



# Microsoft Dataverse

DynUG Høstkonferanse  
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# Hva er Dataverse?



*"Dataverse easily structures a variety of data and business logic to support interconnected applications and processes in a secure and compliant manner. Dataverse is smart, allowing you to automate and enhance repetitive and time-consuming processes and reduce errors across your organization while running multiple applications consistently with the same custom data source. Dataverse scales, enabling you to see productivity, agility and resource utilization gains of a robust low-code backend development platform in addition to low-code front-end development that helps you scale and run thousands of applications of any complexity. Dataverse is secure, with GDPR compliance and built-in enterprise grade security, meaning there are no compromises on governance and security in addition to one centralized view and management of all your 1st & 3rd party apps. Dataverse is fast and agile, allowing you to get a head start on your solutions. These advantages are available to you in the trustworthy, low-code environment of the Power Platform, and across various other Microsoft services. It has built-in intelligence, unrivalled integration with over 800 connectors, and integral business logic rules with out of the box common entities and a common data model. A subset of these capabilities are also available on Microsoft Teams, where Dataverse provides storage, rich data types with enterprise capabilities, and one-click solution deployment."*

# Hva er Dataverse?

Alternativ



Dataverse **easily structures a variety of data and business logic** to support **interconnected applications and processes in a secure and compliant** manner



La oss gå tilbake i tid....

xRM

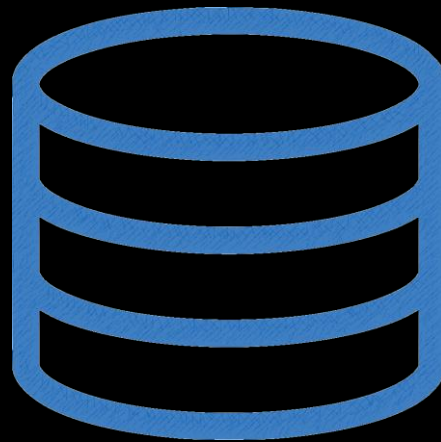
# History

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Dynamics 365 Customer Engagement has been sold as both an app and a highly configurable, extensible platform.

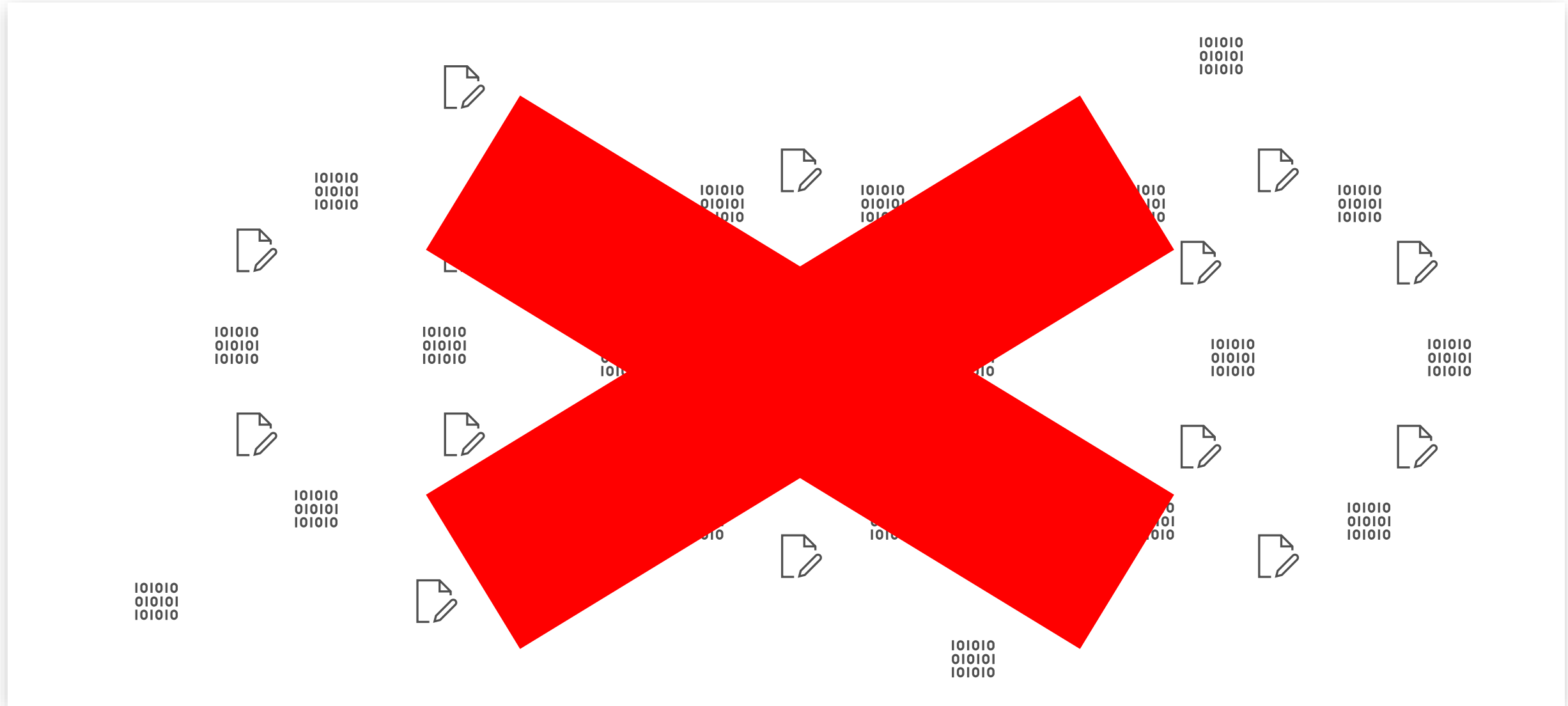
Microsoft Dataverse is the Dynamics 365 Customer Engagement platform with CRM-specific IP stripped out.

Så hva mer enn en database er det?



