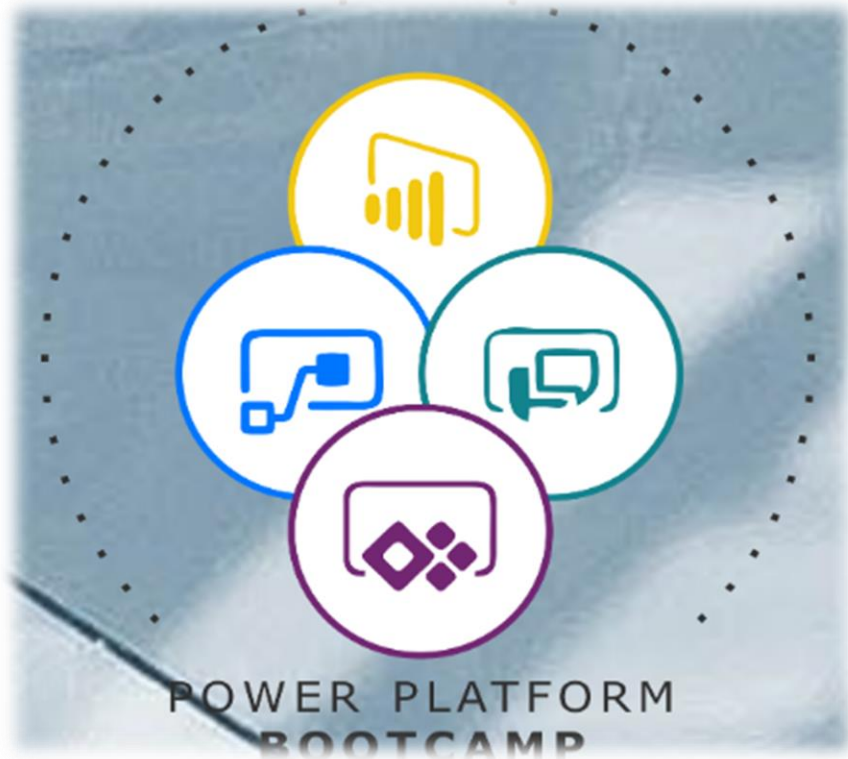


A background image of the Hamburg skyline, featuring the spire of the Hamburg City Hall and the modern architecture of the Hamburg City Hall extension. A solid blue horizontal bar is at the bottom of the image.

Power Platform Bootcamp Hamburg

POWER APPS
PORTALS

Big thanks!



Session Agenda

Get to know the basics on Power Apps Portals for a “flying start”

- I. What are Power Apps Portals?
- II. How to create a Power Apps Portal?
- III. How does the Common Data Service fit in?
- IV. Get started with pages and navigation
- V. Get started with lists
- VI. Get started with forms
- VII. Get started with (role based) access
- VIII. Licensing



About me

- Microsoft 365 Enthusiast #PowerAddict
- Consultant #CitizenDeveloper



-  <https://www.linkedin.com/in/djangolohn/>
-  <https://twitter.com/LohnDjango>
-  <https://knowhere365.space/>

About you

Hide results

Close voting

Reset results

Countdown



Change question

Go to **www.menti.com** and use the code **86 39 60**



Mentimeter

title?



28



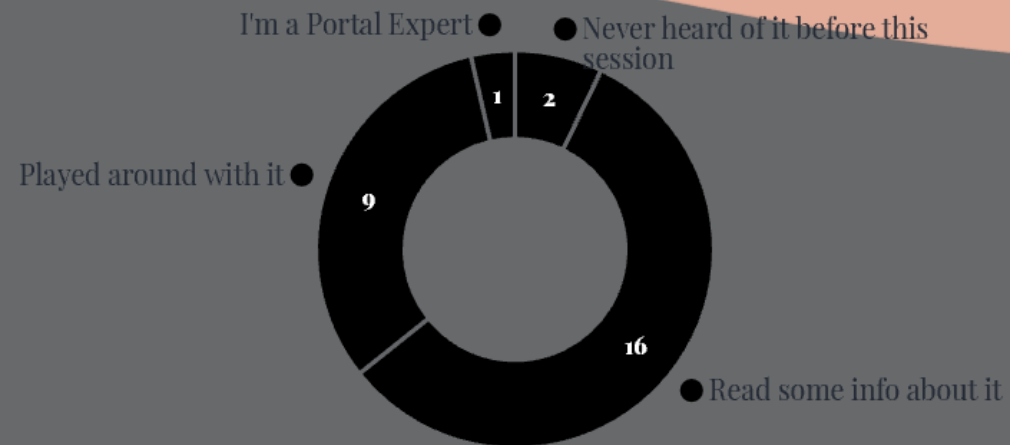
About you

Go to www.menti.com and use the code **86 39 60**



Mentimeter

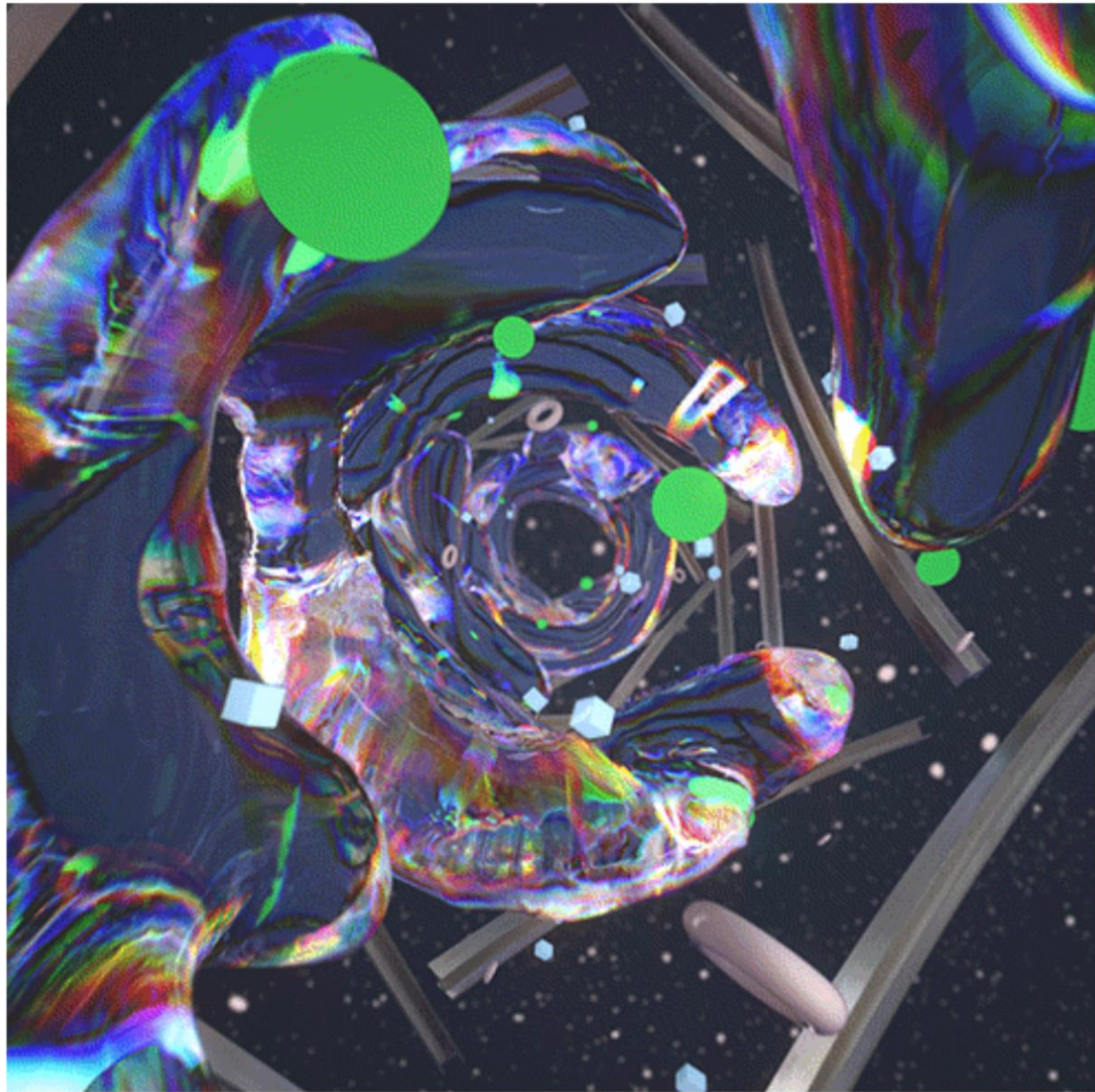
How familiar are you with Portals?



