excel
Face API
Facebook
Azure Queues
Azure Resource
Azure Table Storage
Basecamp
FreshBooks
Freshdesk
Freshservice
FTP
GitHub
Google Contacts
Google Drive
Google Sheets
Outlook Tasks
PagerDuty
Parserr
Paylocity
GoToWebinar
Harvest
HelloSign
HipChat
Pitney Bowes Data
Pivotal Tracker
Planner
Plivo
PostgreSQL
Infusionsoft
Inoreader
Insightly
Instagram
Instapaper
Intercom
JIRA
Power BI
PowerApps
PowerApps Notification
Project Online
Redmine
Salesforce
SendGrid

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Custom connectors

Hvis den connector du skal bruge ikke findes, så lav den! (Bliv inspireret her aka.ms/pp/connectors)

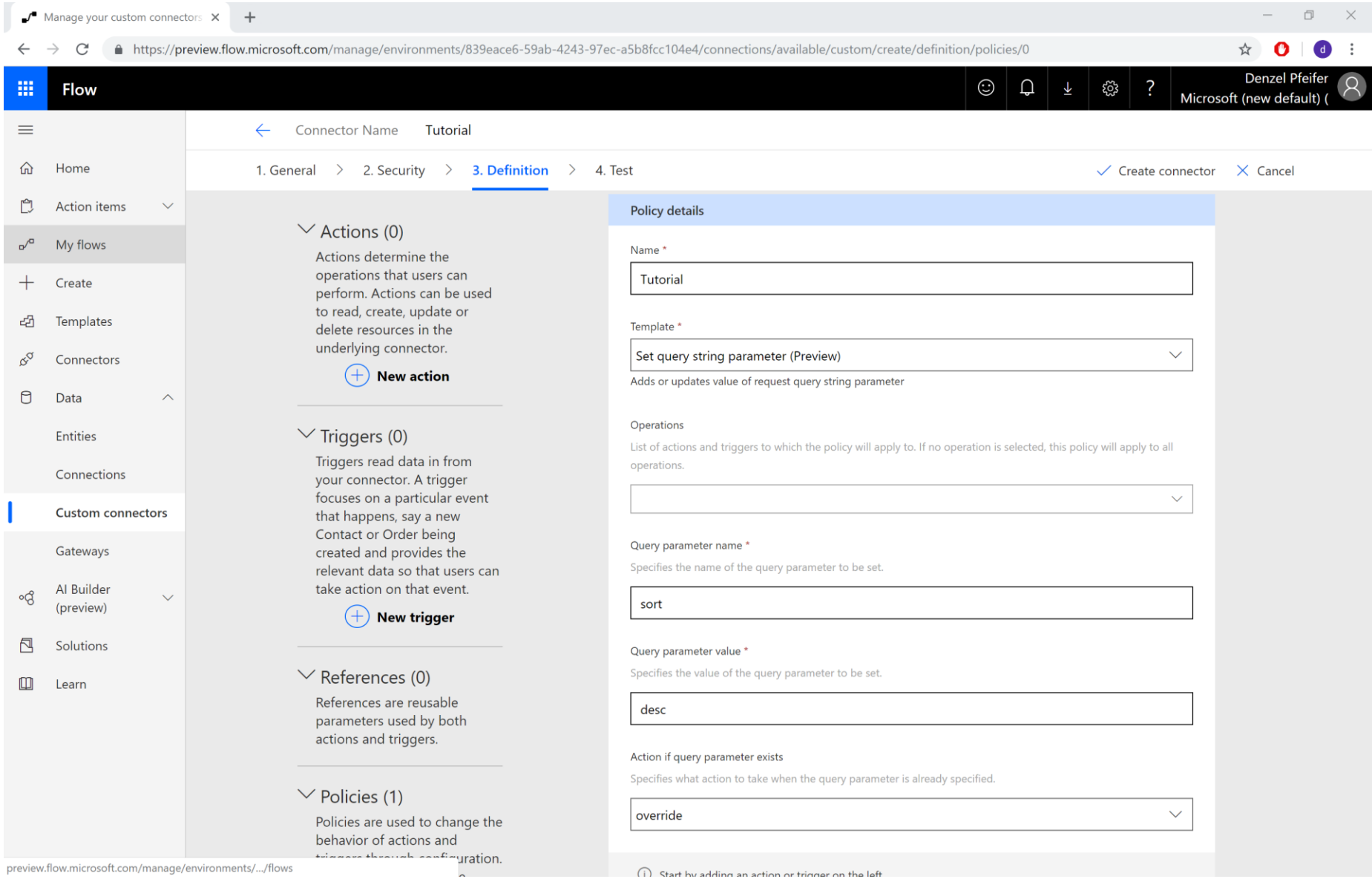
Definer et REST API med lige den teknologi du vil (.NET/Azure Functions/Node.js) og publisher dit API

Man kan bruge flere sikre løsninger som fx. OAuth 2.0 for at skabe sikre custom connectors

Husk policies

- Query parameter
- Connection parameter
- Environment variable (Preview)

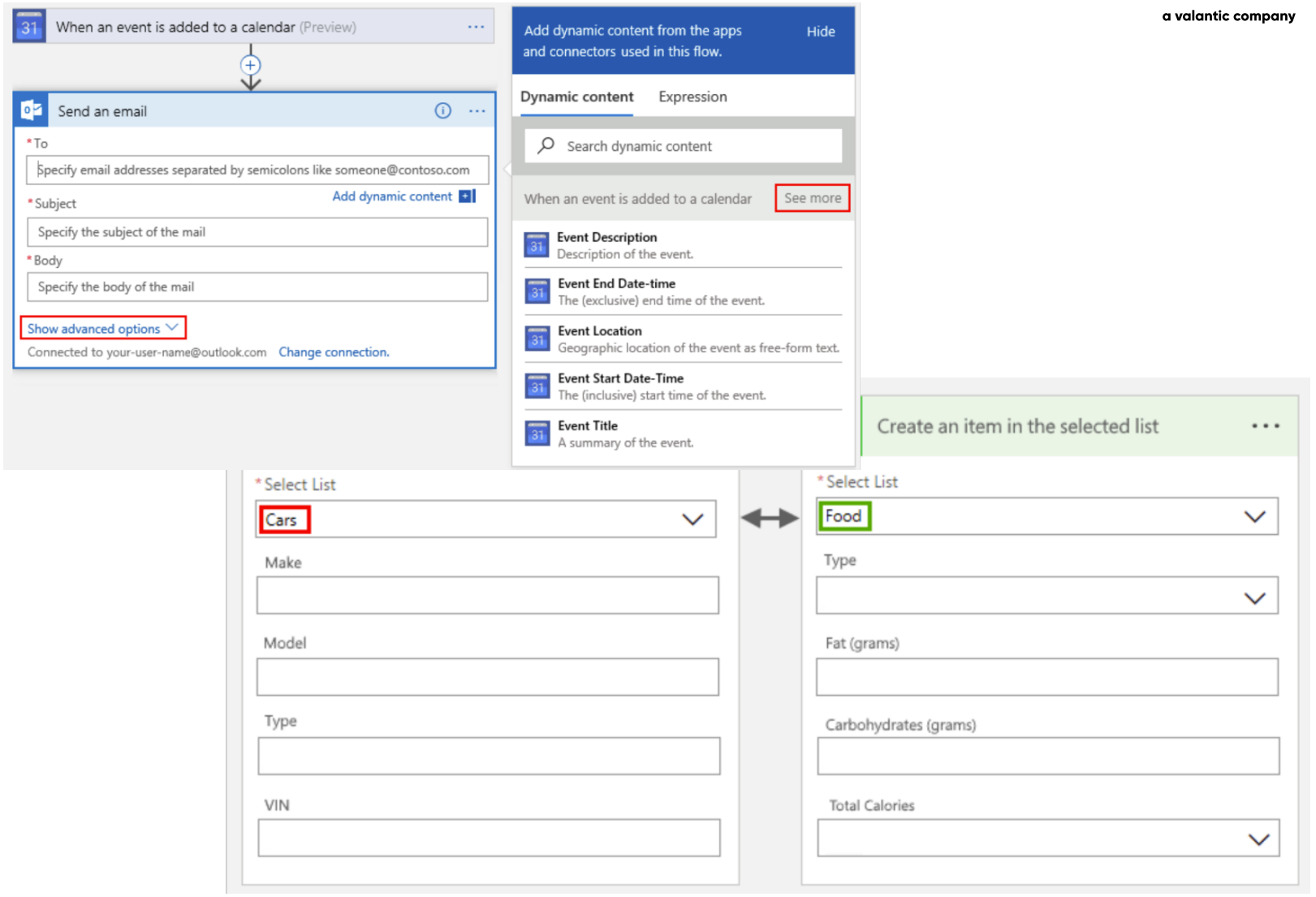
https://aka.ms/cc/policy-templates



x-ms-extensions med OpenAI

For:

- Dynamiske værdier
- Synlighed
- Dynamisk skemaer



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Enterprise eller BizApps?