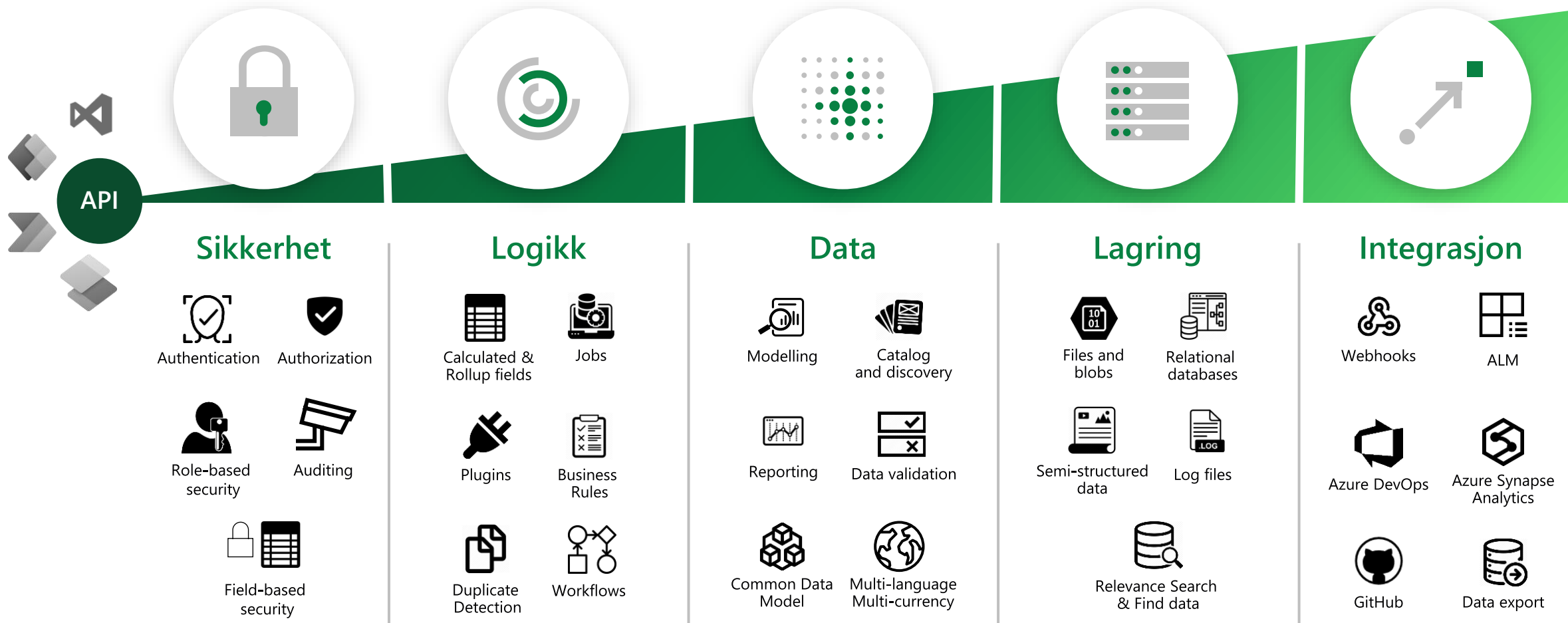


# Microsoft Dataverse – Hva ligger i plattformen?





# Microsoft Dataverse – Hva ligger i plattformen?



# INTEGRATE & DISAMBIGUATE DATA WITH THE COMMON DATA MODEL

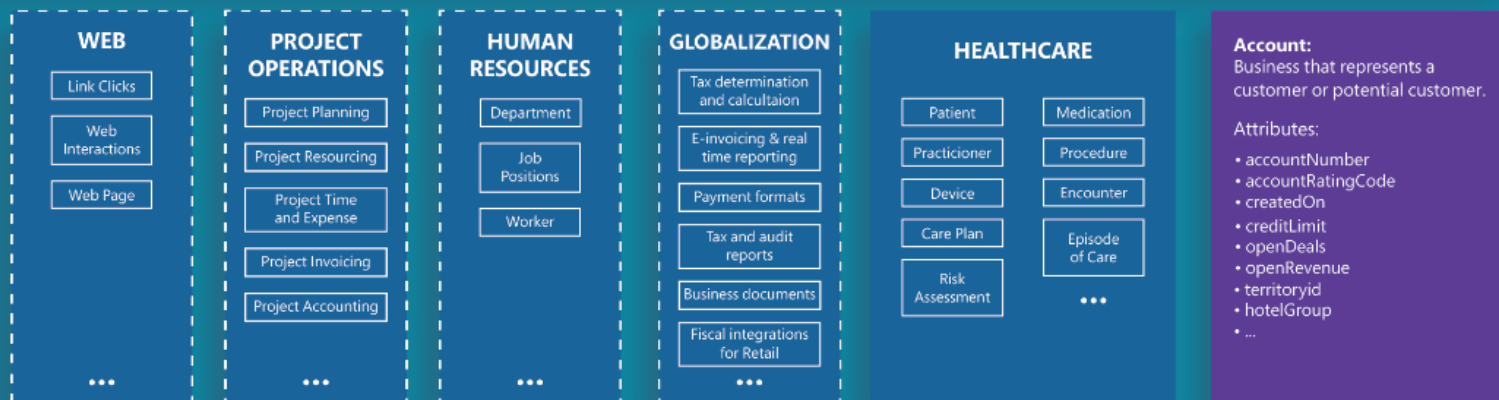
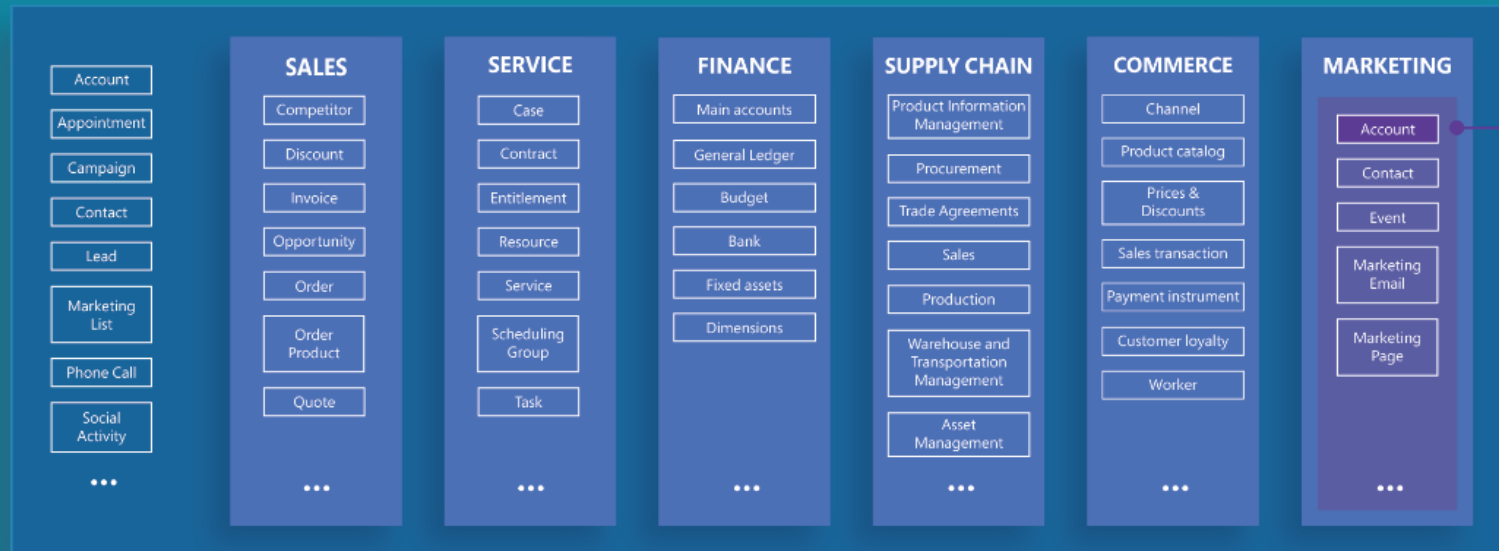
## COMMON DATA MODEL SCHEMA