Slide is not active

Activate

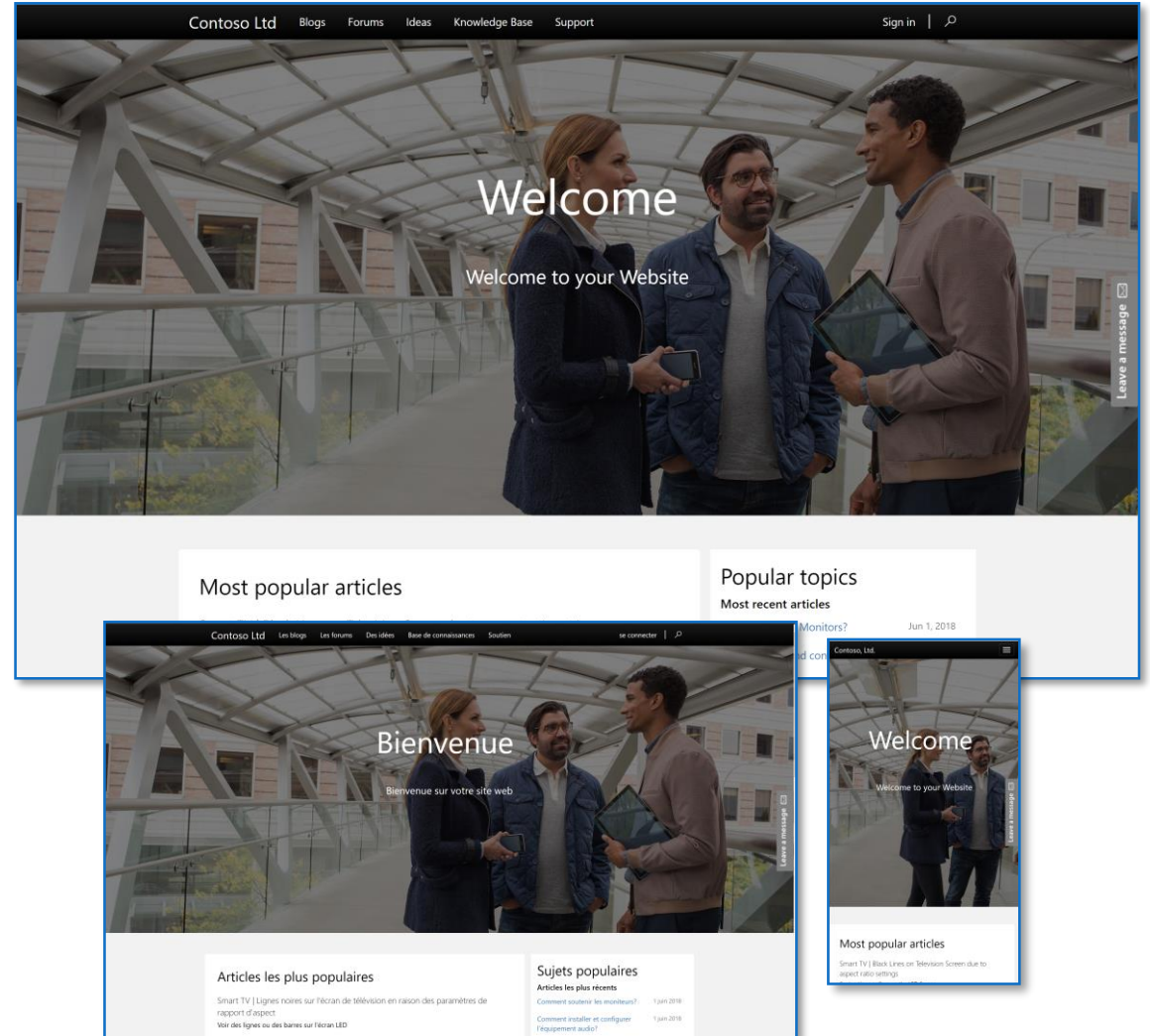
28



What is a
Power Apps
Portal? [i](#)

A modern website application!

