

Using Your Onprem Data in a Cloud World

Daniel Glenn M365 Chicago

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Agenda

Cloud Benefits

- Power BI
- Power Apps
- Power Automate

Using Our Data in the Cloud

- Data gateway
- Connect to on-prem: SQL & SharePoint Server

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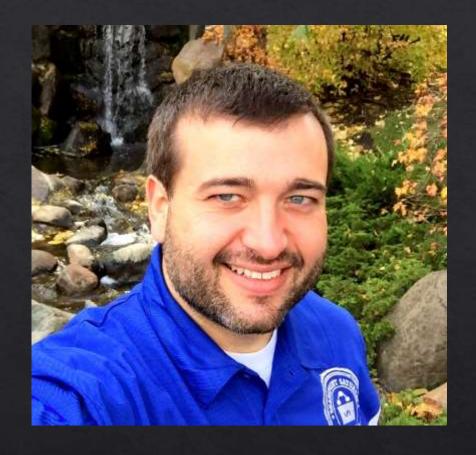
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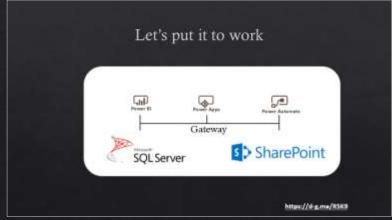








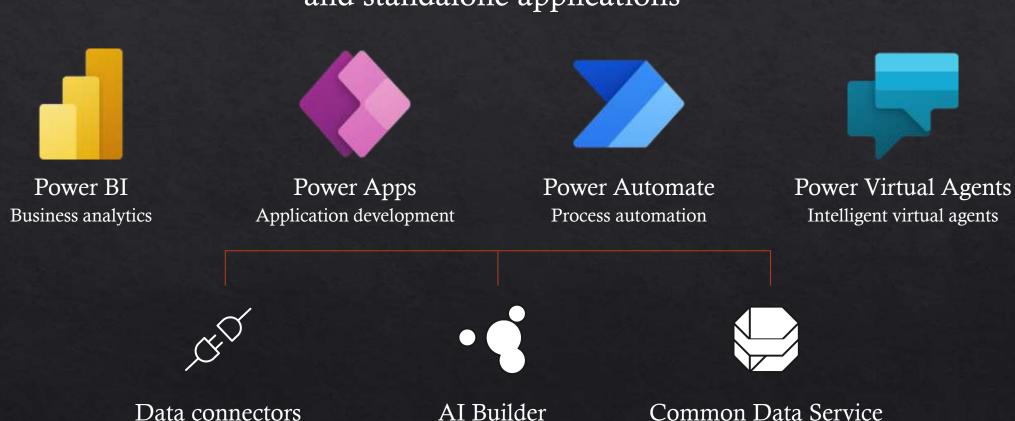






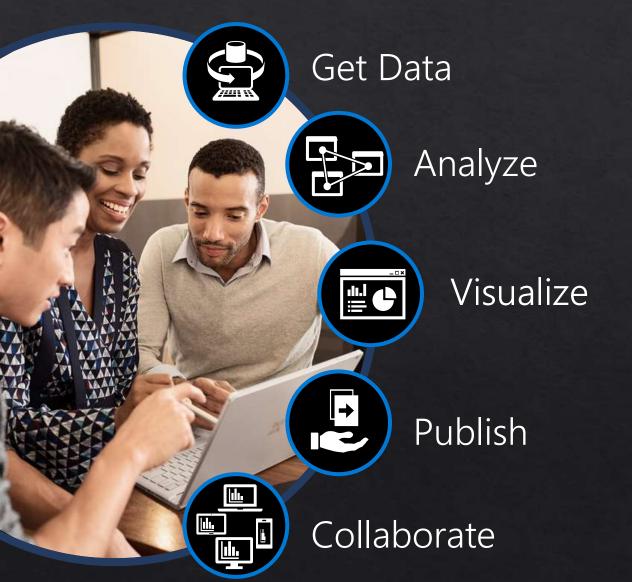
Microsoft Power Platform

The low-code platform that spans Office 365, Azure, Dynamics 365, and standalone applications





Microsoft Power BI





Power BI enables everyone at every level of your organization make confident decisions using up-to-theminute analytics.