Dynamics 365

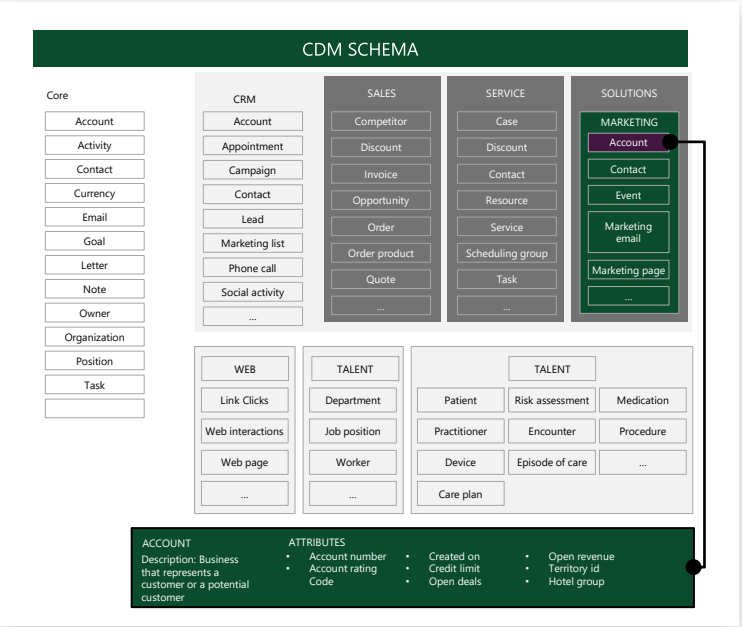
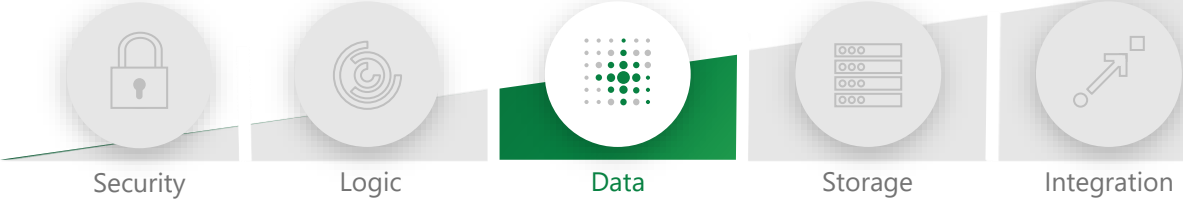
### CORE

- Account
- Activity
- Contact
- Currency
- Email
- Goal
- Letter
- Note
- Owner
- Organization
- Position
- Task
- ...

Working with subject matter & industry experts, Common Data Model is expanding to include additional business entities and concepts



# Dataverse implements the Common Data Model



Open source and shared data model that provides semantic consistency for data

The **Common Data Model (CDM)** is a standard and extensible collection of data entities, attributes, & relationships that represent business concepts and activities that are common among companies and organizations. Further, CDM is a major component of the **Open Data Initiative (ODI)**, a jointly-developed venture by **Microsoft, Adobe, and SAP**.



# Cloud and on-premises connectivity



Built-in connectivity to 800+ cloud services, content services, databases, APIs, etc.



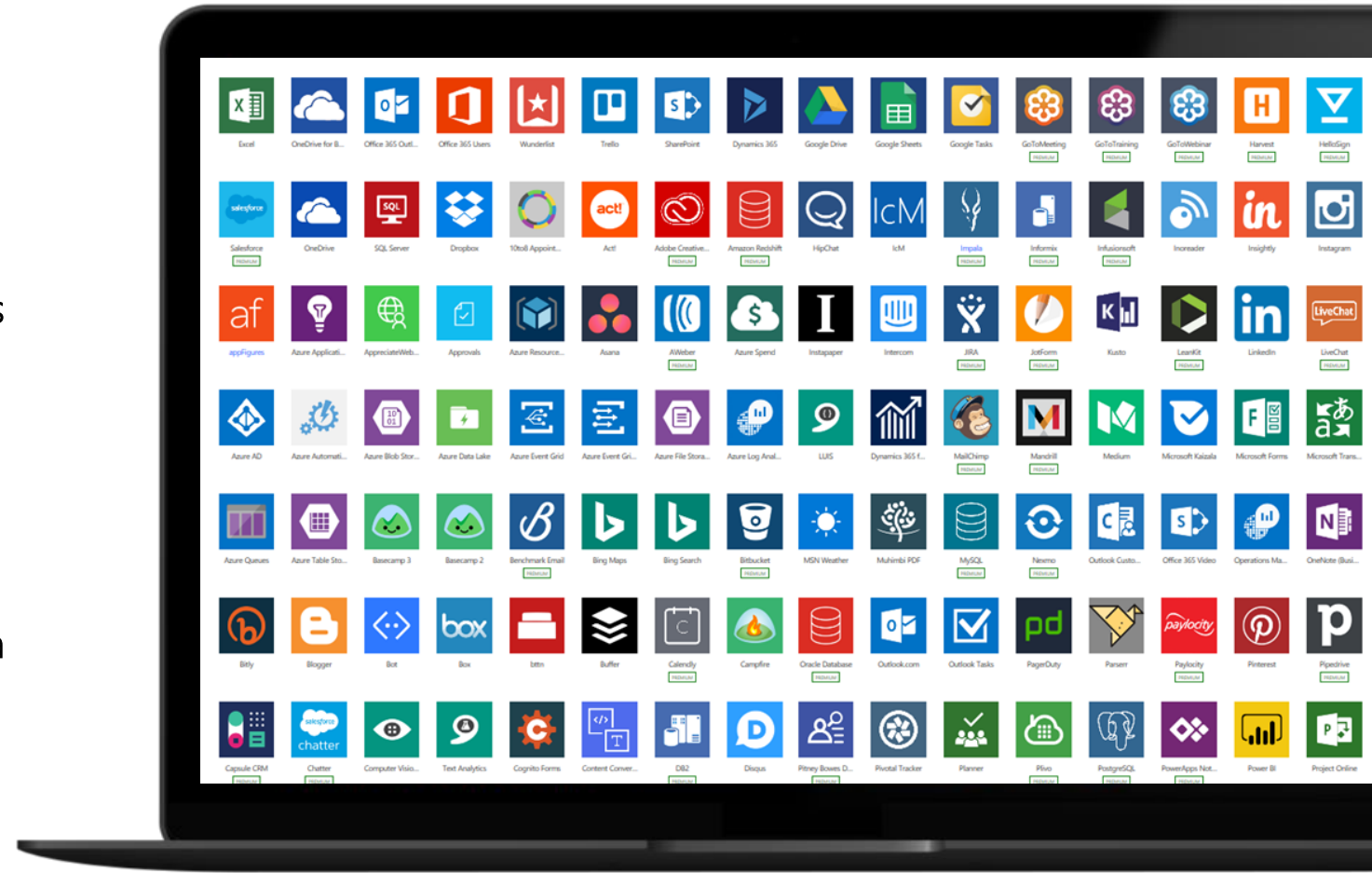
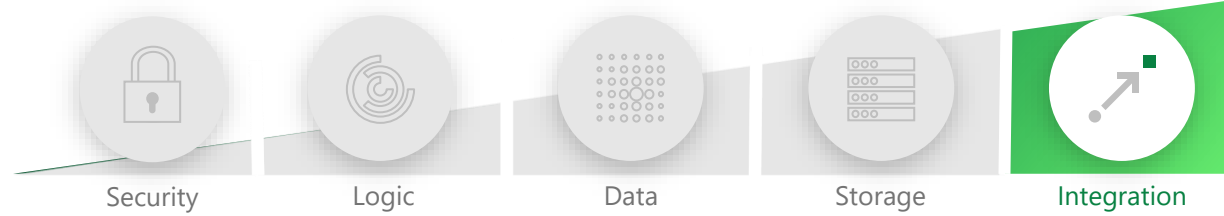
Seamless hybrid connectivity to on-premises systems via the on-premises data gateway.



