

# Getting Started with the Common Data Service



# Agenda

- Common Data Service Overview
- Creating the CDS Database
- Understanding Entities
- Building Model-driven Apps
- Developing with Solutions and Custom Entities
- Importing Data into the CDS Database



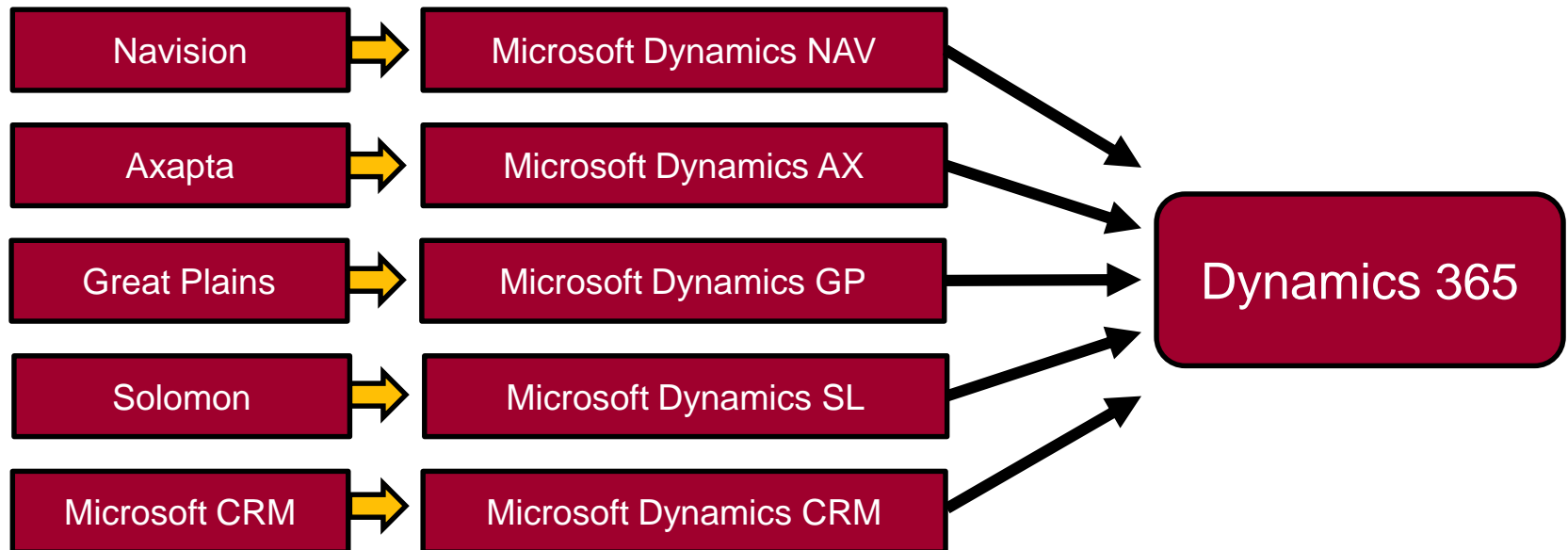
# What is Common Data Service?

- Platform for building business applications
  - Business application categories include CRMs, ERPs, etc.
  - Provides common database for generalized business scenarios
  - Conforms to the Common Data Model (CDM)
- What does Common Data Service provide?
  - Standard database schema of common business entities
  - Extensible design for extending and creating entities
  - Ability to leverage and build entity-specific views and forms
  - Ability to build entity-specific business logic
  - Ability to quick build apps by assembling entity components



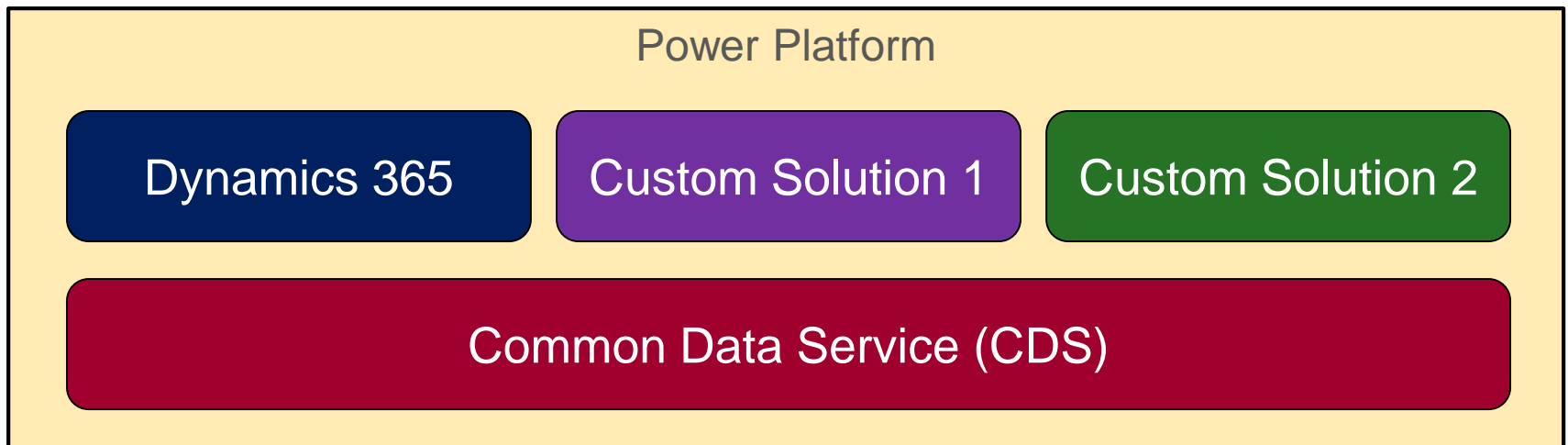
# Evolution of Microsoft Business Application Suite

- Microsoft has acquired many software companies
  - Several acquisitions involved software that targets CRMs and ERPs
  - Microsoft evolved many software applications into Dynamics suite
  - Dynamics 365 represents evolution from on-premises to cloud



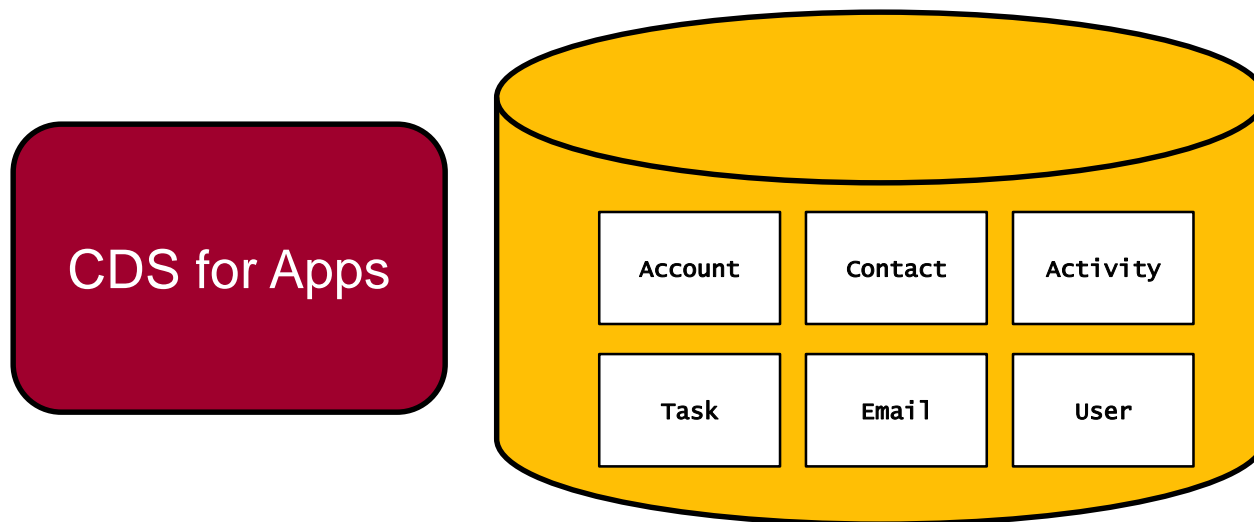
# Birth of the Power Platform

- Microsoft moved entity infrastructure out of Dynamics 365
  - CDS has infrastructure for building entity-based business solutions
  - Dynamics 365 is now a suite of products that sit on top of CDS
  - Custom solutions built on CDS by adding entities with UI and logic
  - CDS provides underlying foundation of Power Platform