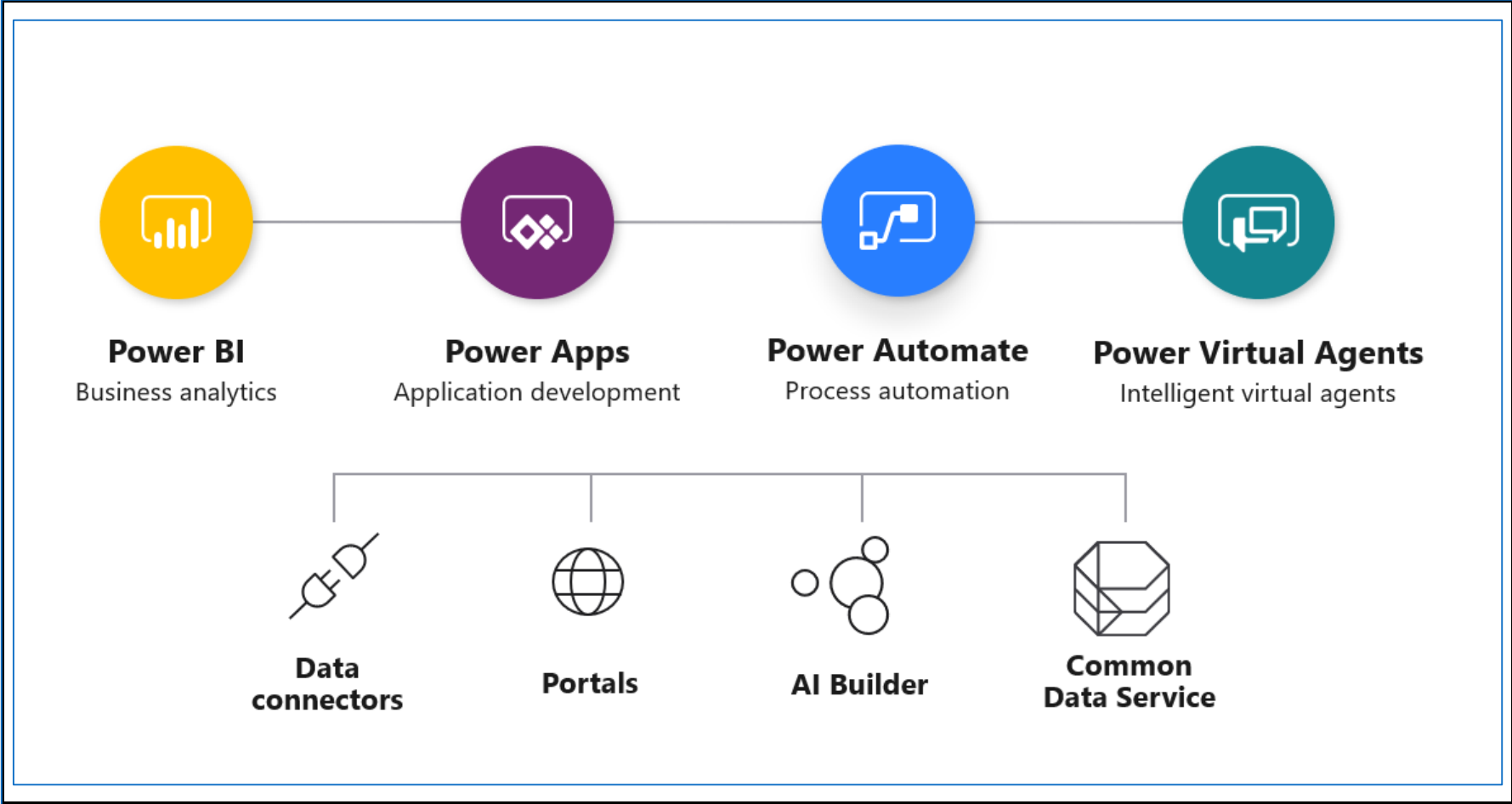
but... preconfigured to be integrated with your data and processes