Develop and register custom connectors as a building block for citizen developers.



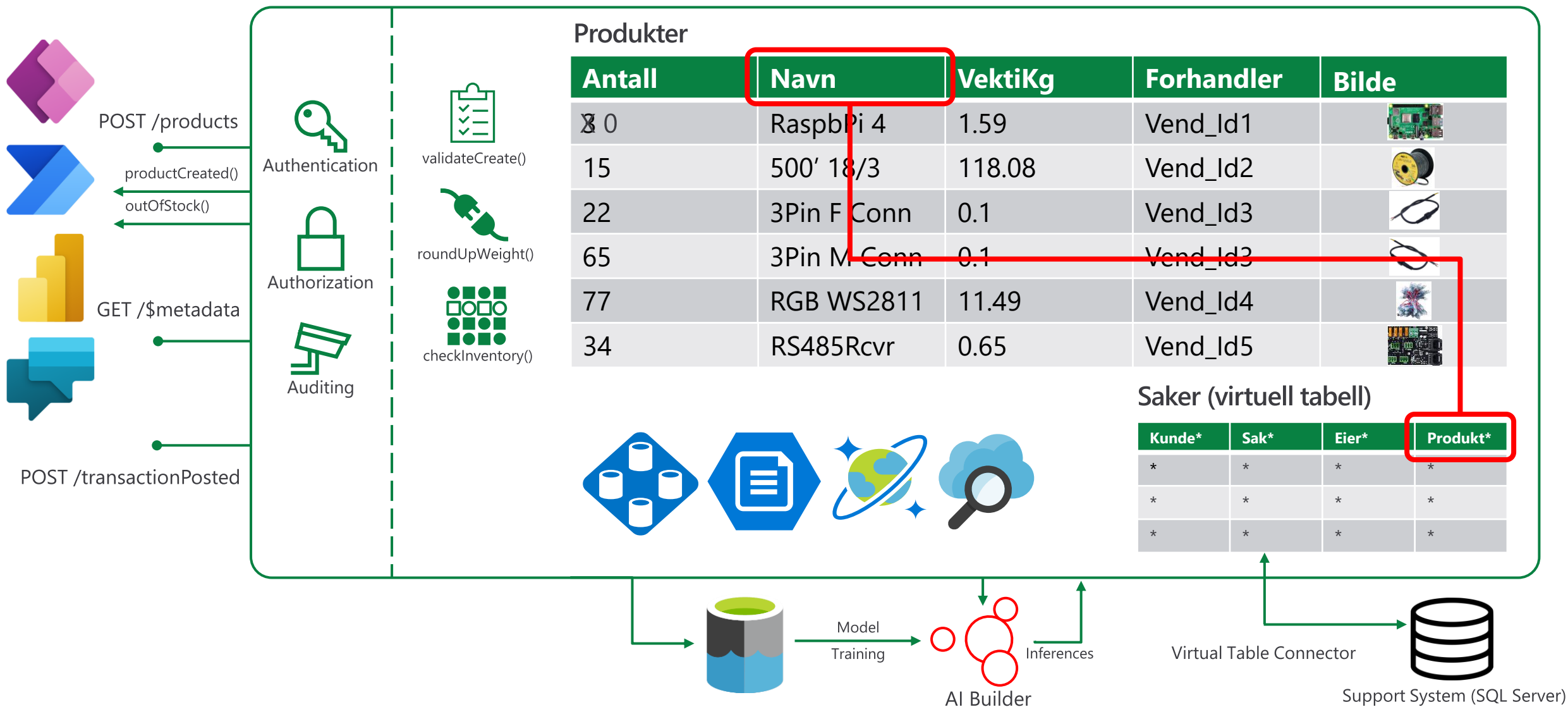
Break down data silos by using multiple data sources in a single application.