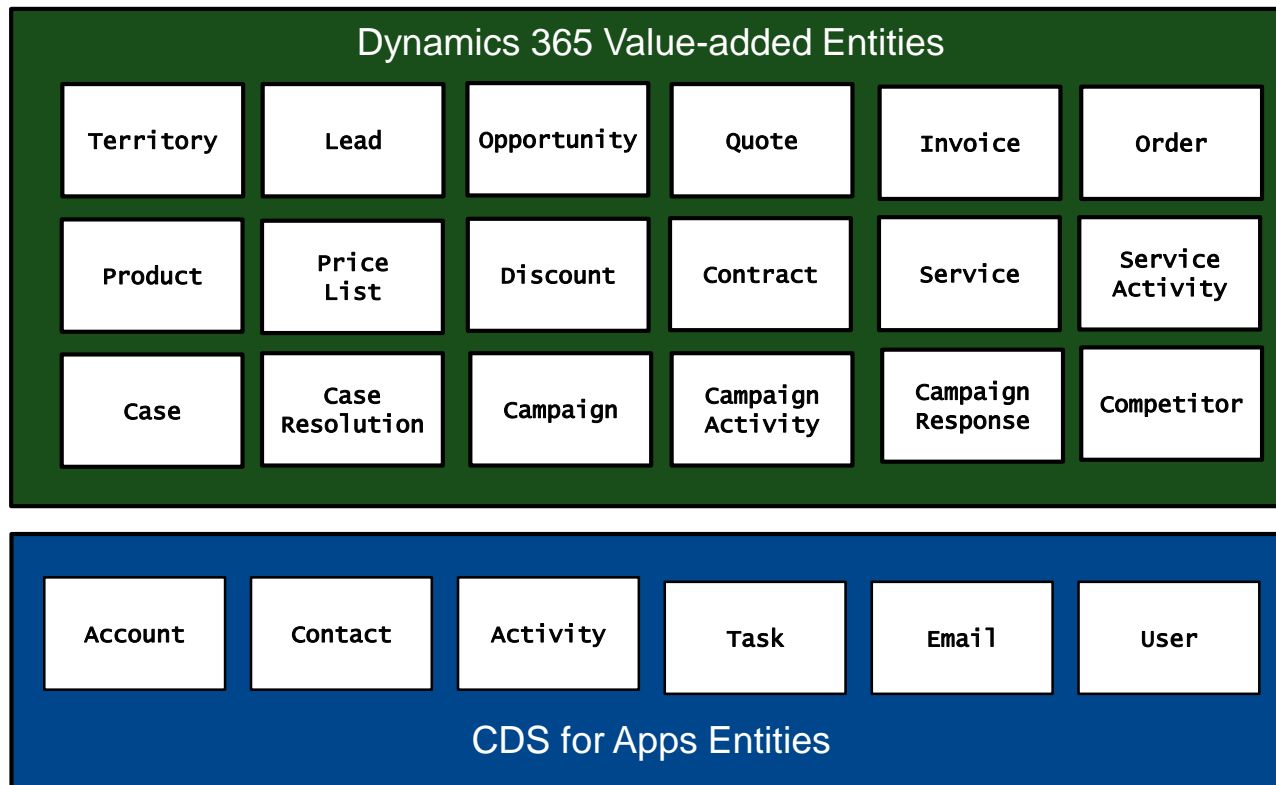
# Common Database Model Schema

- CDM defines set of entities available to all applications
  - **Account:** represents an business entity that can be invoiced
  - **Contact:** represents a human being
  - **Activity:** represents an event that can be schedule
  - **Task:** represents work item that can be assigned to user or team
  - **Email:** represents email message sent or received
  - **User:** represents system user who can be owner of records



# CDS versus Dynamics 365 for Sales

- CDS provides base set of entities
  - Custom solutions extend CDS by adding custom entities
  - Dynamics 365 extends CDS by adding a large set of its own entities





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# Getting a Power Apps Per User Plan

- Certain design tasks require Power Apps per user plan
  - You can start a 30-day trial for Power Apps per user plan
  - License must be assigned to individual user accounts

**Business apps**

Boost employee productivity with apps that power your organization. Automate processes and tasks, plan and track your projects, and create organization charts, maps, and workflows - all to support your business.

**Power Apps per app plan** → **Power Apps per user plan** ✓

Each subscription provides assigned user with the use rights to a specific custom business application.

Starting at \$10.00 add-on/month

Subscription enables licensed user to create, customize, share, and run business applications.

Starting at \$40.00 user/month

**Power Apps per user plan**

Subscription enables licensed user to create, customize, share, and run business applications.

Starting at \$40.00 user/month

Subscription options

- \$40.00 user/month
- \$480.00 user/year

**Buy** → **Get free trial** ⓘ

**Active users**

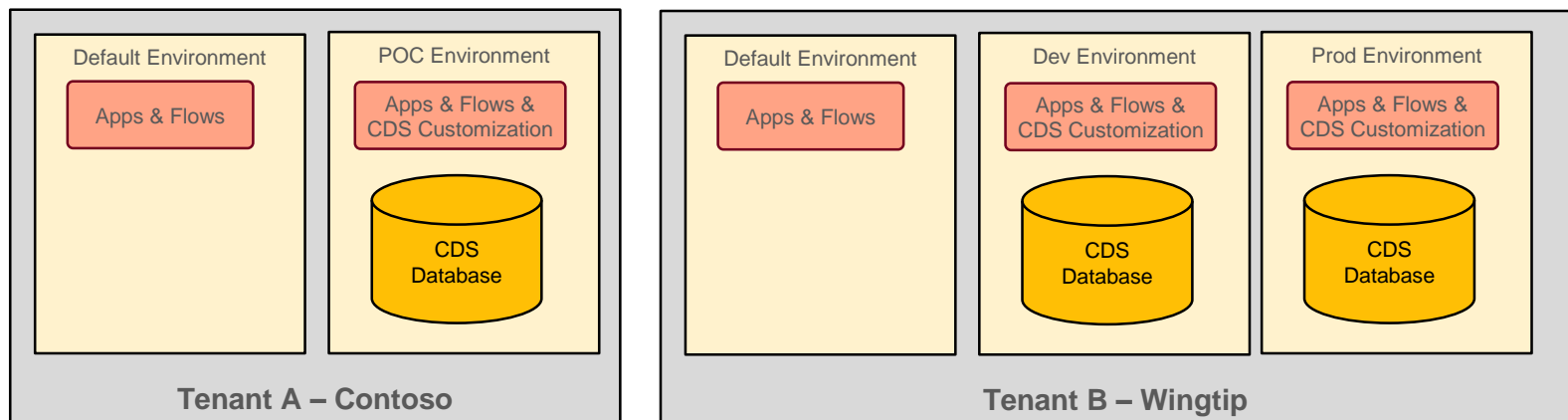
👤 Add a user 🔄 Refresh 🗑️ Delete user 🔍 Reset password 📄 Manage product licenses 👤 Manage roles ⬇️ Export Users ⋮