Relation to Power Platform

Tools

Data

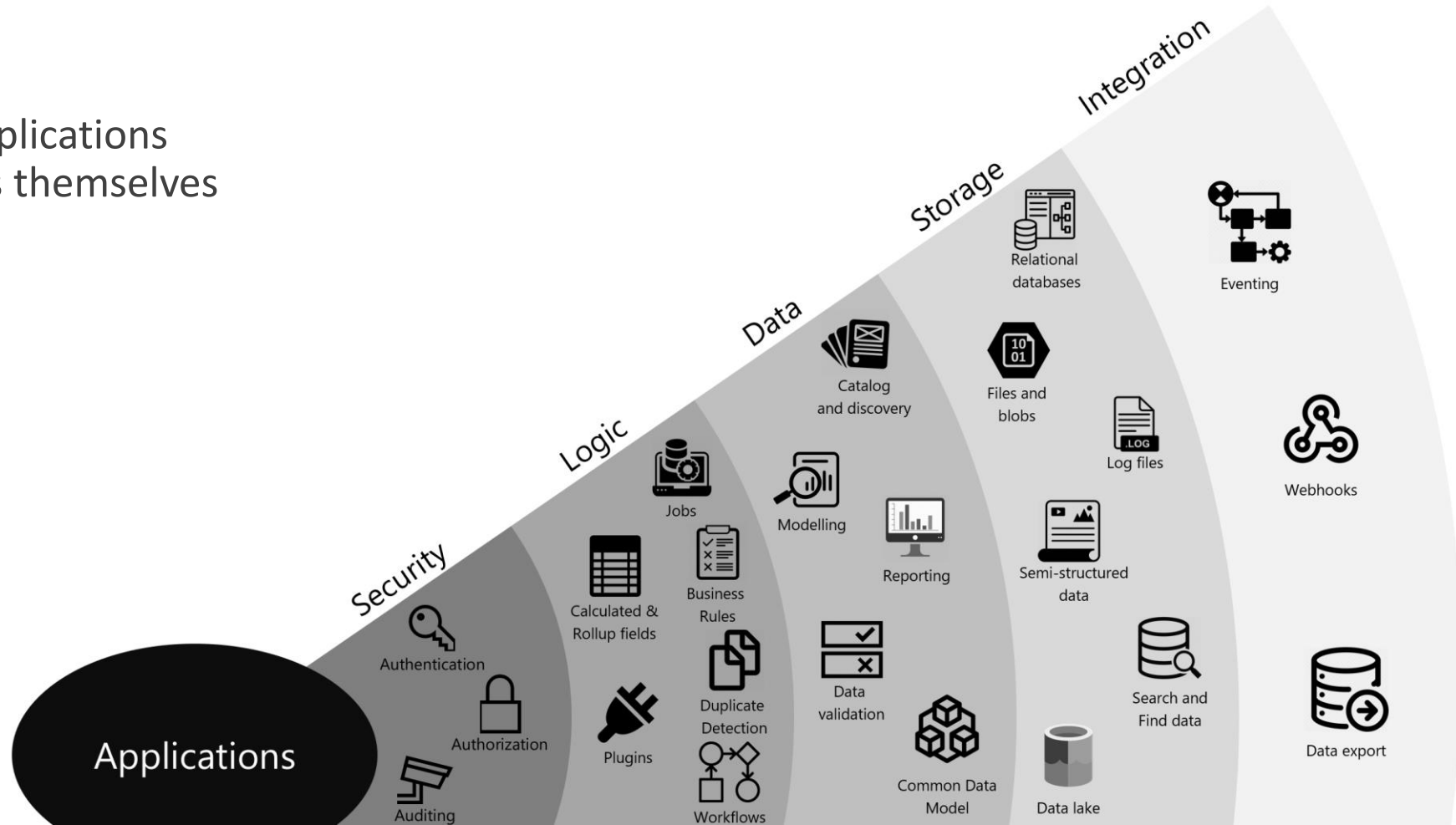


Common Data Service

Database-out-of-a-box

Built to support business applications
manageable by the business themselves

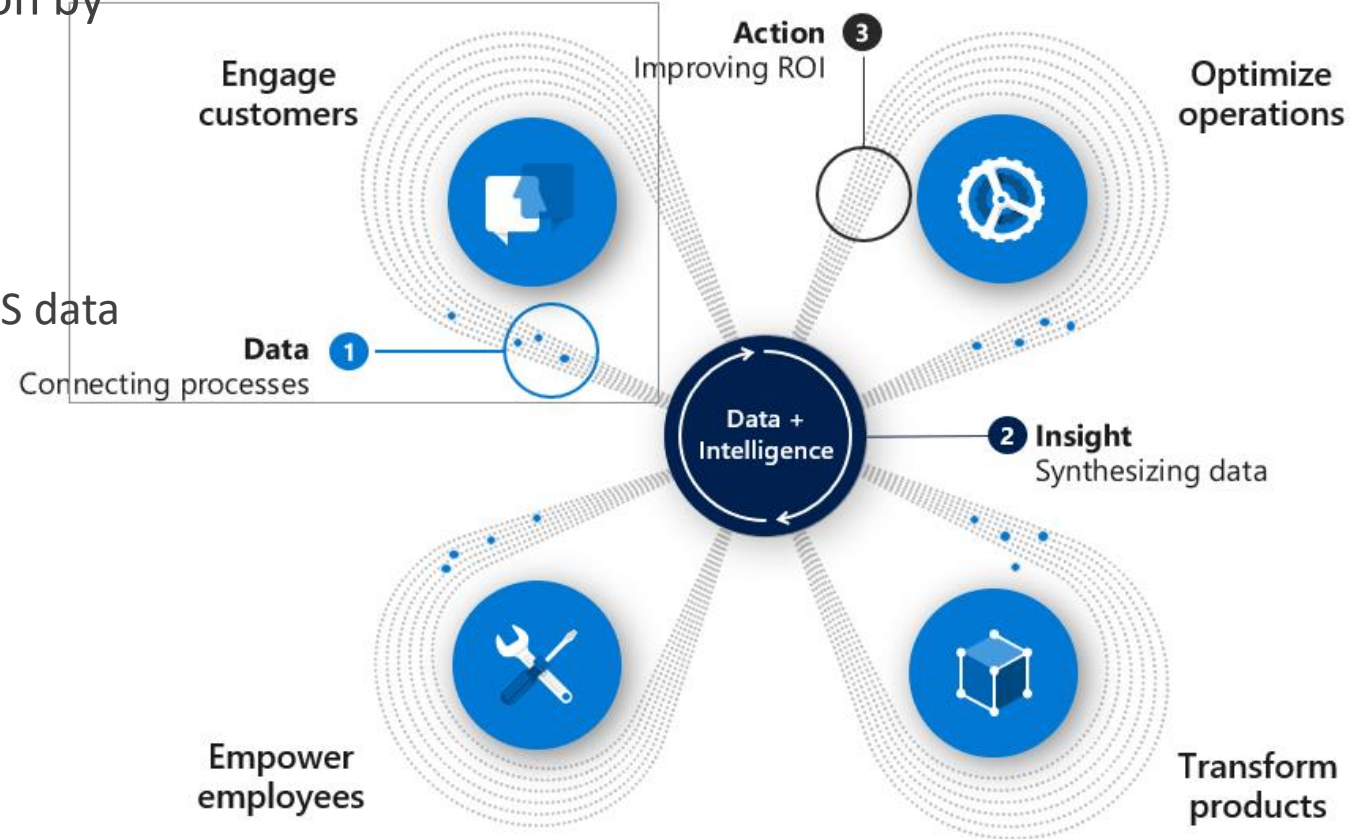
Required for Portals!



What are Portals for?

Extend data outside your organization by engaging customers through:

- a low code multilingual, responsive website with prebuilt templates
- Integrating existing login providers
- WYSIWYG designer enriched with CDS data
- Pro Dev extensibility

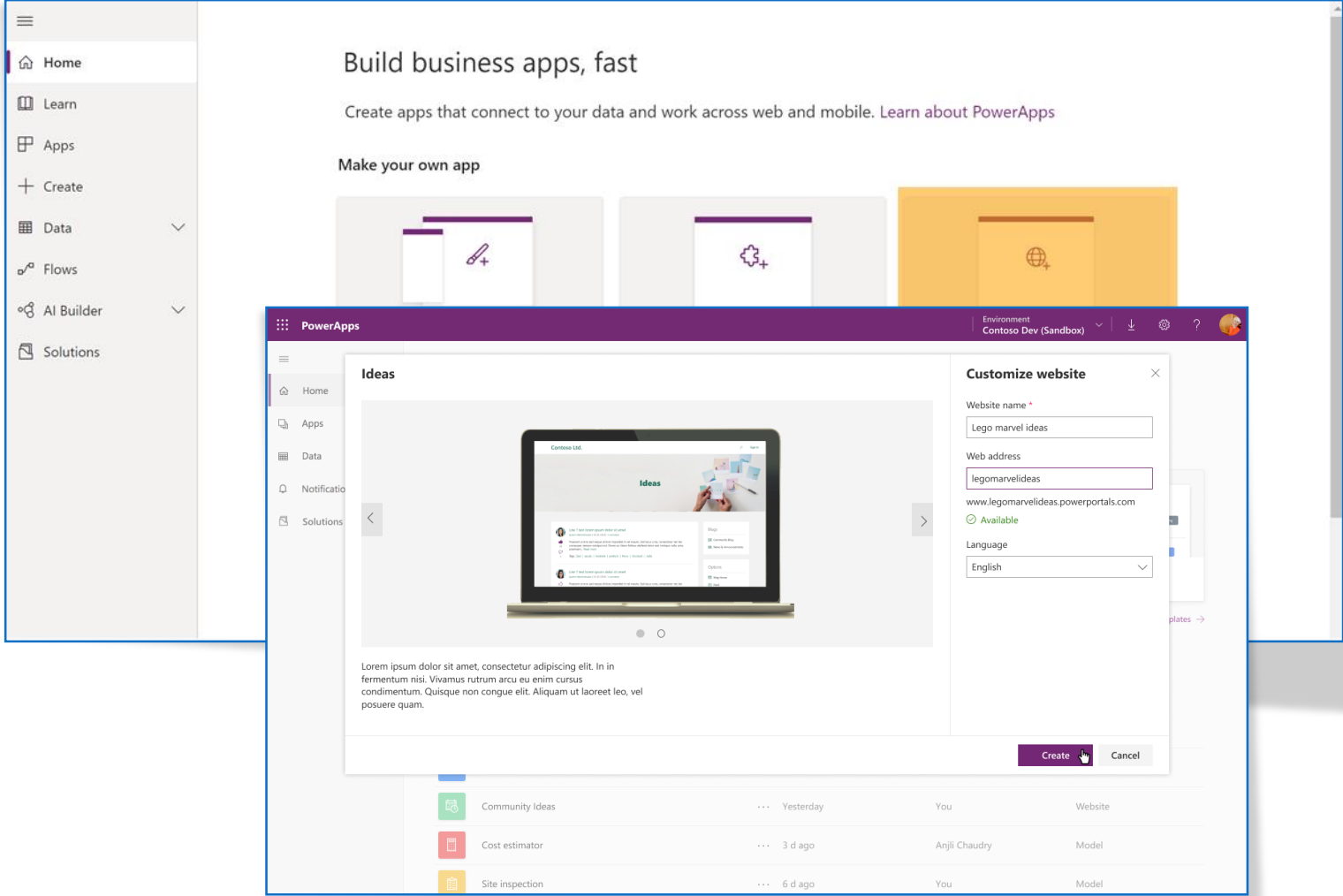




How to create a
Power Apps
Portal?