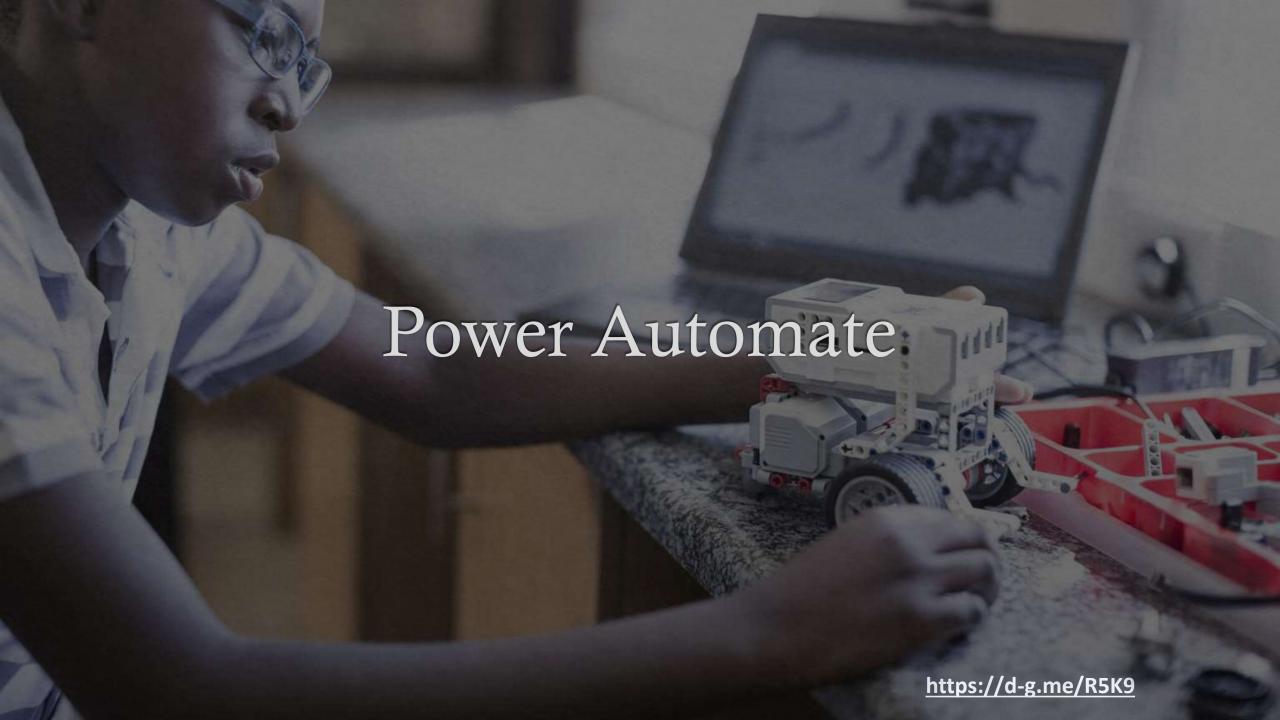
Gain insights from your data regardless of where it lives with Power BI

Connect to all your data and get a consolidated view across your business through a single pane of glass

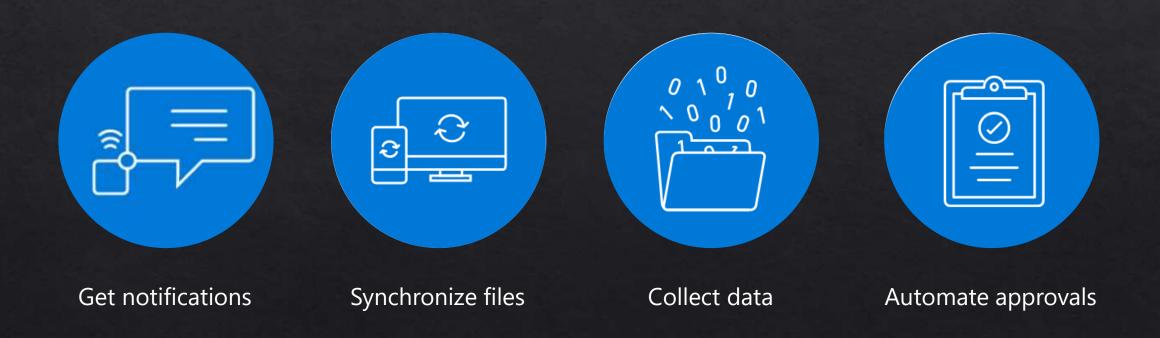
Create ad-hoc analysis, live dashboards and interactive reports that are easy to consume on the web and across mobile devices

Build smart apps by infusing insights from your data and drive action with the power of the Power Platform





Power Automate helps you **work smarter** by automating workflow across your apps and services









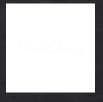


































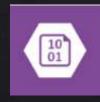








Integrate the systems you're already using... even custom APIs.