Display name	Username	Licenses
James Bond	JamesB@msd0406.onmicrosoft.com	Office 365 E5
✓ Stu Dent	student@msd0406.onmicrosoft.com	Office 365 E5, Power Apps per user plan ←



# What is an Environment?

- Environment is container for apps, flows and a CDS database
  - Each environment and its resources exist within a geographic region
  - Environment represents a governance and security boundary
  - Every tenant is provisioning with a default environment
  - Administrator can provision additional environments if needed
  - Environment can be provisioned with or without a CDS database
  - Environment can contain only one CDS database



# Power Apps Environments and the CDS

- Environments managed in Power Platform Admin Center
  - You can configure security and access
  - You can create new environments

Power Platform

Admin center (preview)

Environments

Analytics

Help + support

Data integration

Data gateways

+ New

↻ Refresh

Environments

Environment		Type	State	Region
My Dev Environment	⋮	Production	Ready	United States
Critical Path Training Labs (default)	⋮	Default	Ready	United States

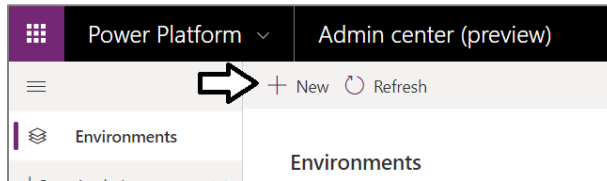


# Creating Environment with CDS Database

- Steps to create a new CDS for Apps Database

- Navigate to Power Platform Admin Center
- Create a new trial environment a CDS database

*As of January 2020, users with trial licenses can only create trial environments*



This screenshot shows the 'New environment' form. The 'Name' field is filled with 'My Dev Environment'. The 'Type' dropdown is set to 'Trial'. The 'Region' dropdown is set to 'United States - Default'. The 'Purpose' field is empty. The 'Create a database for this environment?' toggle is set to 'Yes'. Arrows point to the 'Name', 'Type', and 'Create a database for this environment?' fields. The 'Next' and 'Cancel' buttons are at the bottom right.

This screenshot shows the 'Add database' form. The 'Language' dropdown is set to 'English'. The 'Currency' dropdown is set to 'USD (US\$)'. The 'Enable Dynamics 365 apps' toggle is set to 'No'. The 'Deploy sample apps and data' toggle is set to 'No'. The 'Security group' section is visible at the bottom. The 'Save' and 'Cancel' buttons are at the bottom right.



# Examining the New Environment

- It takes a minute or so to create new environment

New environment My Dev Environment is getting prepared. It can be used once active.

Environments

Environment		Type	State	Region
My Dev Environment		Trial	PreparingInstance	United States
Critical Path Training Labs (default)	...	Default	Ready	United States

- You can use the environment once its status is **Ready**

New environment My Dev Environment has been successfully created.

### Environments

Environment		Type	State	Region
My Dev Environment	...	Trial (30 days)	Ready	United States
Critical Path Training Labs (default)	...	Default	Ready	United States




# Environment Settings


- Power Platform Admin Center provides configuration
  - Each environment has its own **Setting** page
  - Provides many environment configuration options

Environments > My Dev Environment > Settings


Search for a setting

✓  **Product**


Behavior, Features, Languages, Privacy + Security

✓  **Business**


Business closures, Calendar, Connection roles, Currencies

✓  **Users + permissions**


Business units, Hierarchy security, Mobile configuration, Positions

✓  **Audit and logs**


Audit log management, Audit settings, Audit summary view, Entity and field audit settings

✓  **Templates**


Access team templates, Article templates, Contract templates, Data import templates

✓  **Email**


Email settings, Email tracking, Mailboxes, Server profiles

✓  **Integration**


Enable server-based SharePoint integration, Document management settings, Manage document suggestions, Microsoft Social Engagement

✓  **Data management**

Add ready-to-use business processes, Announcements, Auto numbering, Automatic record creation policies

✓  **Encryption**

Data encryption

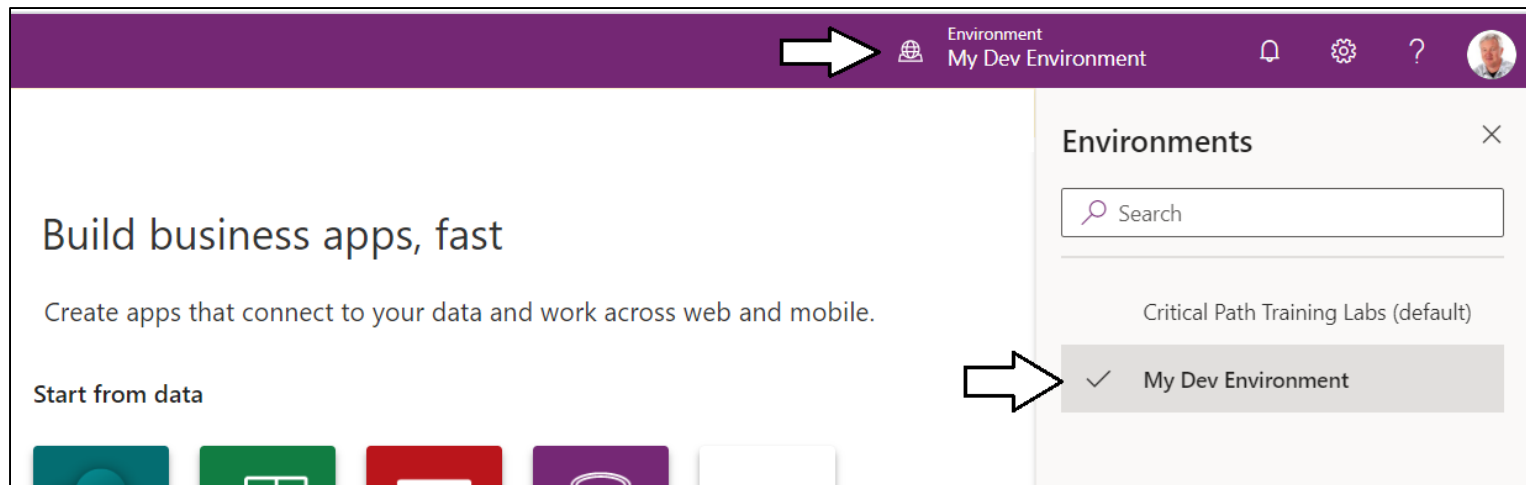
✓  **Resources**

All legacy settings, Dynamics 365 for Outlook



# Navigating Between Environments

- Power Apps Maker Portal provides Environment menu
  - It's located at top right of page in the Power Apps maker portal
  - Environment menu used to navigate between environments