Et lite eksempel



# DataVerse: En low-code data-plattform (og mer til...)



**Er Dataverse det samme som Power Platform?**

**Ikke helt...**



# Microsoft Power Platform



Power BI



Power Apps



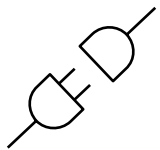
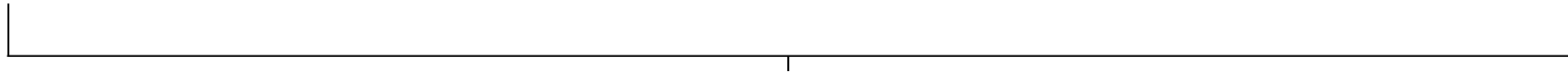
Power Automate



Power Virtual  
Agents



Power Pages



Data Connectors



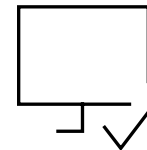
Power Fx



Dataverse



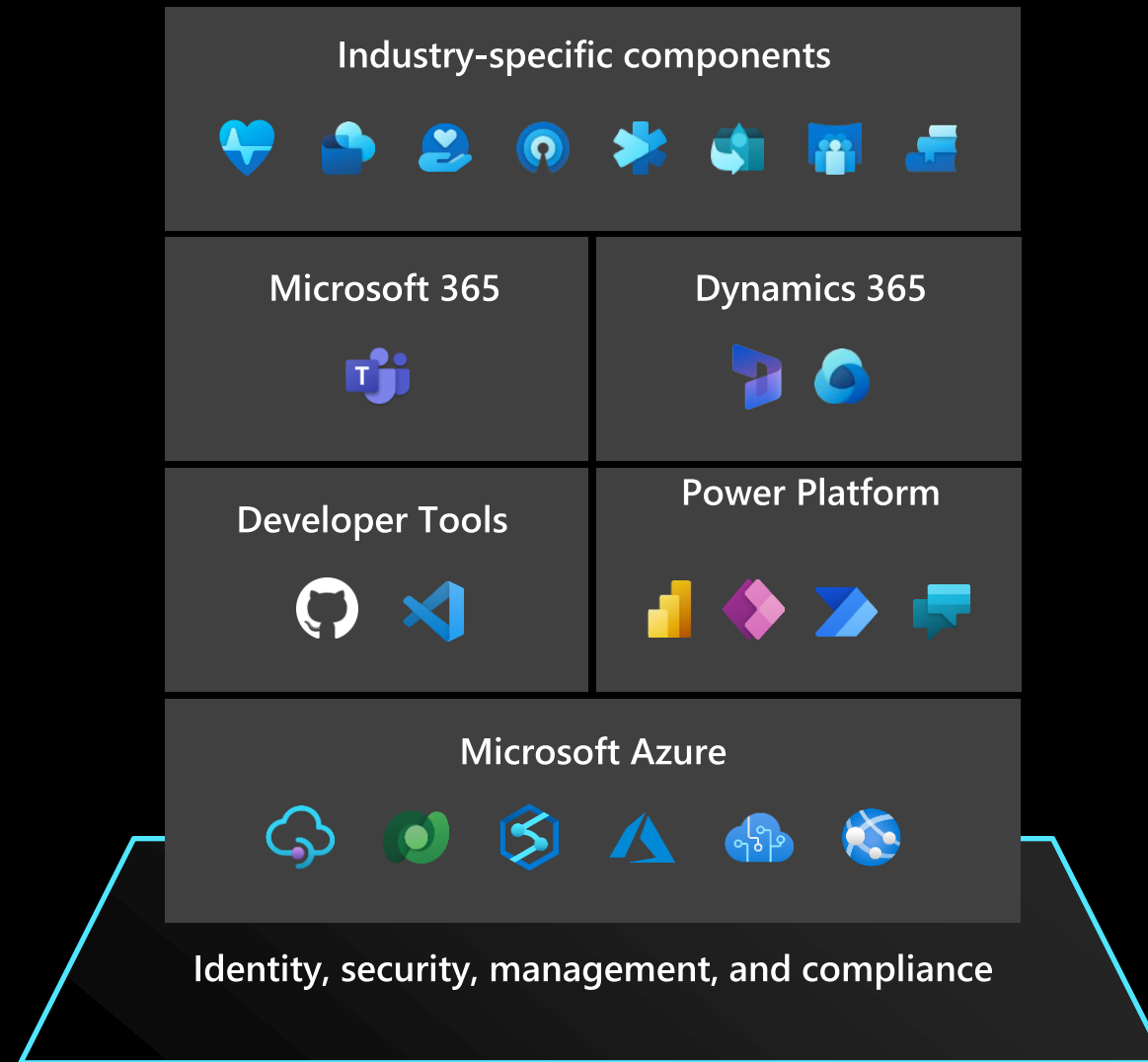
AI Builder



Management  
tools

# One Hyperconnected Collaboration Experience

*Rapidly build, modernize and innovate together with your business*



One more thing...



# Dataverse for Teams



# Microsoft Dataverse for Teams

**A built-in low code data platform** for Microsoft Teams.

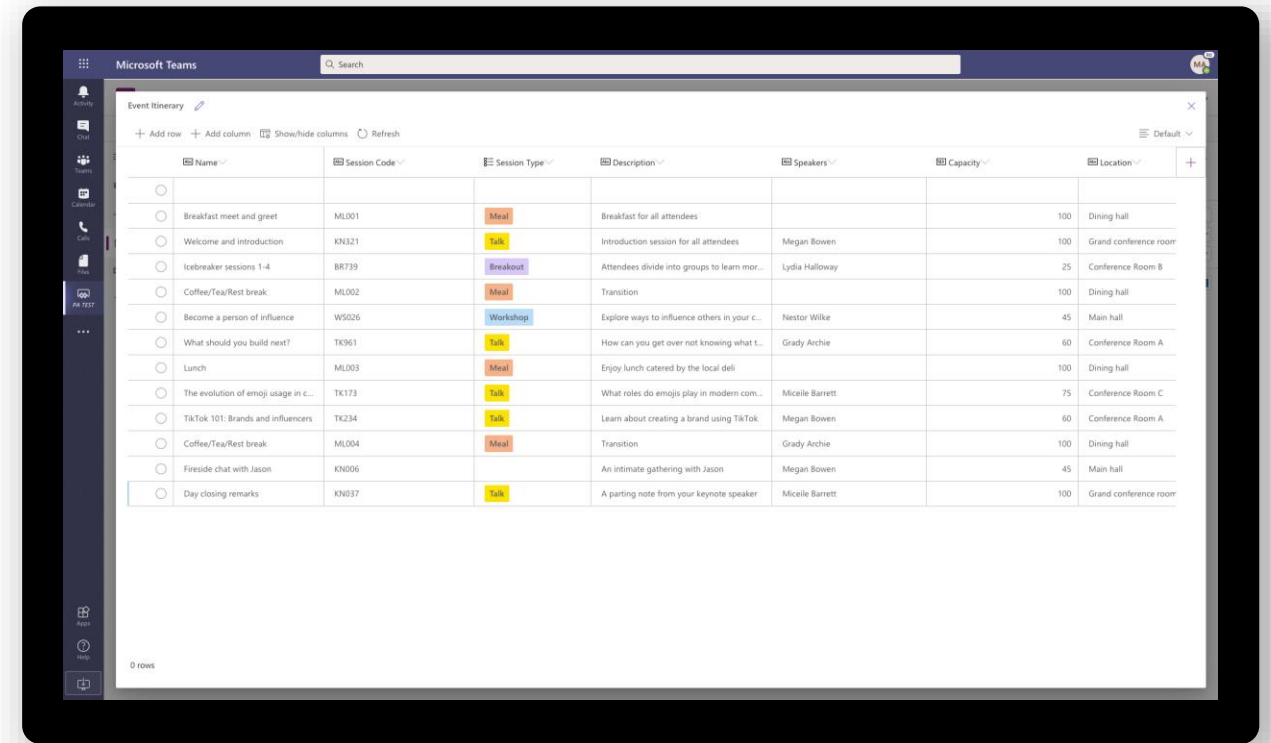
**Included for every Teams customer,** governable by IT.