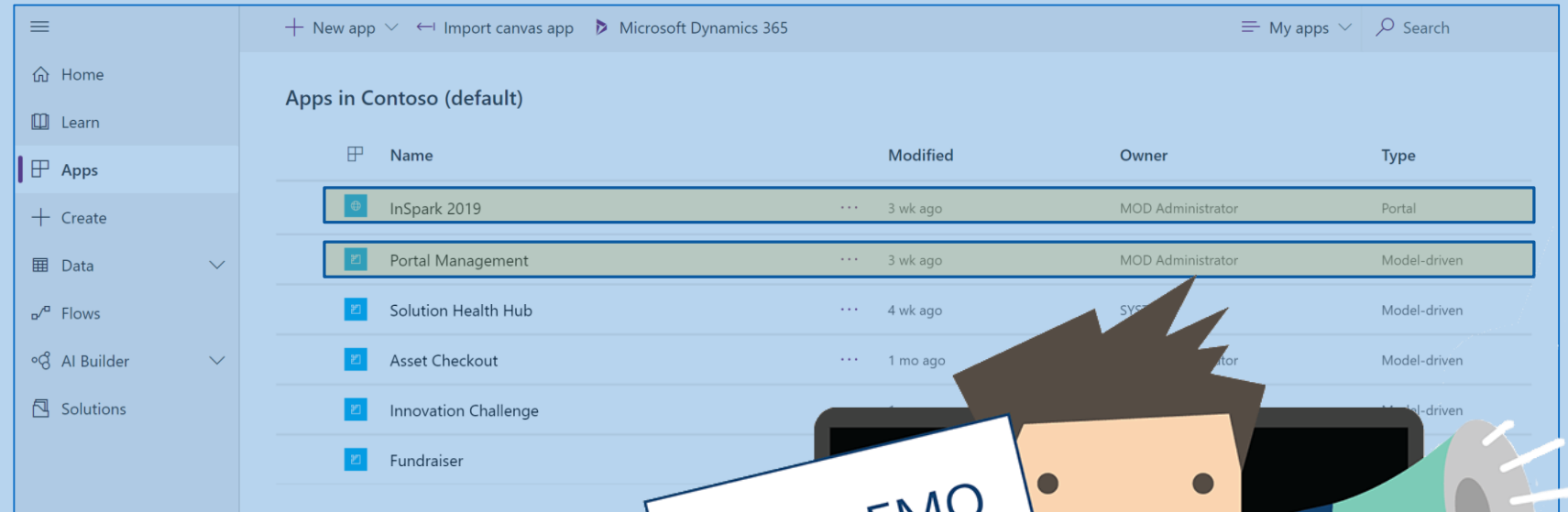
Power Apps Portal creation

Special type of PowerApps
Built on CDS entities



Manage your Power Apps Portal

1. A Model Driven **Portal Management App** for (backend) management
2. A **Portal Studio App** for WYSIWYG designer

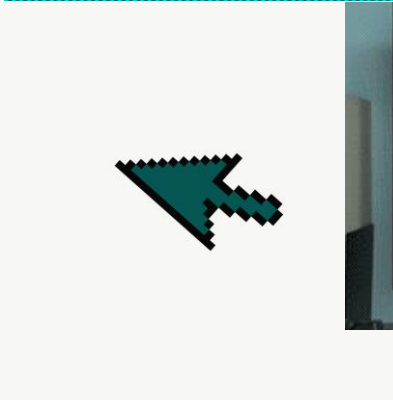


Name	Modified	Owner	Type
InSpark 2019	3 wk ago	MOD Administrator	Portal
Portal Management	3 wk ago	MOD Administrator	Model-driven
Solution Health Hub	4 wk ago	SYSTEM	Model-driven
Asset Checkout	1 mo ago	SYSTEM	Model-driven
Innovation Challenge			Model-driven
Fundraiser			Model-driven