**DEMO**

## **Creating a new Environment with a CDS Database**

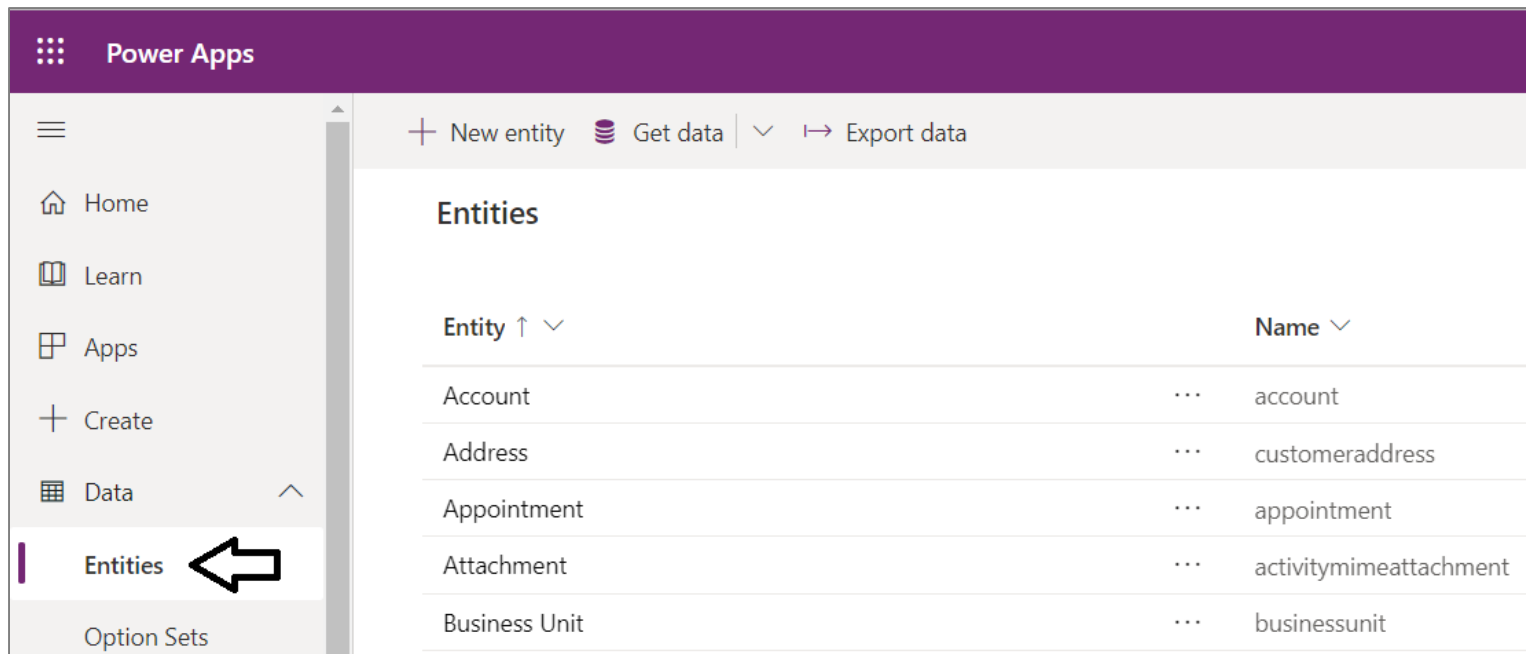
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# Inspecting the Standard Entities

- CDS created with set of standard entitles



The screenshot shows the Power Apps interface. The left sidebar contains the following items: Home, Learn, Apps, Create, Data, **Entities** (highlighted with a large black arrow), and Option Sets. The main area displays the 'Entities' section with a table of standard entities.

Entity ↑ ▾	Name ▾
Account	account
Address	customeraddress
Appointment	appointment
Attachment	activymimeattachment
Business Unit	businessunit



# Entity Fields and Relationships

- Entity contains fields which define data schema

Entities > Contact

Fields Relationships Business rules Views Forms Dashboards Charts Keys Data

Display name ↑ ▾		Name ▾	Data type ▾
Address 1	...	address1_composite	Multilin...
Address 1: Address Type	...	address1_addresstypecode	Option ...
Address 1: City	...	address1_city	Text
Address 1: Country/Region	...	address1_country	Text

- Entity defined with relationships to ensure data validation

Entities > Contact

Fields Relationships Business rules Views Forms Dashboards Charts Keys Data

Display name ↑ ▾		Relationship name ▾	Related... ▾	Relationshi... ▾	Type ▾
Company Name	...	contact_customer_contacts	Contact	Many-to-one	Managed
Company Name	...	contact_customer_accounts	Account	Many-to-one	Managed
Created By	...	lk_contactbase_createdby	User	Many-to-one	Standard





# Entity Views and Forms

- Entity contains views for displaying multiple records

Entities > Contact

FieldsRelationshipsBusiness rulesViewsFormsDashboardsChartsKeysData

Name ↑ ▾	View type ▾	Status
Active Contacts	⋮ Public View	Active
Active Contacts Subgrid View	⋮ Public View	Active
All Contacts	⋮ Public View	Active

- Entity contains forms for viewing/editing single record

Entities > Contact

FieldsRelationshipsBusiness rulesViewsFormsDashboardsChartsKeysData

Name ↑ ▾			Form type ▾	Type ▾
account contact card		⋮	QuickViewForm	Custom
Contact		⋮	Main	Standard
contact card		⋮	QuickViewForm	Custom
Contact Card form		⋮	Card	Custom
Contact Quick Create		⋮	QuickCreate	Standard

- Forms and Views provide UI for model-driven apps
  - There is no way to leverage forms and views from canvas apps





**DEMO**

# **Building a Canvas App to Read and Write Contacts**

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# Comparing Model-driven Apps to Canvas Apps

- What are the key benefits of model-driven apps?
  - You leverage entity views and forms - no need to build screens
  - Create apps with consistent UI navigation, elements & metaphors
  - Create responsive apps that can target tablets and mobile devices

CDS Entity View

✓ Full Name	↕ Email
Fred Sanford	Fred@SanfordSalvage.com
Tony Baretta	tonyb@taltales.com