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Power Platform er klar til enterprise løsninger… Er du klar til Power Platform?

Crossing the Chasm

Personal Productivity

Basic capabilities

SharePoint, Excel, M365 sources

One central shared environment

Dev in prod or manual ALM

DIY environment strategy

“Fire fighting” governance

Enterprise Mode

Full platform with AI & Copilot

Dataverse, SAP, 1200+ sources

Established environment strategy

Dedicated personal environments

Built-in automated ALM

Out-of-box env best practices

Proactive governance

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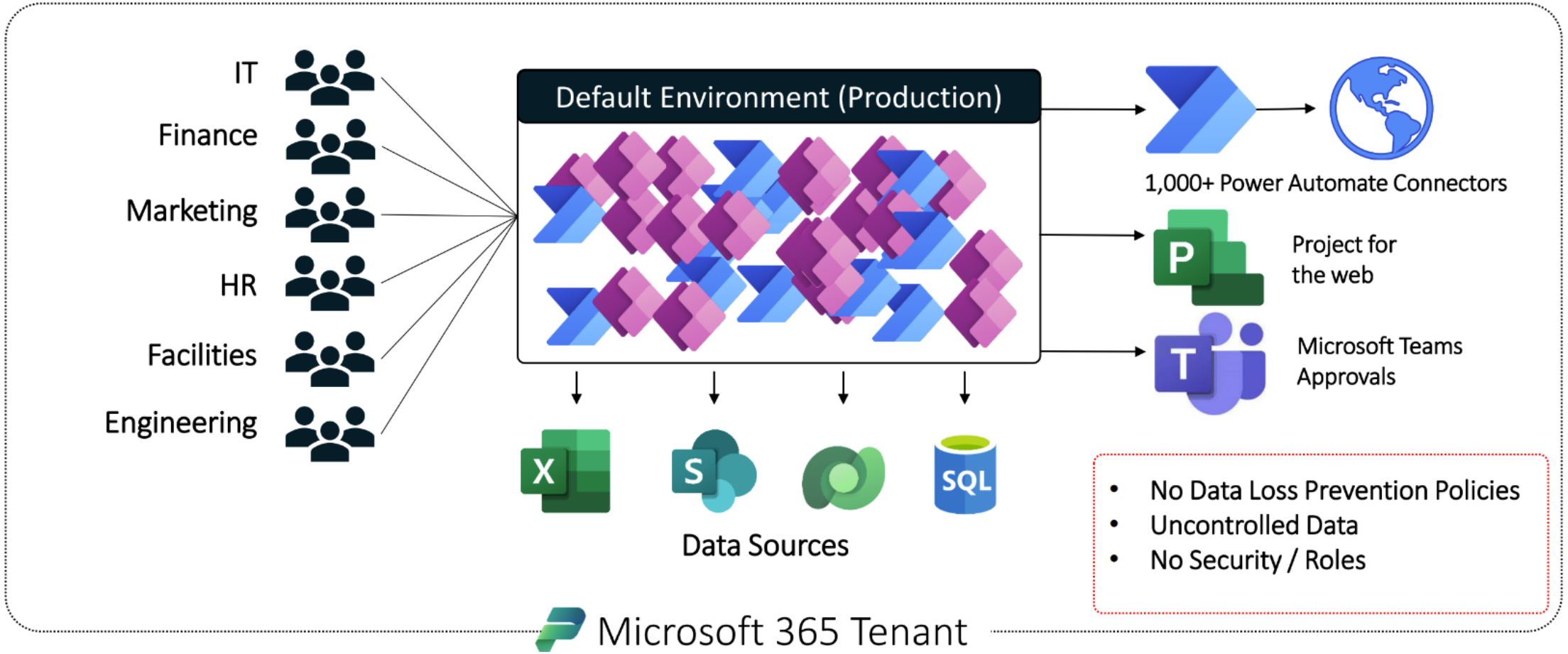
Dit Power Platform miljø uden en strategi