**A subset of the capabilities** of the data platform behind Dynamics 365 and Power Platform.

**Provides storage,** rich data types with enterprise capabilities, and one-click solution deployment.

**Delivers** relational data, image, and file data support.

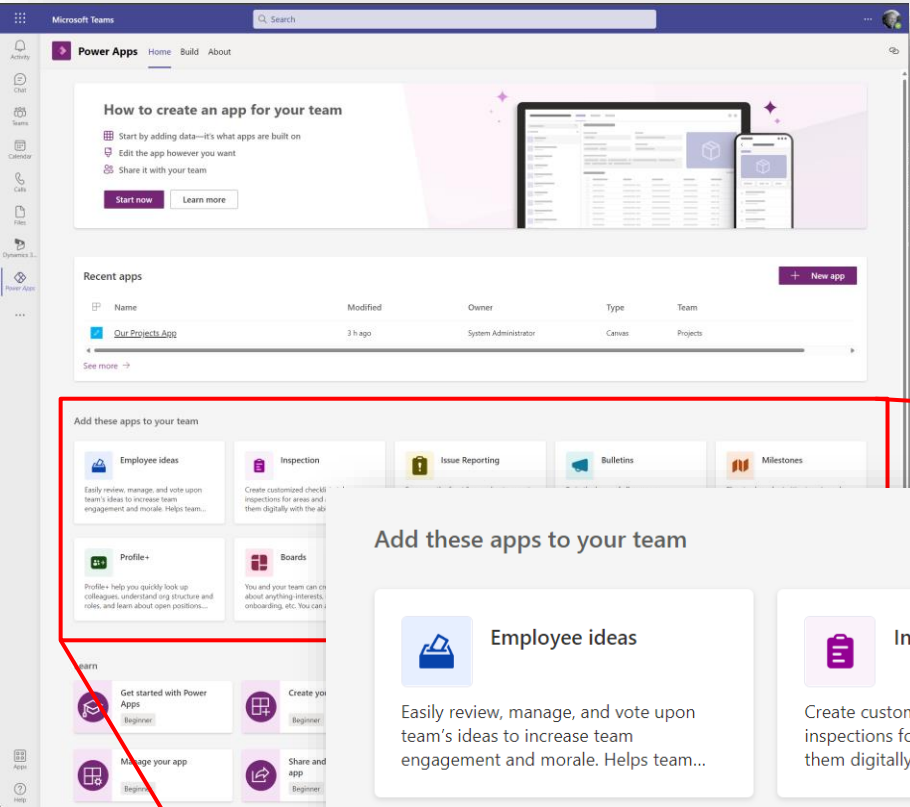
**Data can be shared** across multiple apps, flows, and chat bots.



The screenshot shows the Microsoft Teams interface with a table titled "Event Itinerary" displayed. The table has columns for Name, Session Code, Session Type, Description, Speakers, Capacity, and Location. The data is organized into rows representing different sessions and activities.

Name	Session Code	Session Type	Description	Speakers	Capacity	Location
Breakfast meet and greet	ML001	Meal	Breakfast for all attendees		100	Dining hall
Welcome and introduction	KN321	Talk	Introduction session for all attendees	Megan Bowen	100	Grand conference room
Icebreaker sessions 1-4	BR739	Breakout	Attendees divide into groups to learn mor...	Lydia Halloway	25	Conference Room B
Coffee/Tea/Rest break	ML002	Meal	Transition		100	Dining hall
Become a person of influence	WS026	Workshop	Explore ways to influence others in your c...	Nestor Wilke	45	Main hall
What should you build next?	TK961	Talk	How can you get over not knowing what t...	Grady Archie	60	Conference Room A
Lunch	ML003	Meal	Enjoy lunch catered by the local deli		100	Dining hall
The evolution of emoji usage in c...	TK173	Talk	What roles do emoji play in modern com...	Micelle Barrett	75	Conference Room C
TikTok 101: Brands and influencers	TK234	Talk	Learn about creating a brand using TikTok	Megan Bowen	60	Conference Room A
Coffee/Tea/Rest break	ML004	Meal	Transition	Grady Archie	100	Dining hall
Fireside chat with Jason	KN006	Talk	An intimate gathering with Jason	Megan Bowen	45	Main hall
Day closing remarks	KN037	Talk	A parting note from your keynote speaker	Micelle Barrett	100	Grand conference room

# Innebygde maler



## Add these apps to your team



### Employee ideas

Easily review, manage, and vote upon team's ideas to increase team engagement and morale. Helps team...



### Inspection

Create customized checklist style inspections for areas and assets. Perform them digitally with the ability to take...



### Issue Reporting

Empower the front line worker to report issues they see on the ground. Easily collect issues submitted in Planner for...



### Bulletins

Be in the know of all company communications, broadcasts, and announcements in an easy to consume...



### Milestones

Plan, track, and prioritize team's work capacity across projects in a central place. See team status and work item...



### Profile+

Profile+ help you quickly look up colleagues, understand org structure and roles, and learn about open positions....