CDS Entity Form

CONTACT Fred Sanford

Summary Details Related

CONTACT INFORMATION

First Name \* Fred

Middle Name ---

Last Name \* Sanford

Job Title ---

Account Name ---

Email Fred@SanfordSalvage.com

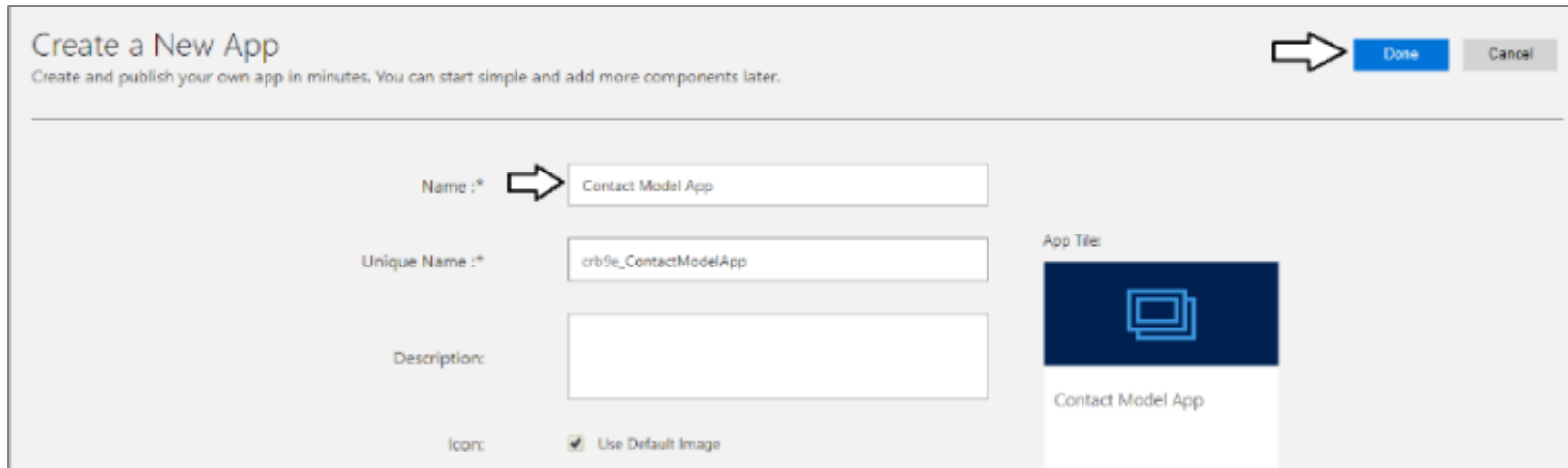
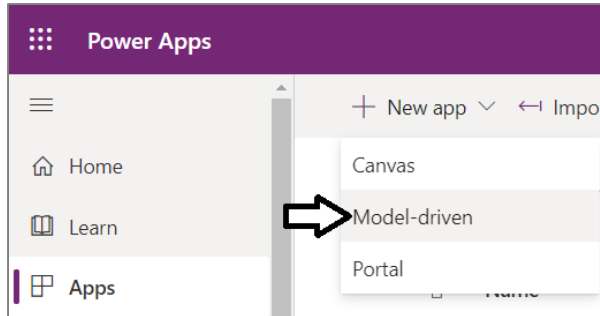


# Model-driven App Components

- Model-driven app
  - Top-level collection of components
  - Tracks fundamental app properties, client type, and app URL
- Site map
  - Provides navigation component across other UI components
- Entity views
  - Read-only view of records for a specific entity
  - Defines display columns, column width, sort behavior and filters
- Entity forms
  - Provides set of data-entry controls for fields in a specific entity



# Creating a Model-driven App



The image shows the 'Create a New App' form. The title is 'Create a New App' with a subtitle 'Create and publish your own app in minutes. You can start simple and add more components later.' There are 'Done' and 'Cancel' buttons in the top right corner. The form has the following fields:

- Name :\*** with a value of 'Contact Model App'. A white arrow points to this field.
- Unique Name :\*** with a value of 'crb9e\_ContactModelApp'.
- Description:** (empty text area).
- Icon:** with a checked box for 'Use Default Image'.
- App Tile:** showing a preview of the app with a blue icon and the title 'Contact Model App'.



# Creating the Sitemap Component

The screenshot shows the PowerApps Sitemap Designer interface for an application named "Contact Manger". The top navigation bar includes the PowerApps logo and the text "App Designer > Sitemap Designer". The main workspace is titled "My Contacts App" and contains a "Manage Contacts" section with a "Contacts" component. A toolbar above the workspace provides actions: Add, Cut, Copy, Paste, Clone, and Delete. On the right, the "Properties" pane is active, showing the "General" section with fields for "Type" (set to "Entity"), "Entity" (set to "Contact"), and "URL". The "Published" status is indicated in the top right corner.

PowerApps

App Designer > Sitemap Designer

Contact Manger

Published

Save Save And Close Publish

Add Cut Copy Paste Clone Delete

My Contacts App

Manage Contacts

Contacts

Components Properties

SUB AREA

General

Type

Entity

Entity \*

Contact

URL



# Publishing and Running the App

The screenshot displays the Microsoft PowerApps App Designer interface. At the top, the 'PowerApps' logo is on the left, and the application name 'Contact Manger' is in the center. To the right of the name, the status 'Last Saved on :11/30/2019 5:27 PM Published' is shown. Below the name, there are buttons for 'Save', 'Save And Close', 'Validate', 'Publish', and 'Play'. The main workspace is divided into three sections: 'Site Map' (containing a 'Site Map' component), 'Dashboards' (containing a 'Dashboards' component and an 'All' button), and 'Entity View (1)' (containing a 'Contact' component, a 'Forms' component with an 'All' button, a 'Views' component with an 'All' button, and a 'Charts' component with an 'All' button). On the right side, there is a 'Components' panel with two tabs: 'Components' and 'Properties'. Under the 'Components' tab, there are two sections: 'ARTIFACTS' and 'ENTITY ASSETS'. The 'ARTIFACTS' section contains three items: 'Entities' (Model and ma...), 'Dashboards' (Provide an insi...), and 'Business Proc...' (Define a seque...). The 'ENTITY ASSETS' section contains two items: 'Forms' (Define how us...) and 'Views' (Create a list vi...). The bottom right corner of the image features a small logo consisting of three overlapping squares in purple, yellow, and red.

# Testing a Model-driven App

The screenshot displays the Microsoft PowerApps 'Contact Manger' application. The interface features a purple header bar with the 'PowerApps' logo and a dropdown menu, and a search bar with icons for search, share, add, filter, settings, help, and user profile. A left-hand navigation pane includes a hamburger menu, 'Home', 'Recent', 'Pinned', and a 'Manage Contacts' section with a 'Contacts' link. The main content area is titled 'New Contact' and includes a 'Contact · Contact' breadcrumb. It shows the user 'Ted Pattison' as the 'Owner'. Below the title are tabs for 'Summary' (selected) and 'Details'. The 'Summary' tab contains a 'CONTACT INFORMATION' section with fields for 'First Name' (Bill), 'Last Name' (Gates), 'Job Title' (Philanthropists), 'Account Name' (with a 'Look for Records' button), and 'Email' (---). To the right of the form is a 'Timeline' section with a message: 'This record hasn't been created yet. To view this record, save it to your timeline.'

PowerApps Contact Manger

Save Save & Close New Flow

**New Contact**  
Contact · Contact

Ted Pattison  
Owner

Summary Details

CONTACT INFORMATION

First Name **Bill**

Last Name **Gates**

Job Title **Philanthropists**

Account Name

Email ---

**Timeline**

This record hasn't been created yet. To view this record, save it to your timeline.





The background of the slide is an abstract digital pattern. It features a dense grid of small, glowing blue and white dots and lines, creating a sense of depth and movement. The pattern is reminiscent of a circuit board or a data visualization. The overall color scheme is dominated by blue and white, with a dark background.