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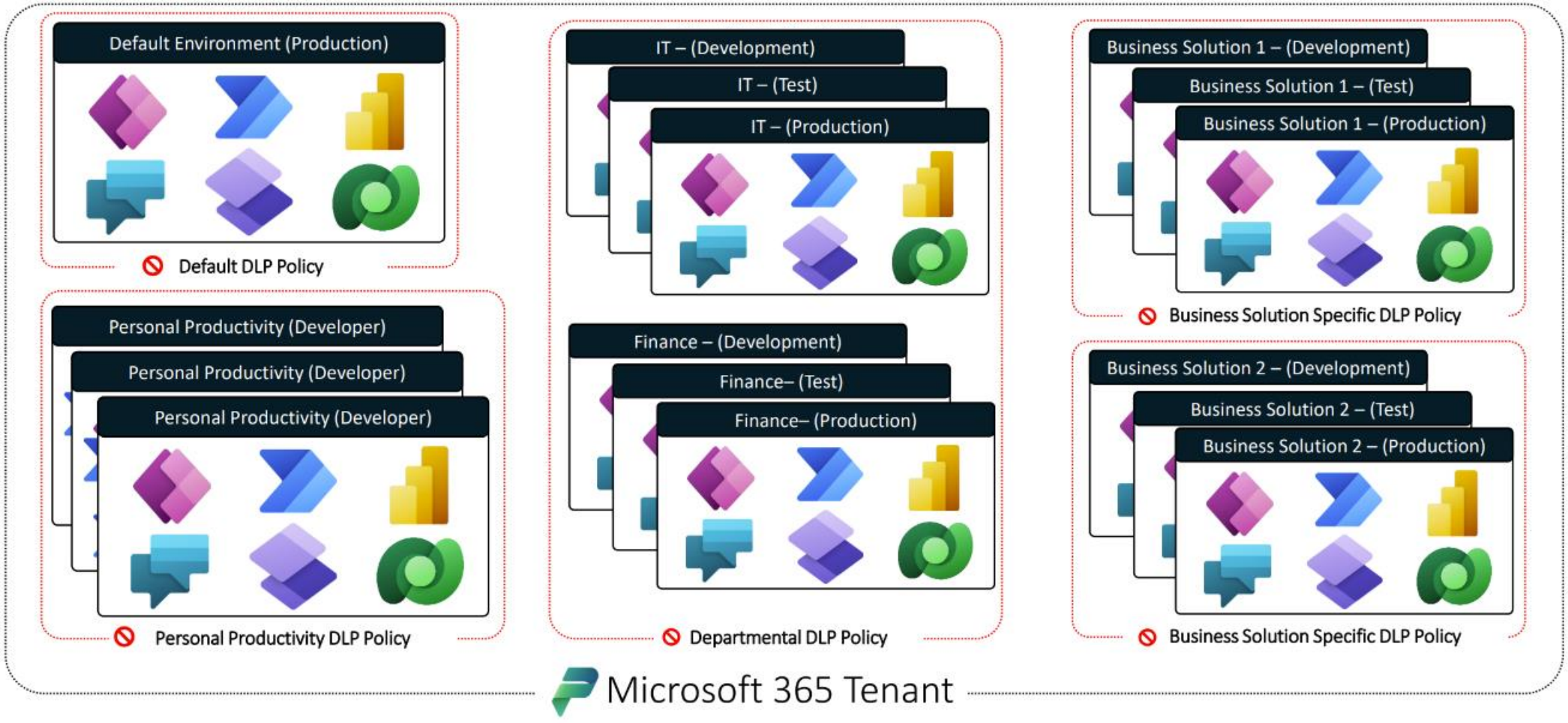
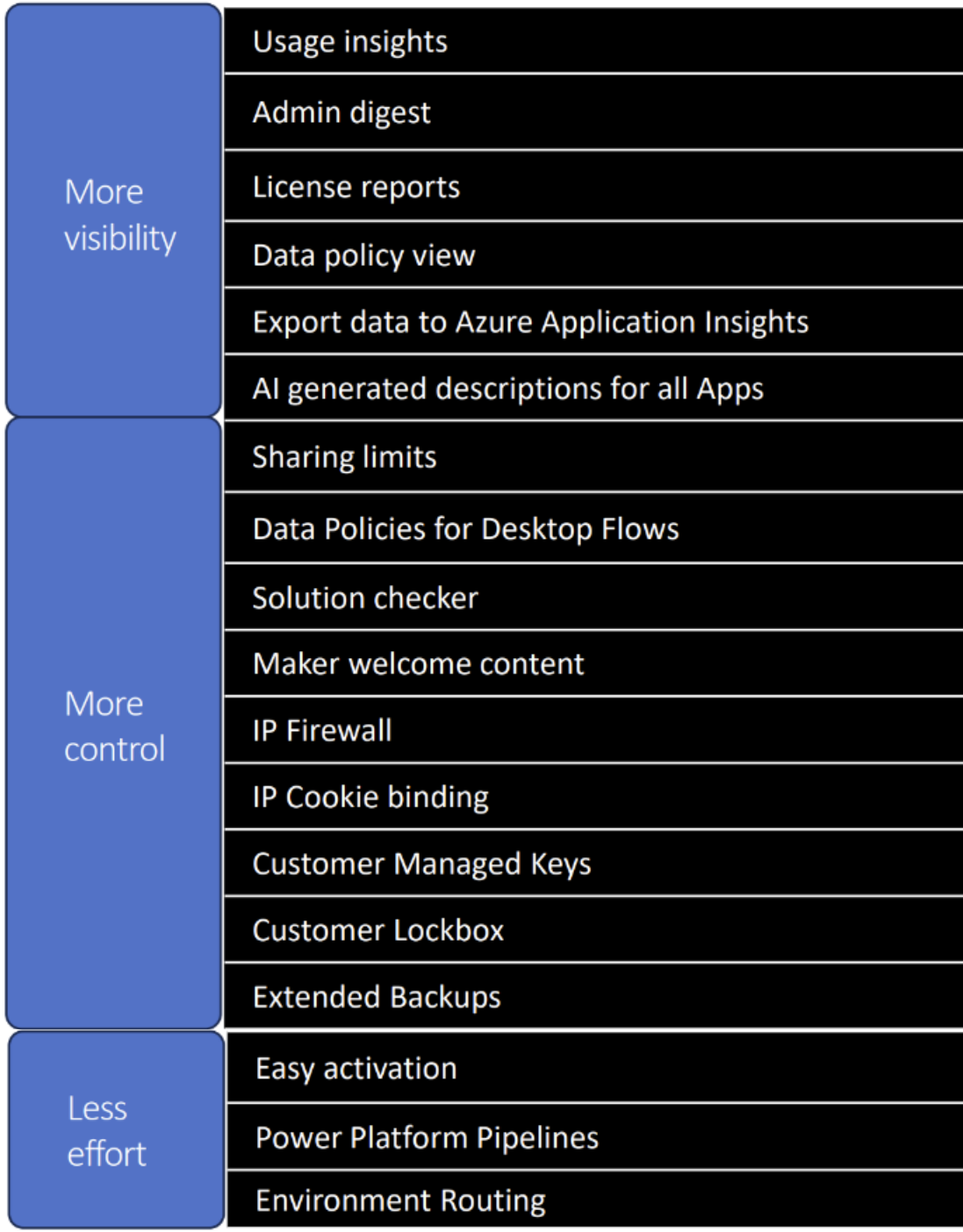
Dit Power Platform landskab med en strategi



Managed environments

- Managed Environments introducerer en suite af premium-funktioner, der giver administratorer mulighed for at administrere Power Platform i skala med mere kontrol, mindre indsats og mere indsigt.

- Man kan fx gøre brug af:
  - Default Environment Routing
  - Environment Groups
  - IP Cookie Binding
  - Data Policies
  - Power Platform Pipelines (ALM)



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Copilot er (surprise) stadig work in progress

COPILOT
MICROSOFT
LITERALLY ANY OTHER USEFUL POWER PLATFORM FEATURE
imgflip.com

COPILOT
CUSTOMERS
MICROSOFT
imgflip.com

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Copilot er (surprise) stadig work in progress

Keynote Highlights: Will the real Microsoft Copilot Please Stand Up?

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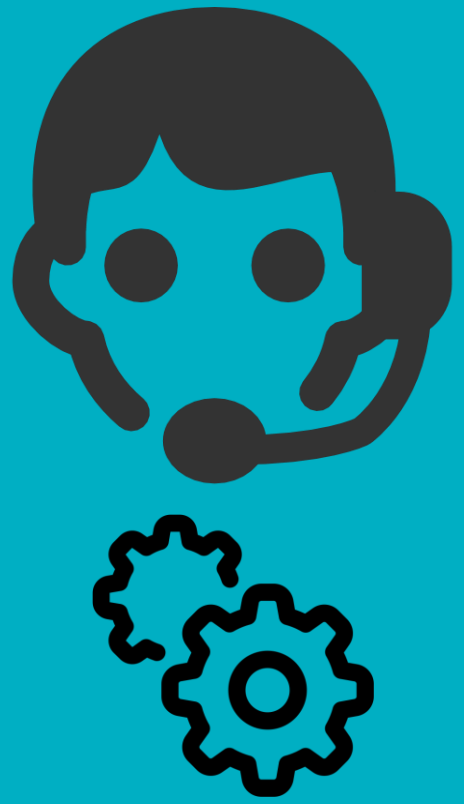
Will the real Microsoft Copilot Please Stand Up?

Copilot

AI Assistant

AI Agent



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Will the real Microsoft Copilot Please Stand Up?

Copilot

- Engangsbrug
- Begrænset kontekst

AI Assistant

- Copilot +
- Hukommelse +
- Mere kontekst

AI Agent

- Copilot +
- Hukommelse +
- Mere kontekst +
- Automatisering

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Hvordan driver Microsoft Adoption af Copilot?

Intern Prompt Deling

Executive Sponsorship

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Det handler om at vide hvornår…

- Requirement Gathering and Analysis
- Automated Code Generation
- Natural Language to Power FX Conversion
- User Interface Design and Recommendations
- Data Insights and Reporting
- Process Automation Suggestions
- Documentation and Knowledge Base Creation
- Integration Recommendations
- Testing and Quality Assurance
- User Training and Onboarding
- Troubleshooting and Support