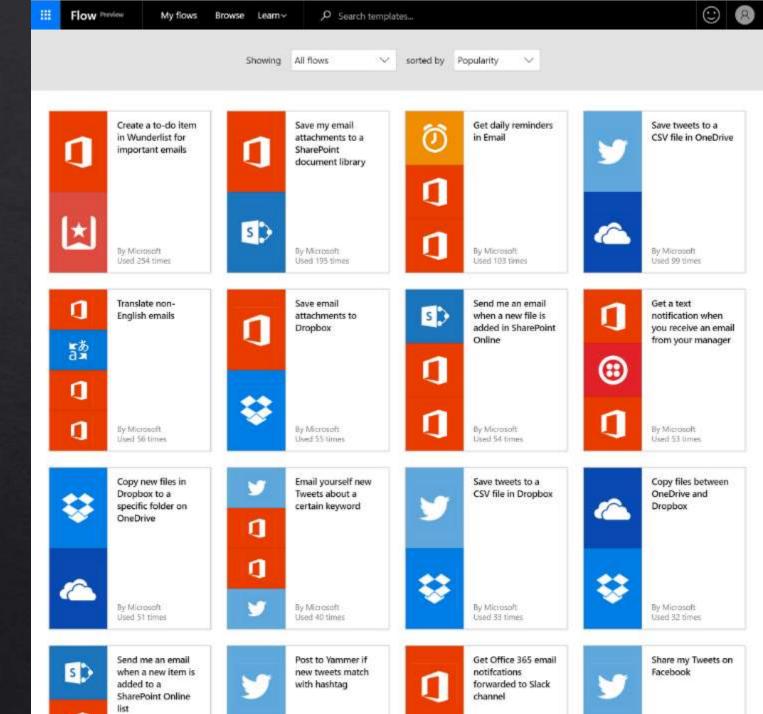








Get started quickly with hundreds of useful templates



Build your own flows in an easy to use visual designer

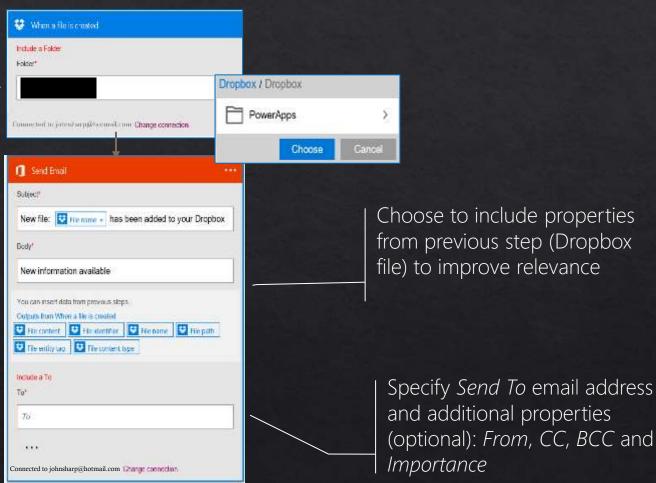
Sending an Exchange email when a new file is added in Dropbox

Authenticate to your Dropbox account.

Select folder to monitor

Authenticate to your O365 account.

Build email Subject and Body





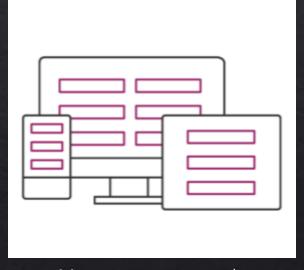
Microsoft Power Apps is a service for creating and using custom business apps across platforms