Click
Here

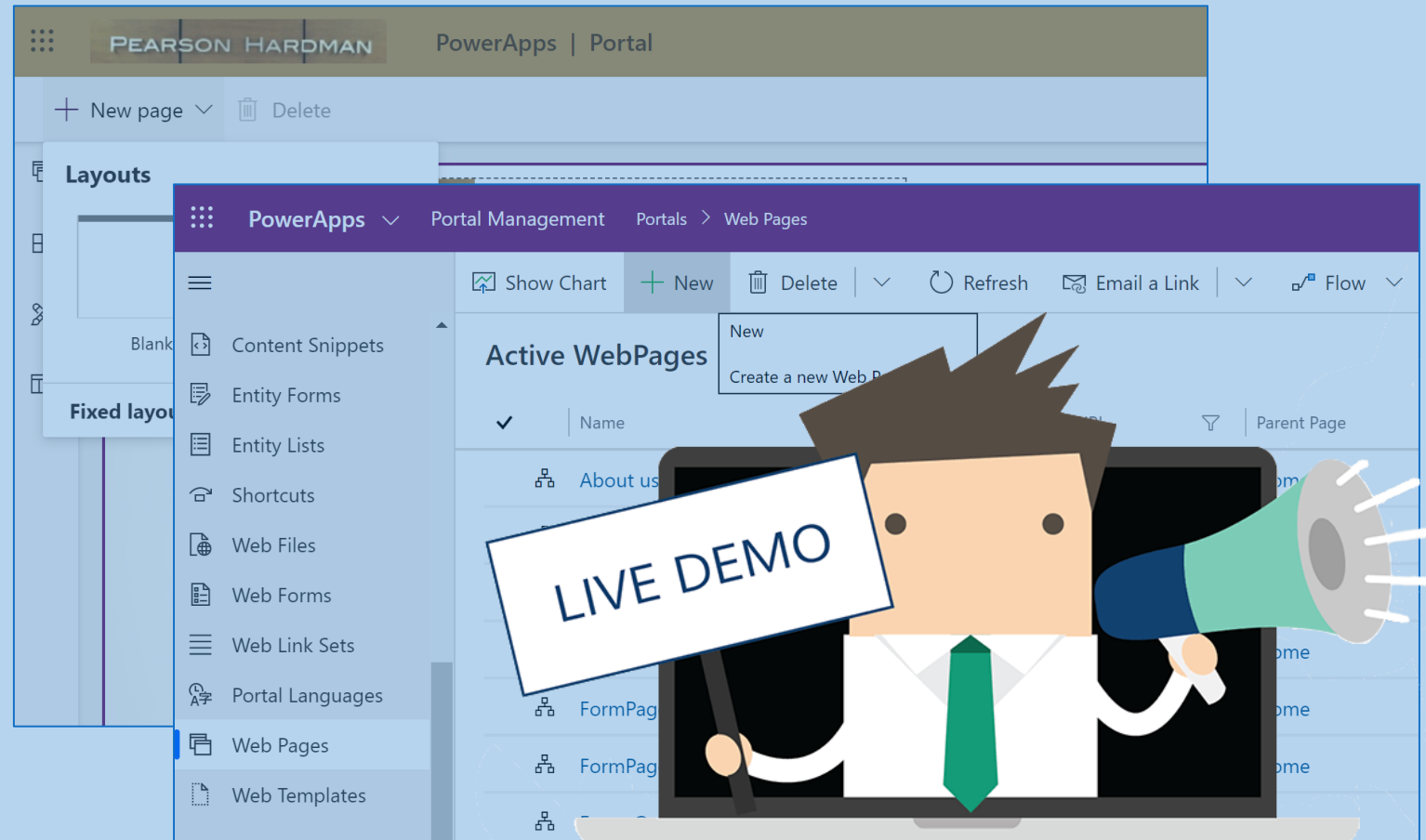


TAP
HERE

Get started
with pages and
navigation

Pages contain content

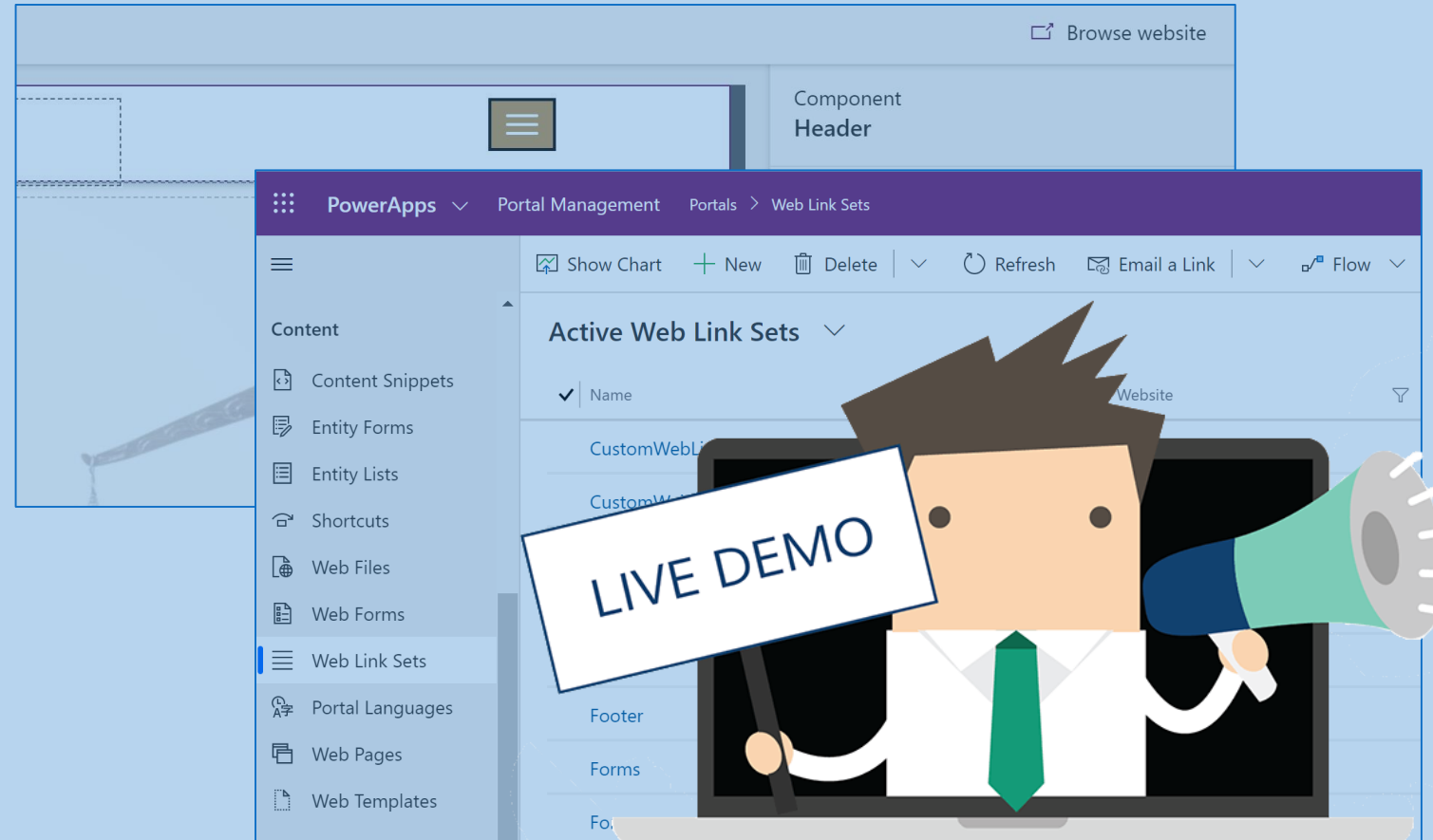
1. First try the **Portal Maker App**
2. Then try the Model Driven **Portal Management App**



1. Portal Maker App: Add a page

Navigation orders your pages

1. First try the **Portal Studio App**
2. Then try the Model Driven **Portal Management App**



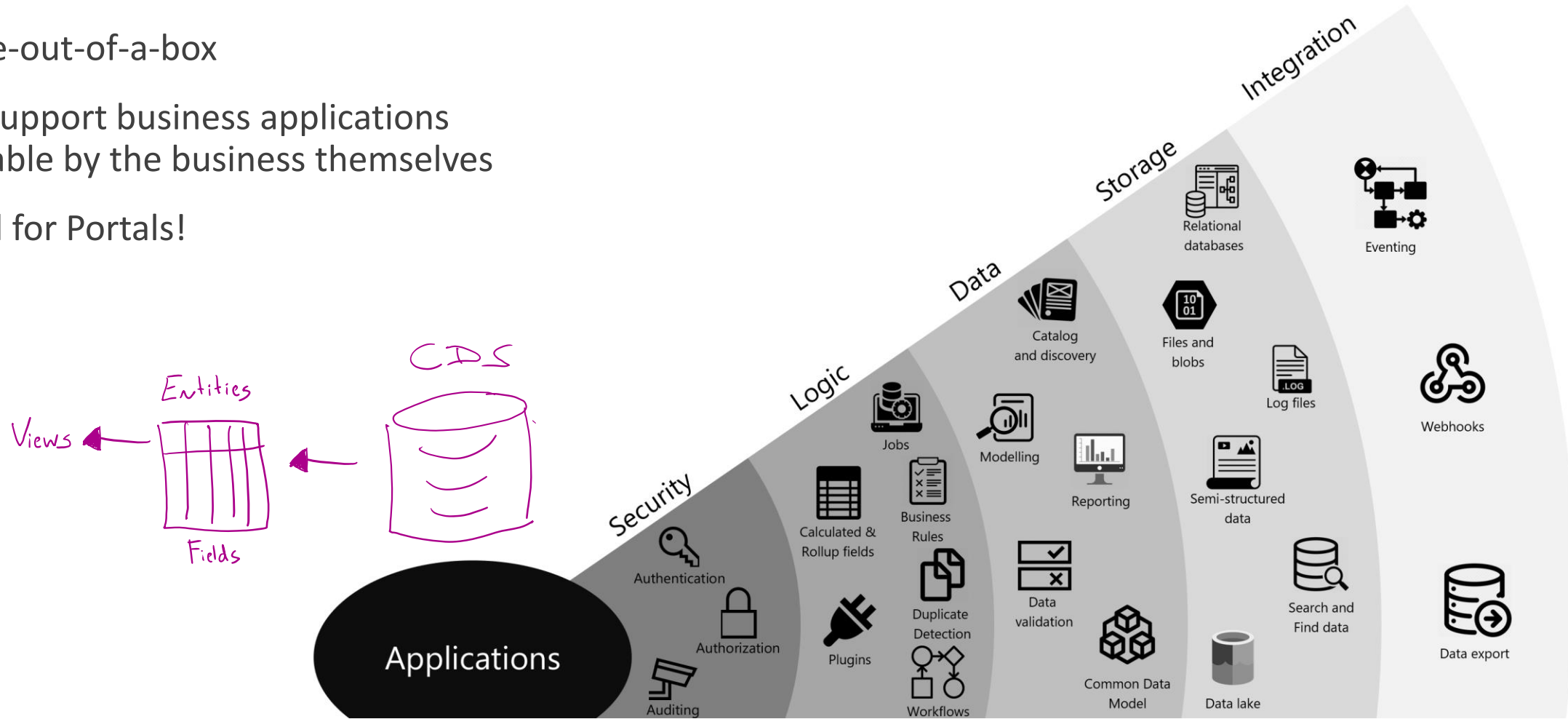
1. Portal Maker App: See the Navigation Menu
2. Portal Management App: See the Web Link Set

Common Data Service

Database-out-of-a-box

Built to support business applications
manageable by the business themselves

Required for Portals!