**DEMO**

# Creating Model-driven Apps



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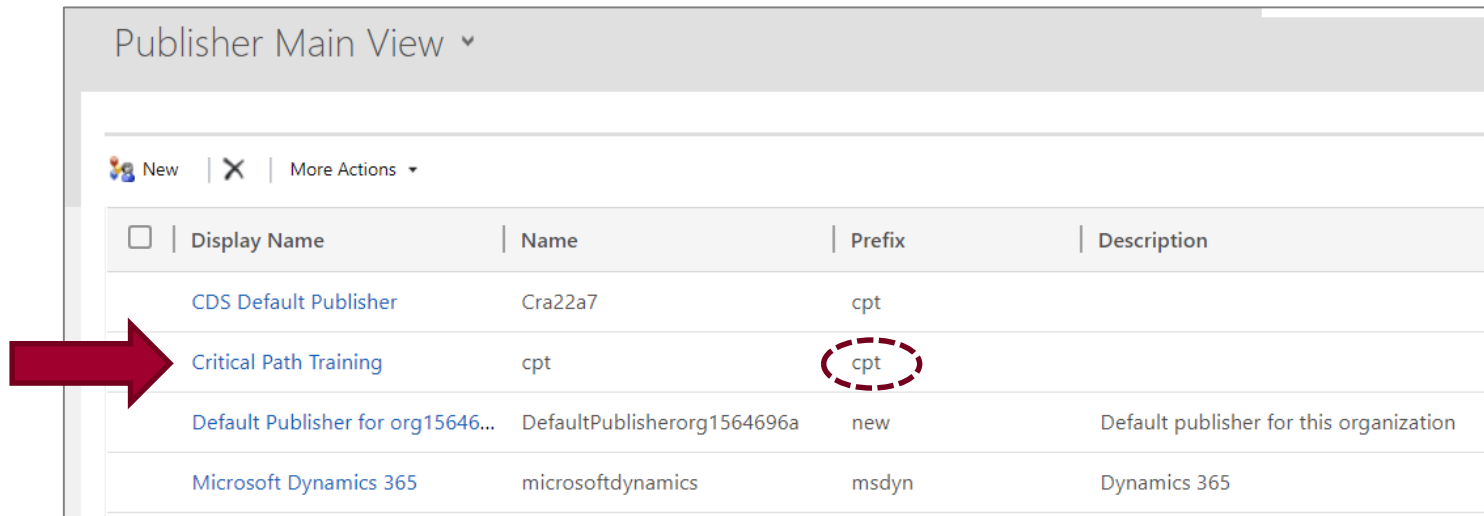
# Understanding CDS Solutions

- Solutions used to move applications between environments
  - Solutions used to package apps, flows and CDS customizations
  - Solutions not used to move business data itself
- Solutions can be exported/imported as managed or unmanaged
  - Unmanaged solutions is "open" solution which allows changes
  - Managed solutions can be locked down to disallow changes
  - During development, you work with an unmanaged solution
  - When exporting a solution, you choose between managed or unmanaged





# Publishers and Solutions

- CDS solutions used to distribute applications
  - Used to conduct robust application lifecycle management (ALM)
- Define a Profile for a CDS Publisher
  - Profile used to provide identity of developer of CDS solutions
  - You should create new publisher profile when developing solutions
  - Publisher profile contains prefix used in component names



Publisher Main View ▾

 New |  | More Actions ▾

<input type="checkbox"/>	Display Name	Name	Prefix	Description
	CDS Default Publisher	Cra22a7	cpt	
	Critical Path Training	cpt	cpt	
	Default Publisher for org15646...	DefaultPublisherorg1564696a	new	Default publisher for this organization
	Microsoft Dynamics 365	microsoftdynamics	msdyn	Dynamics 365



# Creating a New CDS Solution

**New solution** ✕

Display name \*

Name \*

Publisher \*  

Critical Path Training ▼

Edit publisher

Version \*

More options ▼

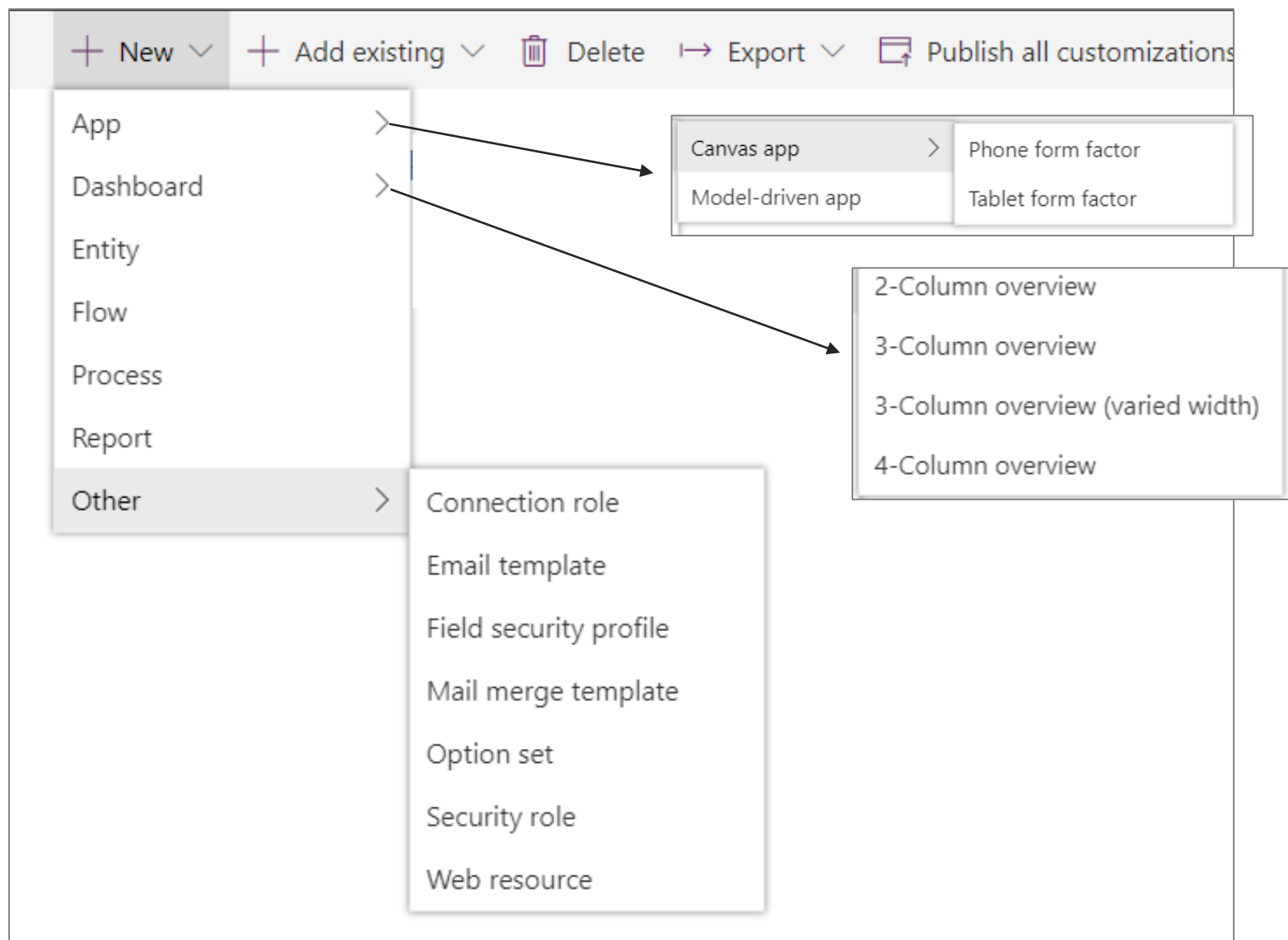
Create

Cancel

Solutions					
	Display name		Name	Created ↓	Version
➡	Product Management	...	ProductManagement	4/10/2020	1.0.0.0
	PowerApps Checker Base	...	msdyn_PowerAppsC...	4/4/2020	1.1.1.26
	PowerApps Checker Update	...	msdyn_PowerAppsC...	4/4/2020	1.1.1.26
	PowerApps Checker	...	msdyn_PowerAppsC...	4/4/2020	1.1.0.10



# Adding Solution Components







**DEMO**

# Creating a New CDS Solution

# Developing a Custom Entity

New entity

Display name \*

Product

Plural display name \*

Products

Name \* ⓘ

cpt\_

Product

Primary Field ⓘ

Display name \*

Name

Name \* ⓘ

cpt\_

Name

☒ Enable attachments (including notes and files)