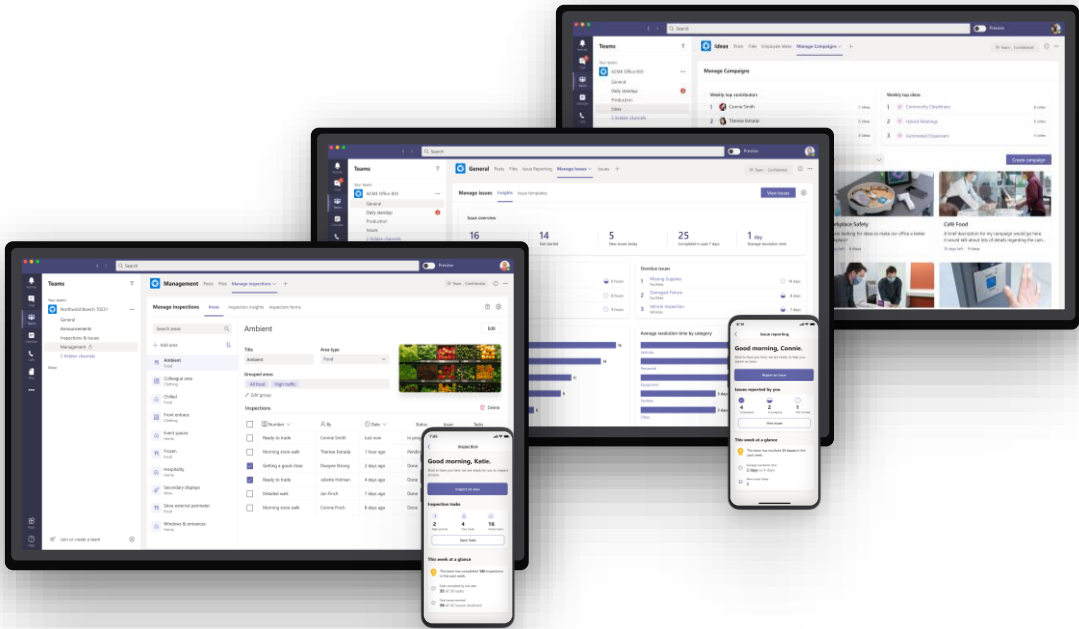
### Boards

You and your team can create boards about anything-interests, initiatives, onboarding, etc. You can also post just...



### Perspectives

The Perspectives app is a place to listen and be heard in your organization. A simple search-and-browse experience...



# Scalable data modeling and storage options



## Dataverse for Teams

- Built and maintained by [citizen developers](#).
- Connect natively with [Microsoft Teams](#)
- Good for [low volume of relational data structures](#) to use exclusively within Microsoft Teams
- [One-click upgrade to Dataverse](#)
- [OMG](#) (Owner, Member, Guest) permissions



## Microsoft Dataverse

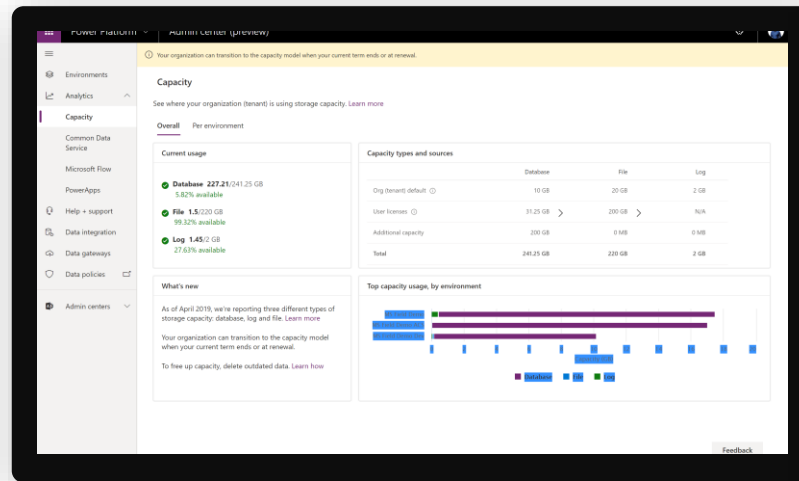
- Built and maintained by IT / super users
- Connect natively with a premium connector<sup>1</sup>
- Good for large volume of transactional data (Data, Files, Log)
- Out-of-the-box multi-language and multi-currency support
- Advanced Role Based Access Control (RBAC)
- Auto Load-Balancing, Backup, Restore and audit log
- Customizable duplicate detection and business rules

	Dataverse for Teams	Dataverse
Maximum Data Capacity	2 GB per environment <i>no option to increase but can upgrade to Dataverse environment</i>	4 TB per environment
Hierarchical Security	None	Out of the box via <a href="#">Business Units</a>
Field level security	None	Out of the box
Who will create and manage the app and data model?	Business	Business or IT
Data model complexity	Simple or complex	Simple or complex
Platform	SaaS	SaaS
Advanced analytics and reporting	Direct Query with security trimming and near real-time updates.	Connects to Data Lake Gen 2 for advanced analytics. Direct Query with security trimming and near real-time updates.

Superlett å lage apper!

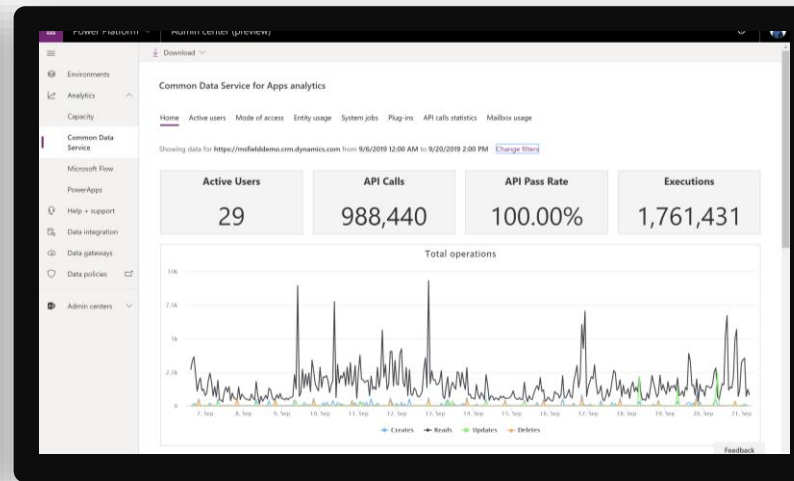
...skaper vi skygge-IT?