Essential components for data overview

Views are the visual result of queries on data

- Linked to entity
- Usable in Power Apps Portals by
 - linking the view to an Entity List
 - Without additional configuration everything is viewable (more on access later)

1. Power Apps Environment: Add a view to the Entity
2. Portal Management App: Add an Entity List to the CDS
3. Portal Maker App: Add a page to show the Entity List
4. Portal Maker App: Add the Entity List to a Power Apps Portal Page





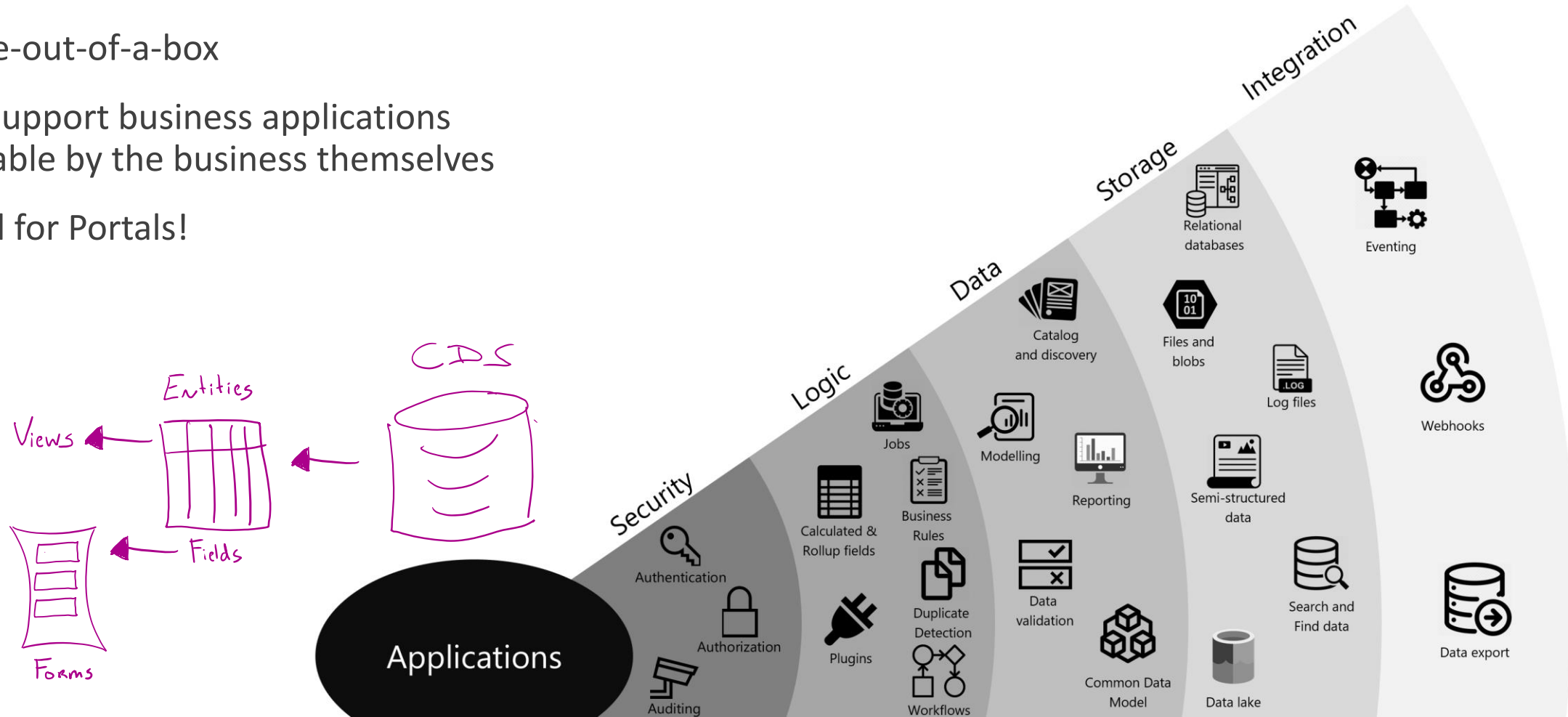
Get started
with forms

Common Data Service

Database-out-of-a-box

Built to support business applications manageable by the business themselves

Required for Portals!



Essential components for data interactions

Forms are the visual layout of fields of a record

- Linked to entity
- Usable in Power Apps Portals by
 - Linking the Form to an Entity Form and using the Entity Form
 - On pages directly
 - Linked to Entity Lists

1. Power Apps Environment: Add a Form to the Entity
2. Portal Management App: Add an Entity Form to the CDS
3. Portal Maker App: Add a page to show the Entity Form
4. Portal Maker App: Add the Entity Form to a Power Apps Portal Page