More settings ▾

Create

Cancel



# Primary Field

- Every new custom entity created with a Primary Field
  - Primary field given a default name of **Name**
  - Similar to the Title site column in SharePoint list
  - Display name of primary field can be changed if appropriate

Solutions > Product Management > **Product**


Fields Relationships Business rules Views Forms Dashboards Charts Keys Data

Display name ↑ ▾


Name ▾

Data type ▾

Type ▾



Name Primary Field ... cpt\_name

 Text Custom



# Adding Fields

- Custom entity can be extended by adding fields

×

Product Code

Display name \*

Product Code

Name \*

cr9be\_ ProductCode i

Data type \*

Add Text ▼ i

☒ Required

☒ Searchable

Calculated or Rollup i + Add

Advanced options ▼

Done Cancel



# Adding Custom Fields

Solutions > Product Management > Product

Fields

Relationships

Business rules

Views

Forms

Dashboards

Charts

Keys

Data

Display name ↑ ▾

Name ▾

Data type ▾

Currency

...

transactioncurrencyid

 Lookup

Exchange Rate

...

exchangerate

 Decimal Number

List Price

...

cptlabs\_listprice

 Currency

List Price (Base)

...

cptlabs\_listprice\_base

 Currency

Product Category

...

cptlabs\_productcategory

 Option Set

Product Code

...

cptlabs\_productcode

 Text

Product Description

...

cptlabs\_productdescription

 Text Area

Product Image Primary Image

...

entityimage

 Image

Product Image URL

...

cptlabs\_productimageurl

 URL

Product Name Primary Field

...

cptlabs\_productname

 Text



# Core System Fields Added to All Entities

Solutions > Product Management > Product

Fields

Relationships

Business rules

Views

Forms

Dashboards

Charts

Keys

Data

Display name ↑ ↓		Name ↓	Data type ↓
Created By	...	createdby	Lookup
Created By (Delegate)	...	createdonbehalfby	Lookup
Created On	...	createdon	Date and Time
Import Sequence Number	...	importsequencenumber	Whole Number
Modified By	...	modifiedby	Lookup
Modified By (Delegate)	...	modifiedonbehalfby	Lookup
Modified On	...	modifiedon	Date and Time
Owner	...	ownerid	Owner
Owning Business Unit	...	owningbusinessunit	Lookup
Owning Team	...	owningteam	Lookup
Owning User	...	owninguser	Lookup
Product	...	cptlabs_productid	Unique Identifier
Record Created On	...	overriddencreatedon	Date Only
Status	...	statecode	Option Set
Status Reason	...	statuscode	Option Set
Time Zone Rule Version Number	...	timezoneruleversionnumber	Whole Number
UTC Conversion Time Zone Code	...	utcconversiontimezonecode	Whole Number
Version Number	...	versionnumber	Big Integer

unique GUID-based identifier





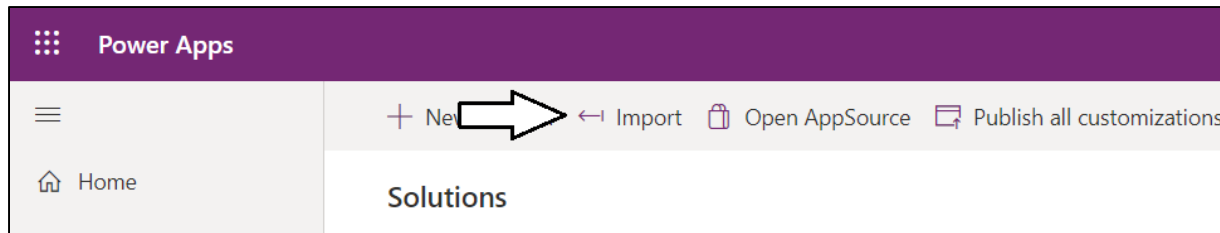


**DEMO**

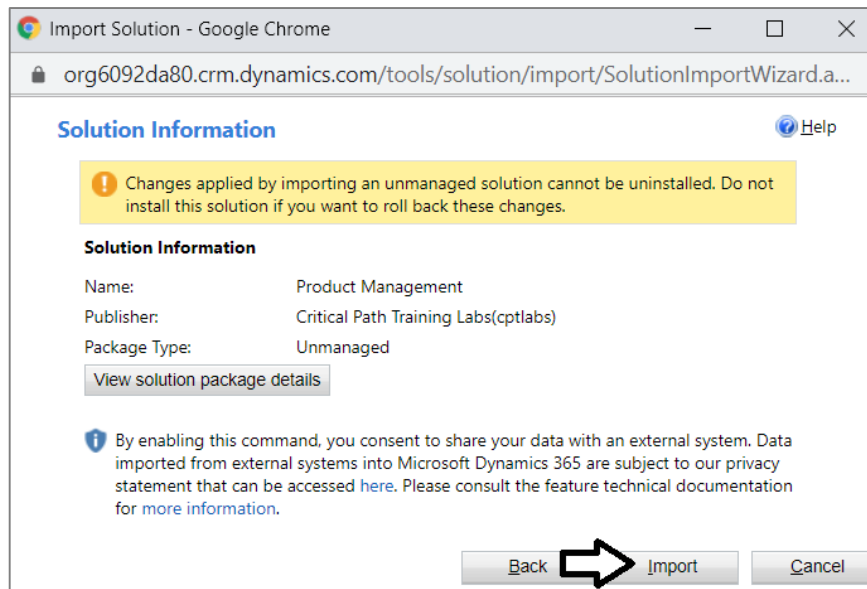
## **Creating a CDS Entity**

# Importing Solutions

- Click Import button in Solutions page



- Select solution package file and run import command







**DEMO**

# Importing a CDS Solution

# Agenda

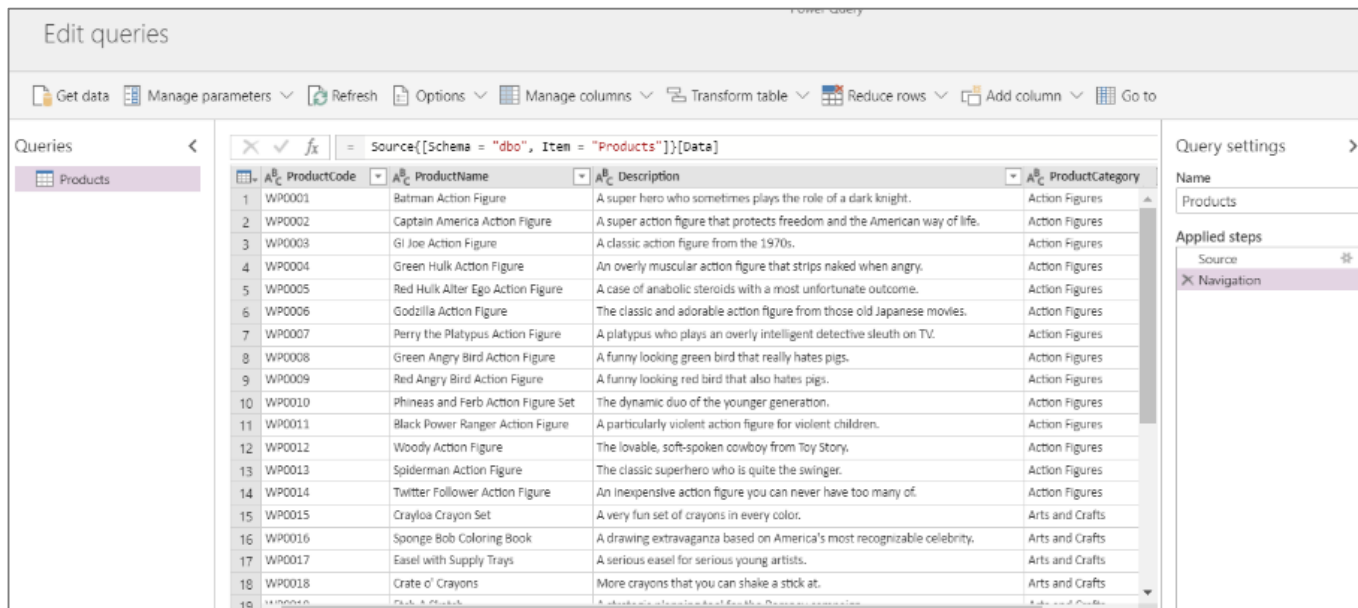
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# Importing Data using a Dataflow