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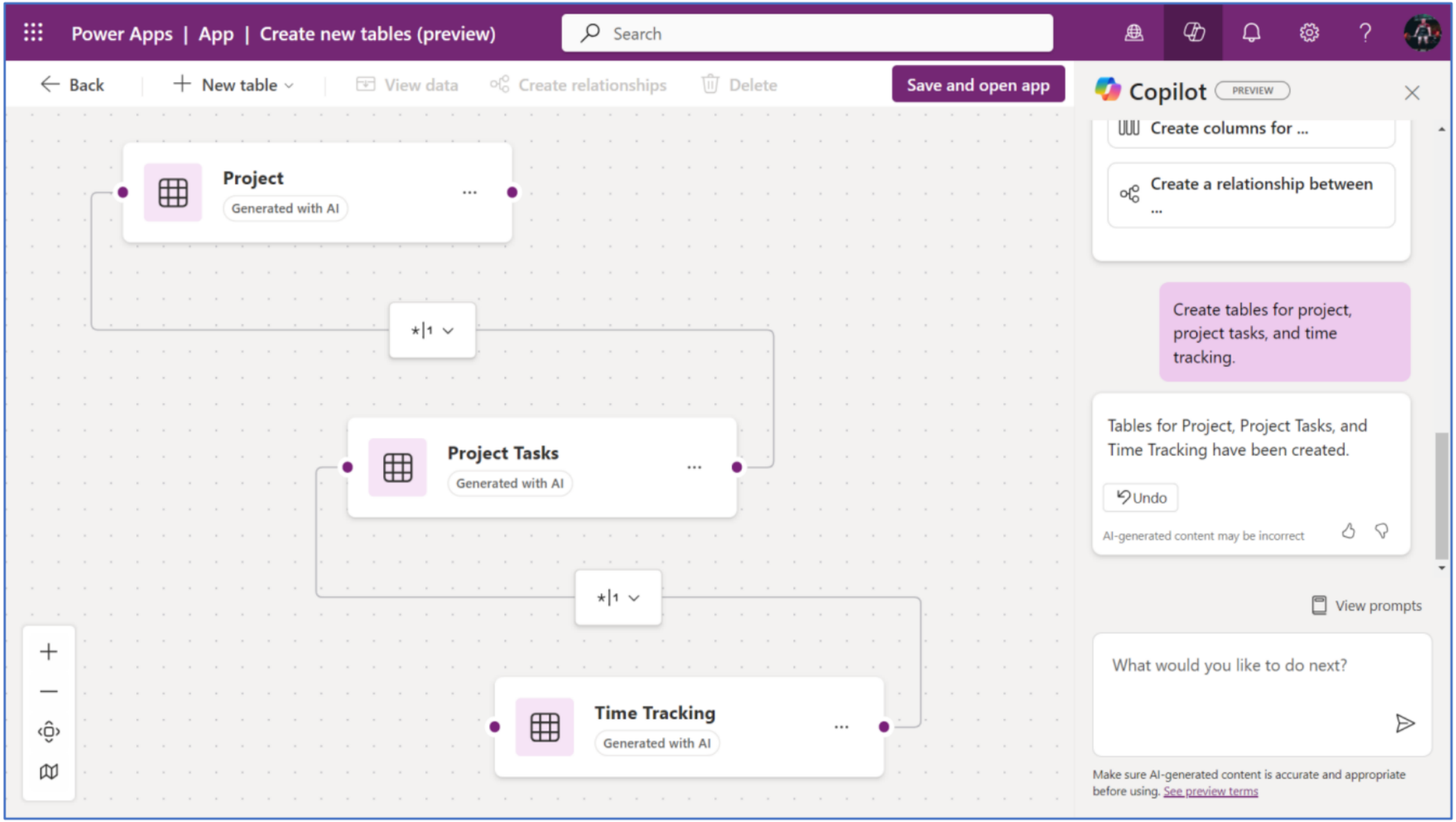
… og om at prompte korrekt

- Persona context task format exemplar tone

- You are a Power Platform solution architect and working on a business solution you will build a Power App to manage projects. Create a data model in mermaid format. The data model should include table names, table descriptions, key columns and table relationships. Use language that a non-technical end customer will understand.


Power Apps | App | Create new tables (preview)
Search
Back
New table
View data
Create relationships
Delete
Save and open app
Project
Generated with AI
*|1
Project Tasks
Generated with AI
*|1
Time Tracking
Generated with AI
Copilot
PREVIEW
Create columns for ...
Create a relationship between ...
Create tables for project, project tasks, and time tracking.
Tables for Project, Project Tasks, and Time Tracking have been created.
Undo
AI-generated content may be incorrect
View prompts
What would you like to do next?
Make sure AI-generated content is accurate and appropriate before using. See preview terms

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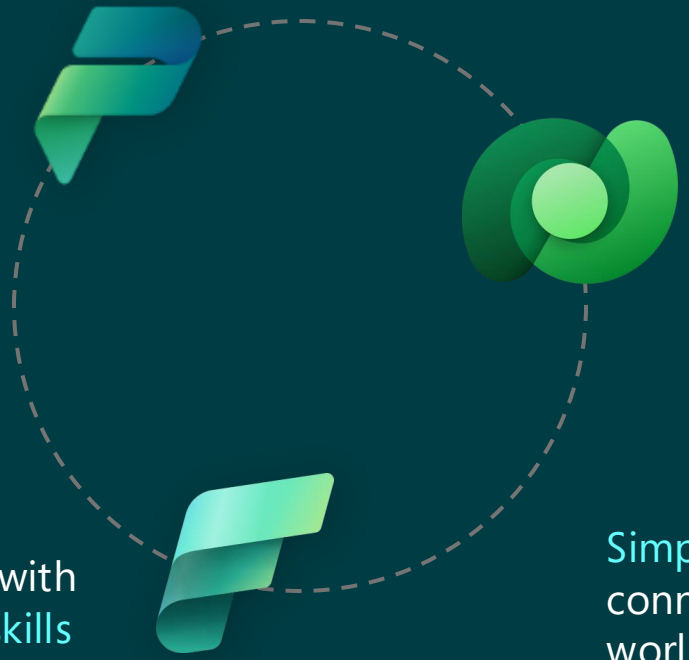
Power Platform and Microsoft Fabric: Better Together

Ask questions, talk to your Apps & data with conversational AI

Empower your people to do more with Low code apps and automations



Repeatable success with enterprise scale and life cycle support for your Low & No code apps

Infuse Low code community with Data analyst, Data wrangler skills

Simplify data integration, securely connect your business data with world's data

Tilgå Dataverse & Dynamics data i Fabric

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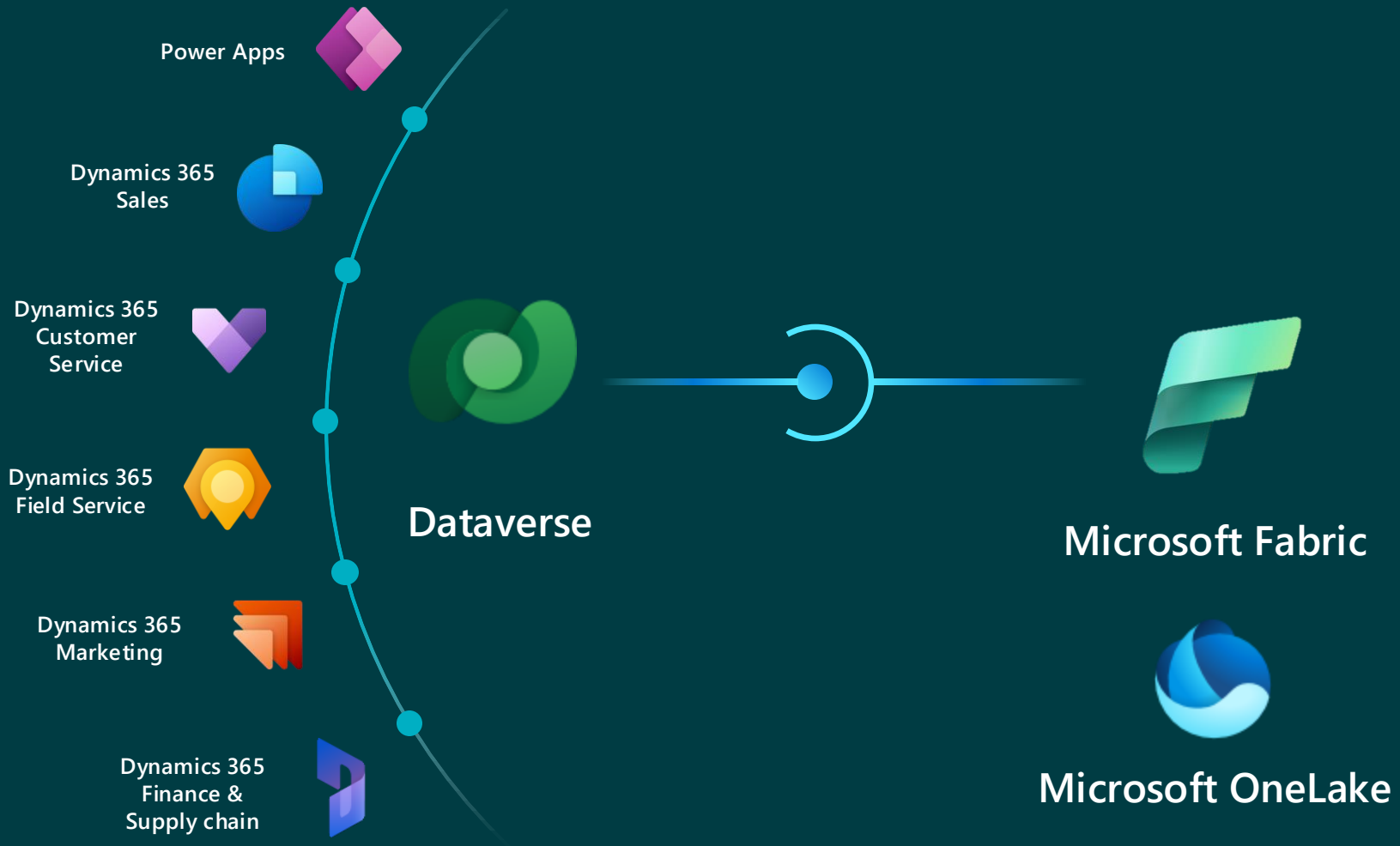