>>> CHANGES LOCKED OUT <<<

** IMPROPER REQUEST **

** ACCESS DENIED **

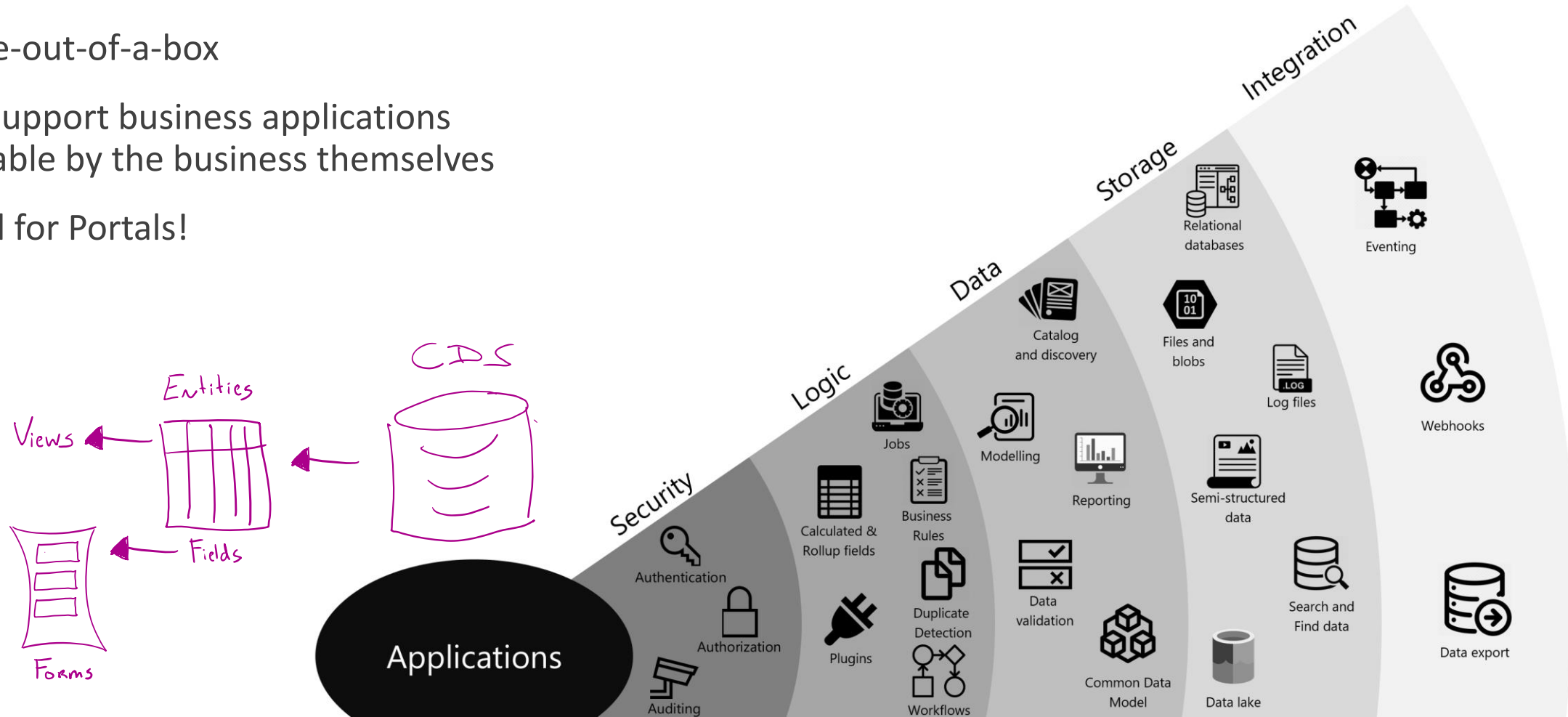
Get started
with (role
based) access

Common Data Service

Database-out-of-a-box

Built to support business applications manageable by the business themselves

Required for Portals!



Authentication versus Authorization

AuthN vs AuthZ

- Authentication is verifying that **you are who you say you are**
- Authorization is configuring what **someone can do with what data**

Authentication Methods configurable



Essential components for granular access

Web Roles are the foundation for AuthZ

- default roles
 - Administrator
 - Anonymous
 - Authenticated
 - Usable in Power Apps Portals by
 - Linking Web Roles to Contacts
 - Linking Web Roles to access possibilities
 - Example = Access Rules on pages
 - Examples = Entity Permissions on Entity Lists / Entity Forms
1. Portal Management App: Add an Entity Permission to the CDS (Enable on Entity Form / Entity List if desired)
 2. Portal Maker App: Add a page to show the Entity Form
 3. Portal Maker App: Add the Entity Form / Entity List to a Power Apps Portal Page





Licensing

Pay to have it & Pay to make it available

1. For internal users: (Dynamics Portals separate)
 - \$ per app per user (application with two PowerApps and one Power Apps Portal)
 - \$ per user (unlimited PowerApps for this user)
2. For external users:
 - \$ for anonymous hits [100 for 100.000]
 - \$ for authenticated hits (1 hit = 24hours valid) [200 for 100]

[FAQ](#)

[Prices](#)

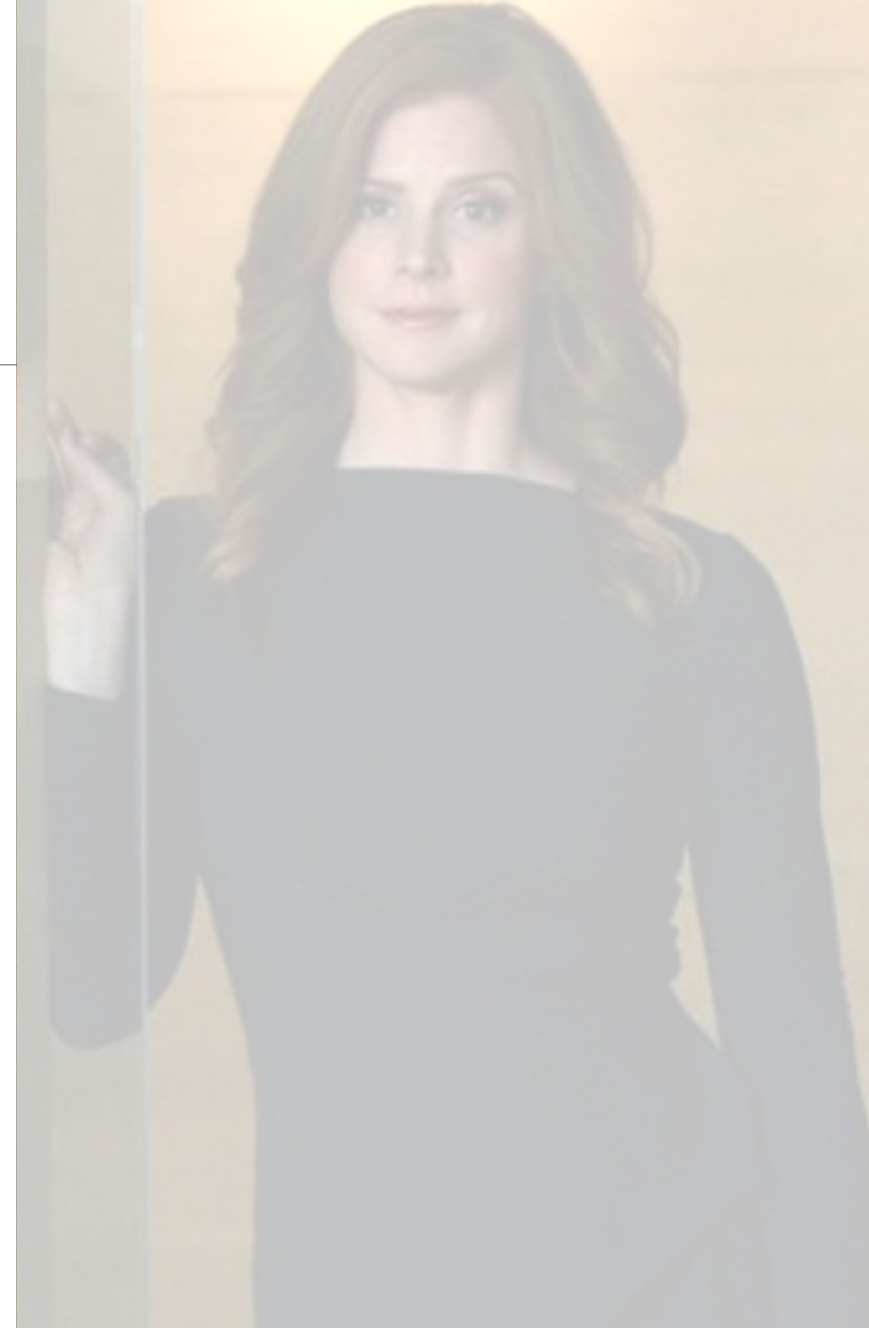
Do's & Don'ts

Do

- Search on Dynamics Portal if PowerApps Portal / Power Apps Portal has no hits
- Refresh, get some coffee, refresh
- Create (Draft) test pages to Create / Test / Update

• Don'ts

- Make Dynamics changes during office hours (adding languages, changing configuration etc)
- Make the portal multilanguage unless you plan to use (and maintain!) it multiplied
- Test / Change on live content



Questions?



Questions?



Go to **www.menti.com** and use the code **86 39 60**

Any (anonymous) questions?

 Mentimeter

No questions from the audience!

Incoming questions will show up here so that you can answer them one by one.

A to mark as answered, **Q** to see more questions

 Slide is not active