# Admin reporting and analytics in the Power Platform admin center



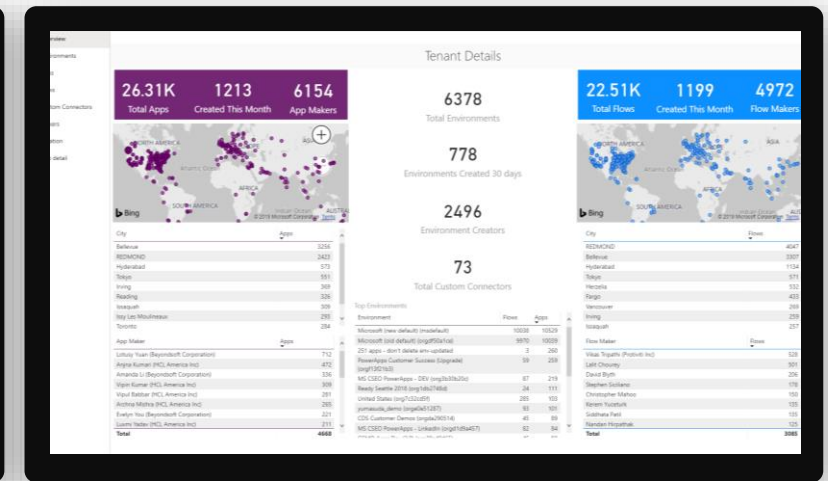
Admin insights provide deep visibility into usage and performance of applications

Users  
Locations  
Capacity



Analytics track health and implementation metrics and help keep users on track

Service performance  
Error reporting  
App usage

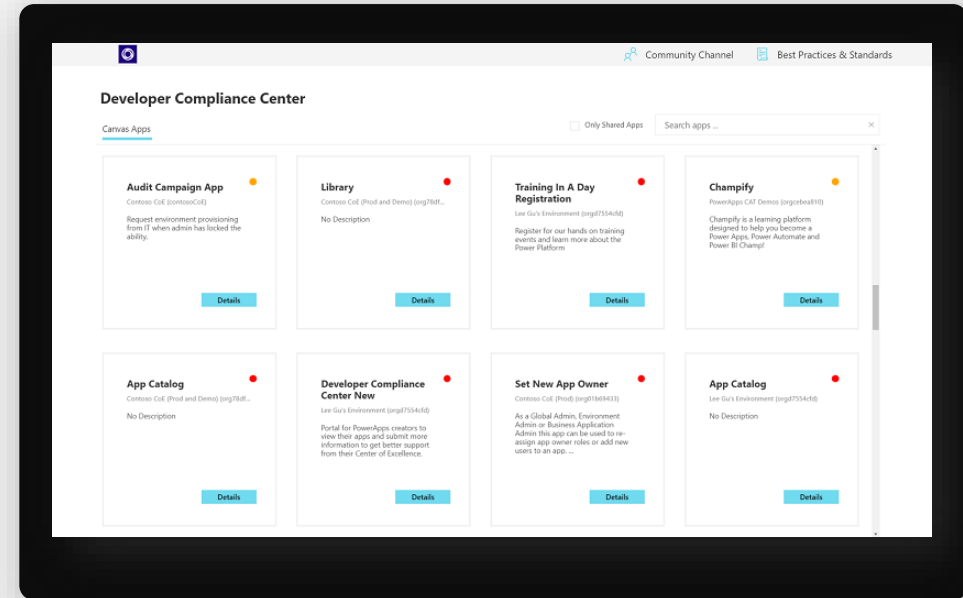
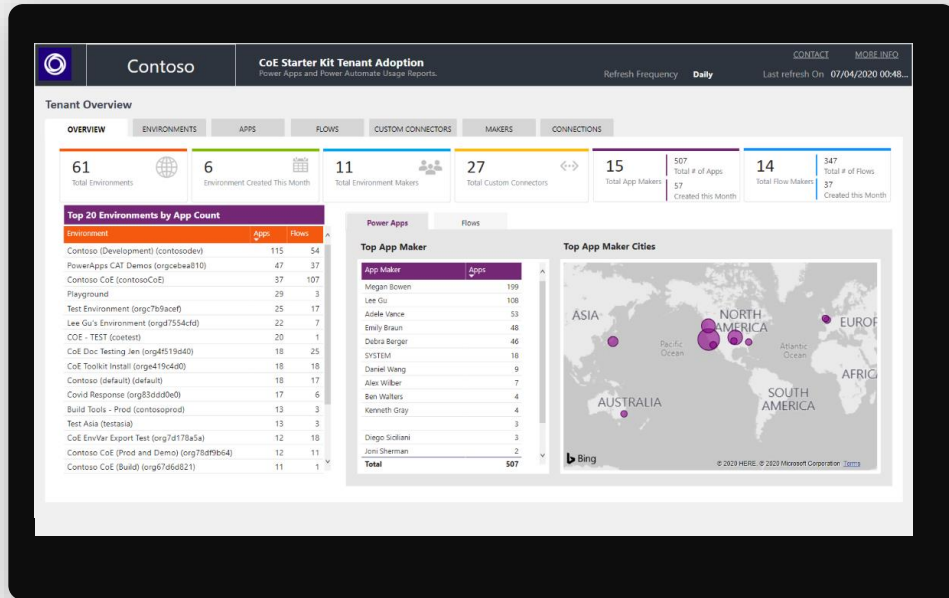


Personalize insights and drive action with custom Power BI reports and Power Automate

All up view of what's being created  
Discover your champions  
Trigger automated actions

# Maintain standards with the Center of Excellence Starter Kit

[aka.ms/coestarterkit](https://aka.ms/coestarterkit)



## Enhanced monitoring

Extend monitoring with tenant-level reporting and user trend analysis.



## Better governance

Use pre-built flows to establish more effective audit, compliance and archive processes



## Strong community

Get tools, templates and flows to onboard new makers, provide training, and share best practices.



## Consistent branding

Leverage components to create, manage and share enterprise branded themes.

Så oppsummert...



# Microsoft Power Platform



Power BI



Power Apps



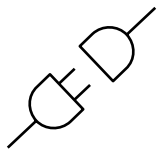
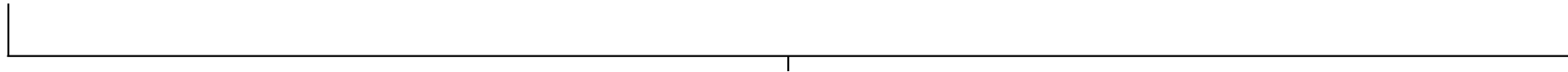
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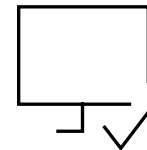
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tools

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Dataverse **easily structures a variety of data and business logic** to support **interconnected applications and processes in a secure and compliant** manner

# Additional resources



## Microsoft Dataverse

[Docs: Dataverse guidance documentation](#)

[Microsoft Dataverse Power Apps documentation](#)

[Get started with Power Apps](#)

[Microsoft Dataverse | Microsoft Power Platform](#)



## Microsoft Dataverse for Teams

[Blog: A closer look at the data platform capabilities](#)

[Find technical resources](#)

[Secure and govern your apps with ease](#)





Microsoft Dataverse

# Takk for meg!

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