Tilgå Dataverse & Dynamics data i Fabric

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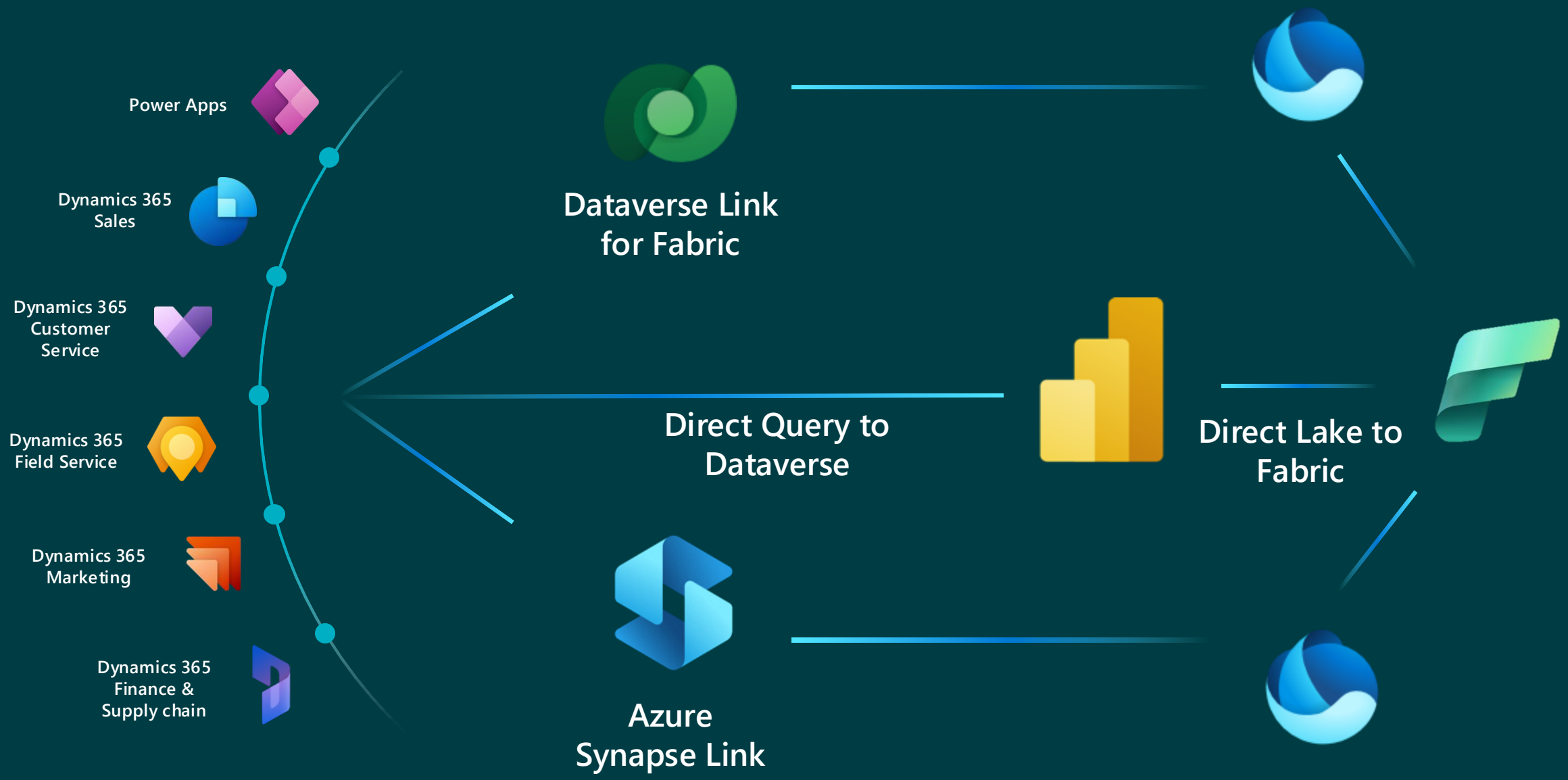

Udnyt OneLake data i Power Platform solutions

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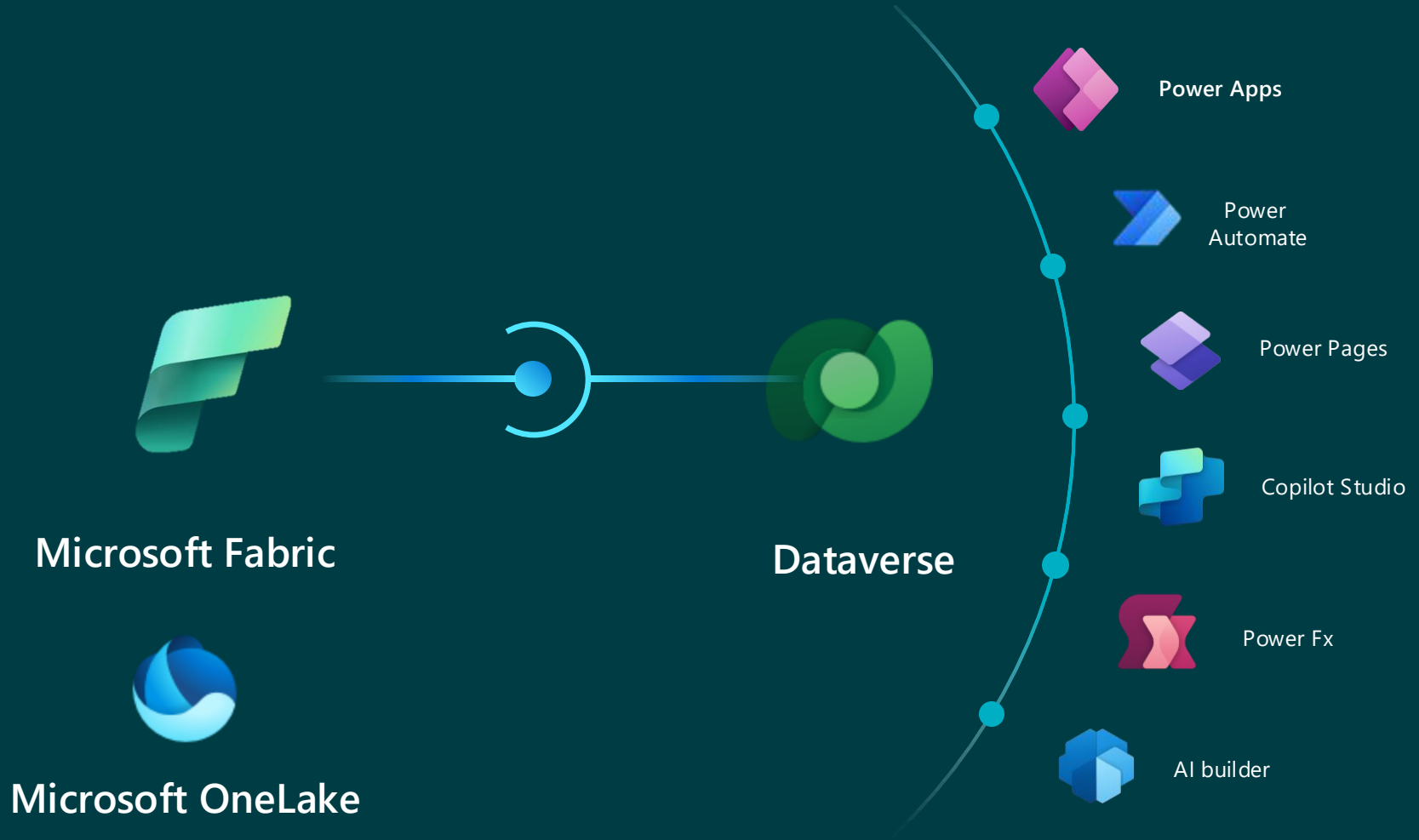