- You create dataflows to import data from external sources
  - Data can be added to table for new or existing entity
  - Dataflow tooling include Power Query UI in the browser



Power Query

Edit queries

Get data Manage parameters Refresh Options Manage columns Transform table Reduce rows Add column Go to

Queries <

Products

Query settings >

Name: Products

Applied steps

- Source
- Navigation

	ProductCode	ProductName	Description	ProductCategory
1	WP0001	Batman Action Figure	A super hero who sometimes plays the role of a dark knight.	Action Figures
2	WP0002	Captain America Action Figure	A super action figure that protects freedom and the American way of life.	Action Figures
3	WP0003	GI Joe Action Figure	A classic action figure from the 1970s.	Action Figures
4	WP0004	Green Hulk Action Figure	An overly muscular action figure that strips naked when angry.	Action Figures
5	WP0005	Red Hulk Alter Ego Action Figure	A case of anabolic steroids with a most unfortunate outcome.	Action Figures
6	WP0006	Godzilla Action Figure	The classic and adorable action figure from those old Japanese movies.	Action Figures
7	WP0007	Perry the Platypus Action Figure	A platypus who plays an overly intelligent detective sleuth on TV.	Action Figures
8	WP0008	Green Angry Bird Action Figure	A funny looking green bird that really hates pigs.	Action Figures
9	WP0009	Red Angry Bird Action Figure	A funny looking red bird that also hates pigs.	Action Figures
10	WP0010	Phineas and Ferb Action Figure Set	The dynamic duo of the younger generation.	Action Figures
11	WP0011	Black Power Ranger Action Figure	A particularly violent action figure for violent children.	Action Figures
12	WP0012	Woody Action Figure	The lovable, soft-spoken cowboy from Toy Story.	Action Figures
13	WP0013	Spiderman Action Figure	The classic superhero who is quite the swinger.	Action Figures
14	WP0014	Twitter Follower Action Figure	An inexpensive action figure you can never have too many of.	Action Figures
15	WP0015	Crayloa Crayon Set	A very fun set of crayons in every color.	Arts and Crafts
16	WP0016	Sponge Bob Coloring Book	A drawing extravaganza based on America's most recognizable celebrity.	Arts and Crafts
17	WP0017	Easel with Supply Trays	A serious easel for serious young artists.	Arts and Crafts
18	WP0018	Crate o' Crayons	More crayons that you can shake a stick at.	Arts and Crafts
19	WP0019	Paint & Sticks	A creative collection of Earth's most common material.	Arts and Crafts



# Selecting an External Datasource

- Select a supported datasource connector

The screenshot shows the 'Choose Data Source' dialog box in Power Query. The main window is titled 'Connect to Data Source'. On the left, there is a list of data sources, with 'Azure SQL database' selected. The right side of the window displays the 'Connection settings' for the selected source. The settings include:

- Server:** cpt.database.windows.net
- Database:** WingtipSalesDB
- Connection credentials:**
  - On-premises data gateway:** (none) [Refresh icon]
  - Authentication Kind:** Basic [Dropdown arrow]
  - Username:** CptStudent
  - Password:** [Masked with dots]

At the bottom of the dialog, there are three buttons: 'Back', 'Cancel', and 'Next'.



# Power Query in the Browser

Edit Queries

Get Data

Refresh

Options

Manage Columns

Transform Table

Reduce Rows

Add Column

Add Conditional Column

Combine Tables

Products

Table.TransformColumnTypes(#"Replaced Value 2", {"ProductCategoryCode", Int64.Type}))

	ProductCode	Title	Description	ProductCategoryCode	ListPrice	ProductImage
1	WP0001	Batman Action Figure	A super hero who sometim...	0	14.95	Binary
2	WP0002	Captain America Action Fi...	A super action figure that ...	0	12.95	Binary
3	WP0003	GI Joe Action Figure	A classic action figure from...	0	14.95	Binary
4	WP0004	Green Hulk Action Figure	An overly muscular action ...	0	9.95	Binary
5	WP0005	Red Hulk Alter Ego Action ...	A case of anabolic steroids...	0	9.95	Binary
6	WP0006	Godzilla Action Figure	The classic and adorable a...	0	19.95	Binary
7	WP0007	Perry the Platypus Action F...	A platypus who plays an o...	0	21.95	Binary
8	WP0008	Green Angry Bird Action Fi...	A funny looking green bird...	0	4.95	Binary
9	WP0009	Red Angry Bird Action Figu...	A funny looking red bird t...	0	14.95	Binary
10	WP0010	Phineas and Ferb Action Fi...	The dynamic duo of the yo...	0	19.95	Binary
11	WP0011	Black Power Ranger Action...	A particularly violent actio...	0	7.5	Binary
12	WP0012	Woody Action Figure	The lovable, soft-spoken c...	0	9.95	Binary
13	WP0013	Spiderman Action Figure	The classic superhero who ...	0	12.95	Binary
14	WP0014	Twitter Follower Action Fig...	An inexpensive action figur...	0	1	Binary
15	WP0015	Crayloa Crayon Set	A very fun set of crayons i...	1	2.49	Binary
16	WP0016	Sponge Bob Coloring Book	A drawing extravaganza ba...	1	2.95	Binary
17						

Name

Products

Applied Steps

Source

Navigation

Removed Columns

Split Column By D...

Removed Columns 1

Renamed Columns

Removed Columns 2

Replaced Value

Replaced Value 1

Replaced Value 2

Changed Column Type

Next



# Loading Imported Data into Existing Entity

Map entities

**Queries**

Products

**Load settings**

☒ Load to existing entity  
☐ Load to new entity  
☐ Do not load

Destination entity  
cptlabs\_Product

Entity display name  
Product

Entity description

**Field mapping**

Key fields  
(none)

Source column	Destination field
ListPrice	cptlabs_ListPrice
(none)	cptlabs_listprice_Base
ProductCategory	cptlabs_ProductCategory
ProductCode	cptlabs_ProductCode
Description	cptlabs_ProductDescription







**DEMO**

## **Importing Data into a CDS Entity**

# Summary

- ✓ Common Data Service Overview
- ✓ Creating the CDS Database
- ✓ Understanding Entities
- ✓ Building Model-driven Apps
- ✓ Developing with Solutions and Custom Entities
- ✓ Importing Data into the CDS Database