Udnyt OneLake data i Power Platform solutions

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Fabric Data Pipelines

Virtual Tables

Dataverse Dataflows

Land data in Dataverse

Read from SQL Endpoint

Read + Write from SQL Endpoint

Live Power Platform Connectors

Hvad lærte vi ellers?

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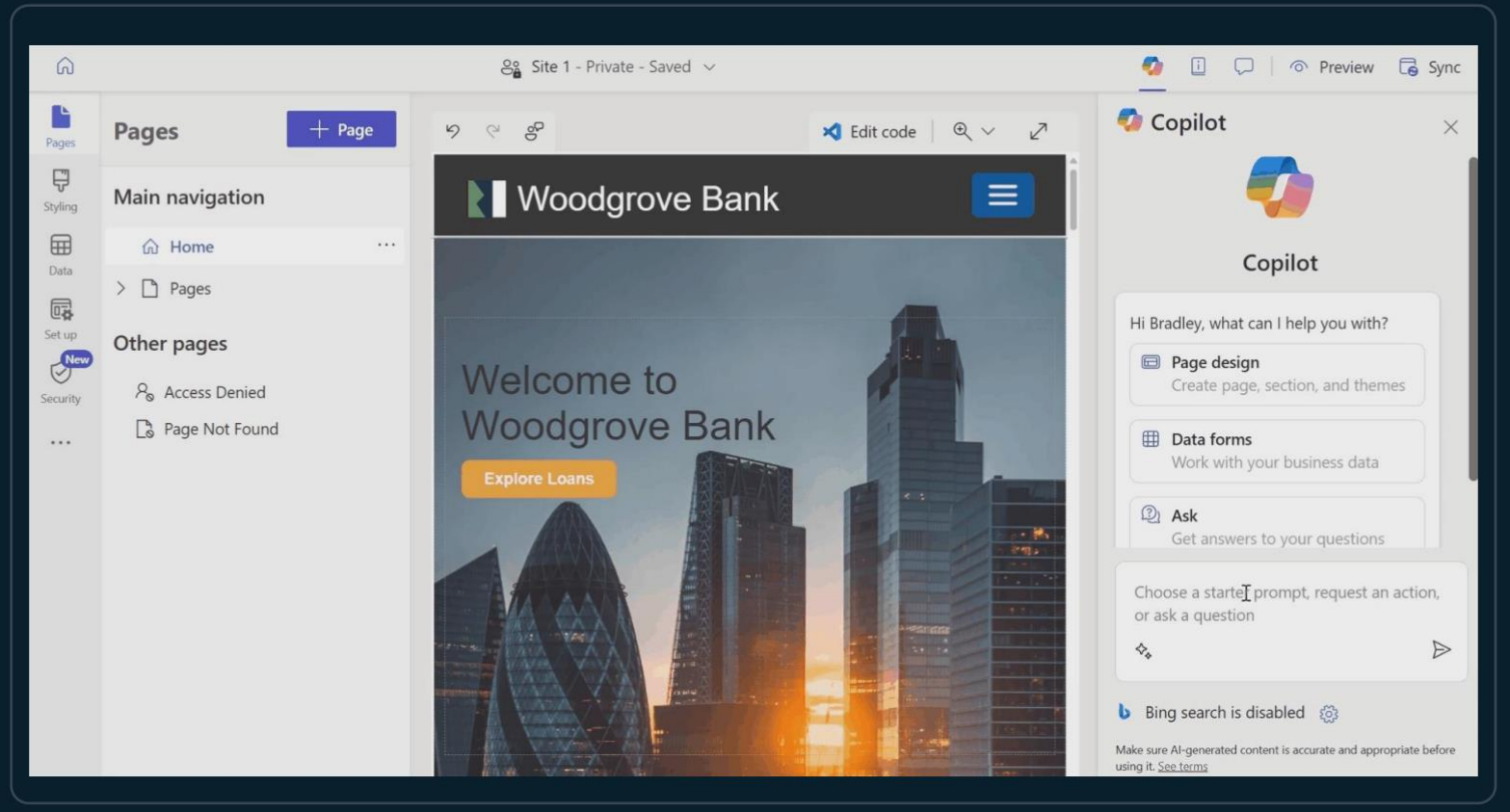
1. Power Pages bliver stadigt mere og mere tilgængeligt

General availability

Copilot to help Build Websites

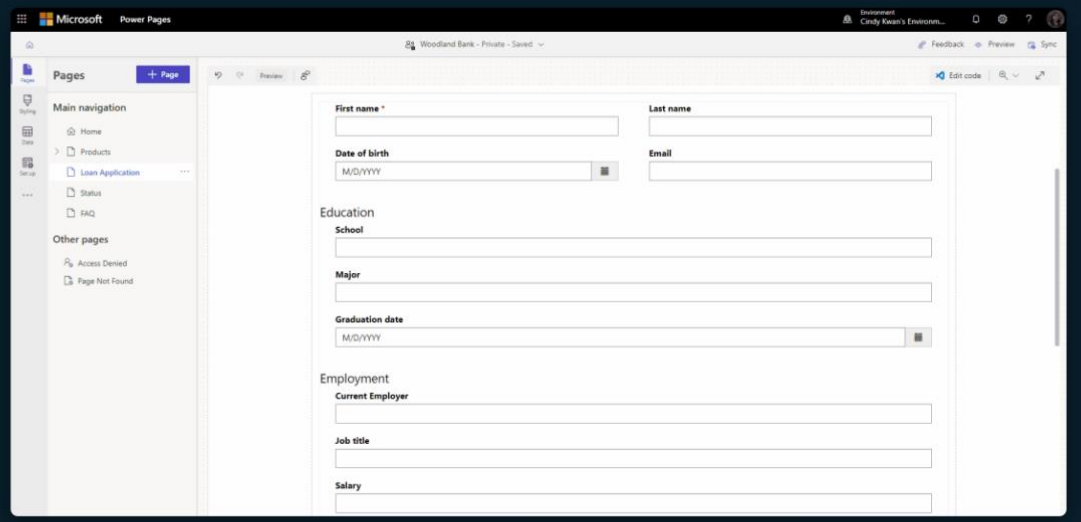
Use natural language to generate site, content, connect to data, theme website and ask questions as you go along

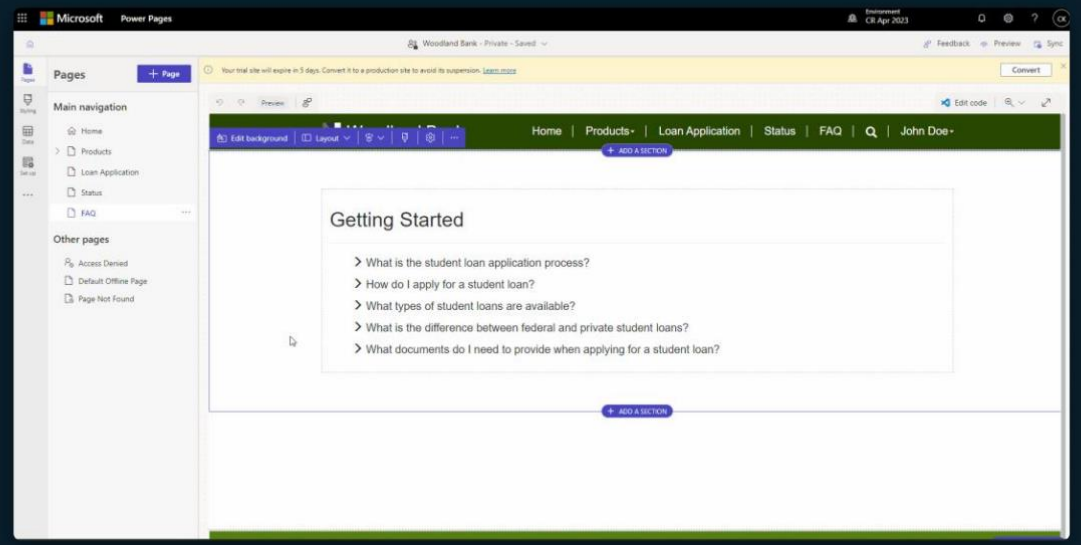


Generally Available

Bring your own Components

- Bring your own Code Components (PCF) which expand either form fields or provide page level enhancements.
- Build Power Pages specific site components using webtemplates and use manifests to define configurable parameter.





Power FX in Power Pages

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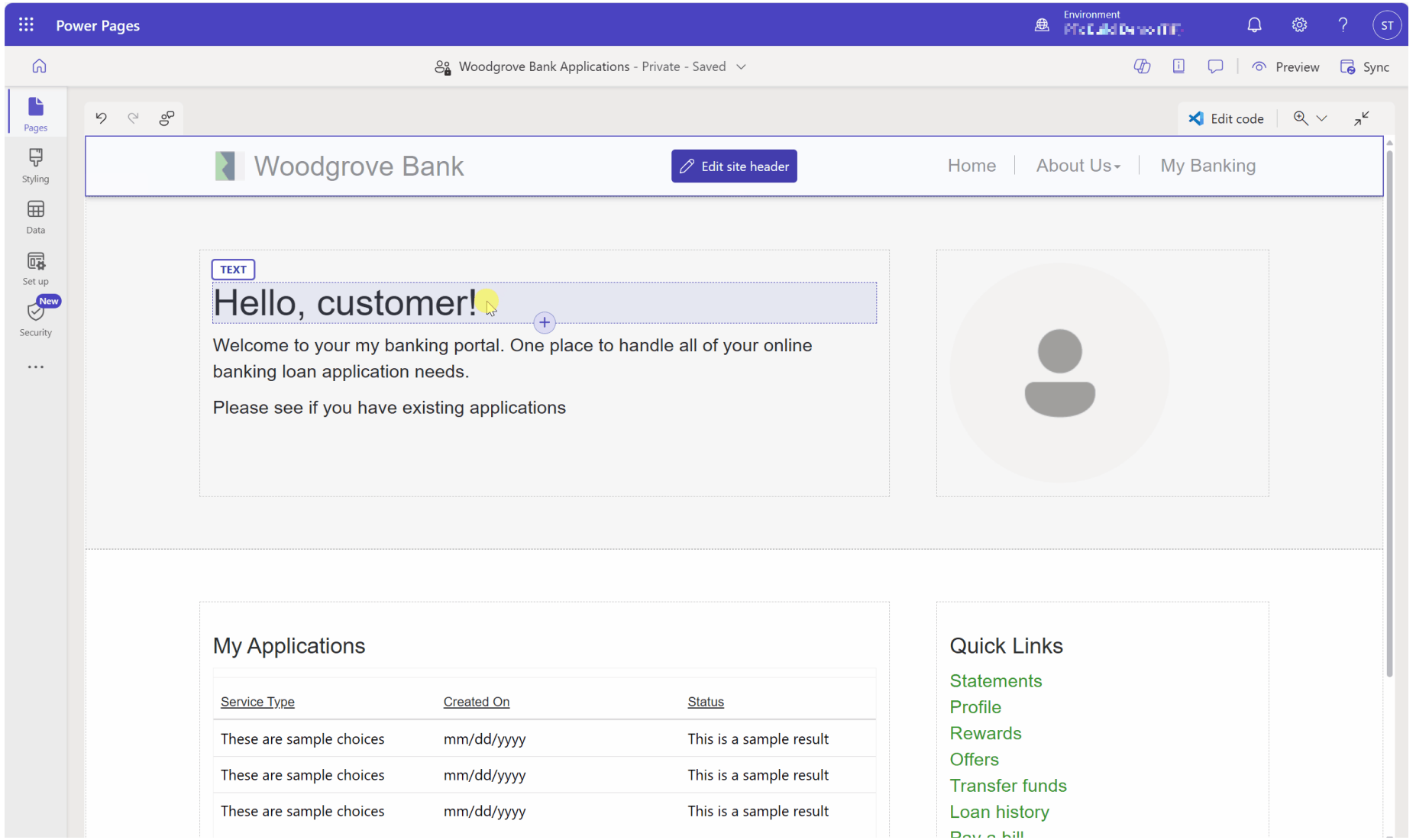

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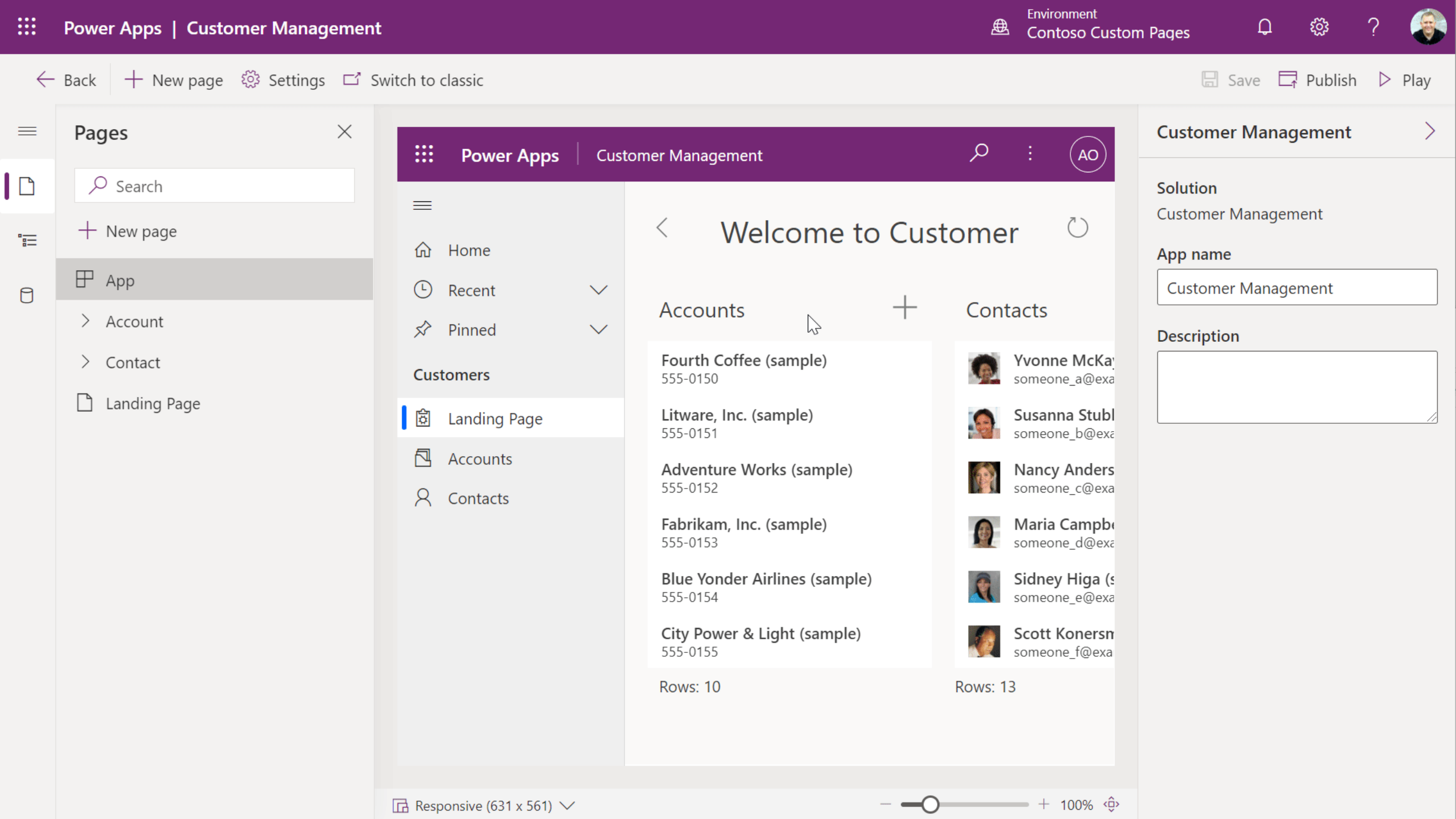
2. Grænserne mellem Model-Driven og Canvas Apps udviskes


Power Apps | Customer Management
Environment
Contoso Custom Pages
Back
New page
Settings
Switch to classic
Save
Publish
Play
Pages
Search
New page
App
Account
Contact
Landing Page
Power Apps
Customer Management
AO
Home
Recent
Pinned
Customers
Landing Page
Accounts
Contacts
Welcome to Customer
Accounts
Fourth Coffee (sample)
555-0150
Litware, Inc. (sample)
555-0151
Adventure Works (sample)
555-0152
Fabrikam, Inc. (sample)
555-0153
Blue Yonder Airlines (sample)
555-0154
City Power & Light (sample)
555-0155
Rows: 10
Contacts
Yvonne McKa
someone_a@exa
Susanna Stubl
someone_b@exa
Nancy Anders
someone_c@exa
Maria Campb
someone_d@exa
Sidney Higa (s
someone_e@exa
Scott Konersm
someone_f@exa
Rows: 13
Responsive (631 x 561)
100%
Customer Management
Solution
Customer Management
App name
Customer Management
Description

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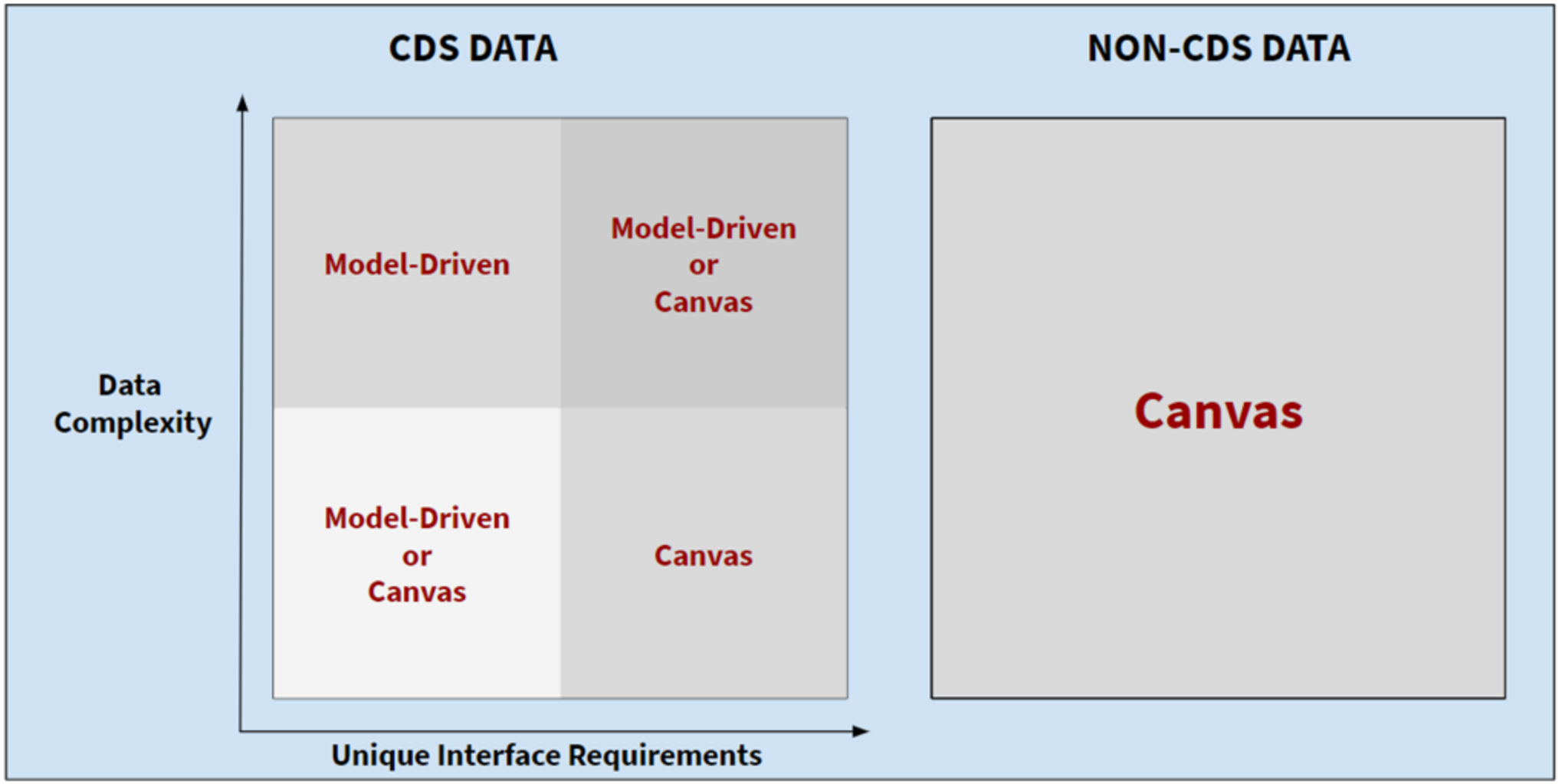
Choosing Between Canvas and Model-Driven



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3. Holdningerne til ‘den perfekte backend’ har aldrig været flere

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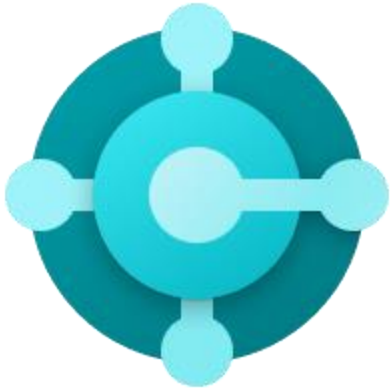

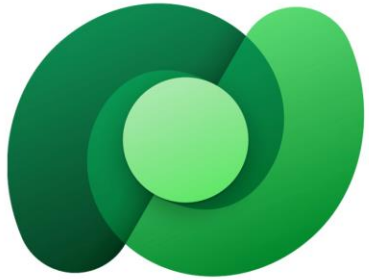

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Next Steps

Inspari Power Platform In-Person Events

08:30-09:00 – Morgenmad
09:00-12:00 – Live præsentationer, demoer og diskussion
12:00 – Frokost og Open Office med Inspari konsulenter

Lystrup: 29. august
Lyngby: 4. september

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Next Steps

Envisioning forløb med Inspari

- Kickstart din Power Platform indsats med det rette fundament.
- Strømlinet process for identifikation, kvalifikation og value/effort analyse af cases i organisationen.

Ideation workshop

Which ideas will drive the most value for our investment?

Why?
- Identifying business cases
- Objective prioritization
- Justification of investment
- Generation of roadmap
- Improved insights

General Agenda:
- Introduction to App & Automation incl. Demos
- Brainstorming ideas
- Use case qualification & value / effort mapping

Included:
- 4-hour workshop
- Preparation
- Post-processing

Attendees:
- One department
- Recommended 8 participants

15.000 DKK
excl. transport

Skriv til os!

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Q&A