Connect to data & systems you're already using; create the data you need

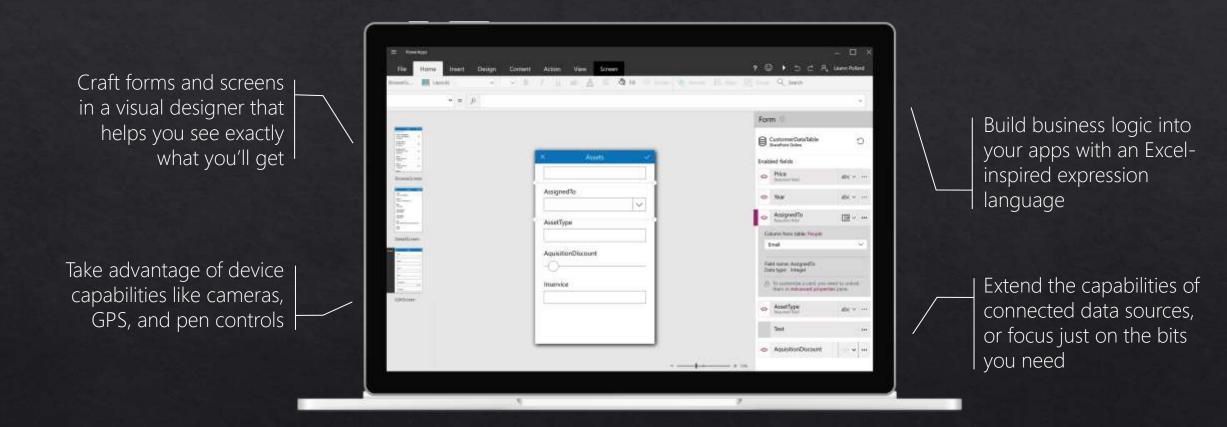


<u>Create</u> apps, forms, and workflows without writing code



<u>Use</u> apps on web and mobile

Build useful apps without writing code



https://powerapps.microsoft.com/en-us/tutorials/formula-reference/























































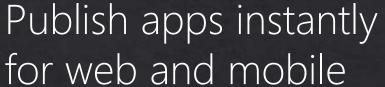


Connect to the systems you're already using

Quickly generate and customize apps based on Excel files, SQL, SharePoint Online lists, Salesforce records and more. You can even connect using custom APIs.

Even connecting to data in your on-premises systems through a common Data Gateway.

Your apps will be able to fully interact with underlying sources and will respect the permissions you've already established in them.



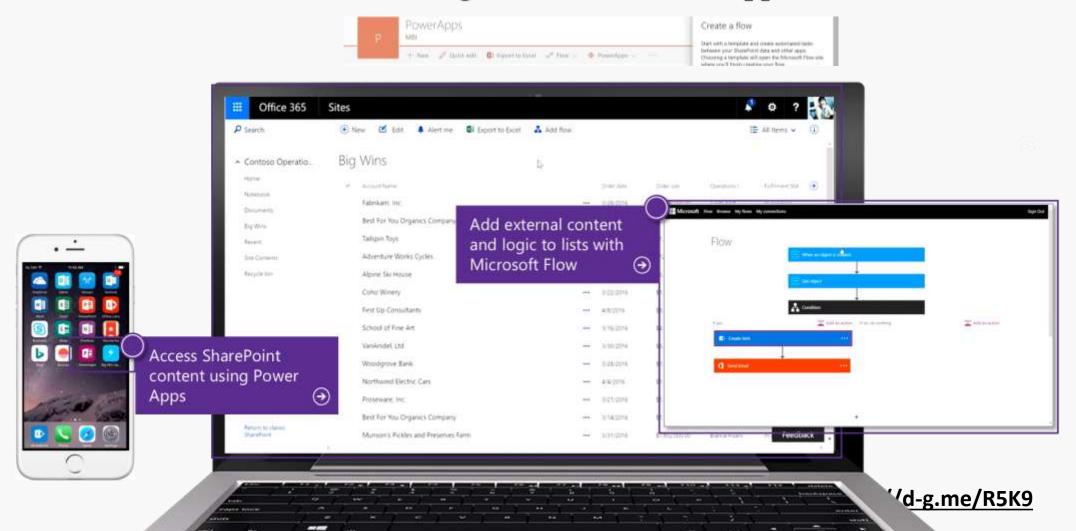
Get apps to your team when and where they're needed, whether that's on the web, Windows, iOS or Android—no app store required.





Microsoft 365 automation

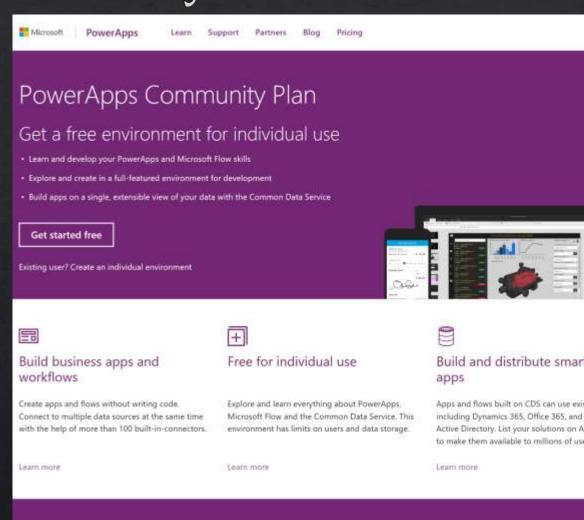
SharePoint Modern List integration with Power Apps and Power Automate



Power Apps Community Plan

- ♦ Learn to build business apps and workflows with the full functionality of Power Apps, Power Automate, and the Common Data Service.
- ♦ Connect to any data source using either the available 100+ out of the box connectors or by creating your own custom APIs.

powerapps.microsoft.com/CommunityPlan



What's included?

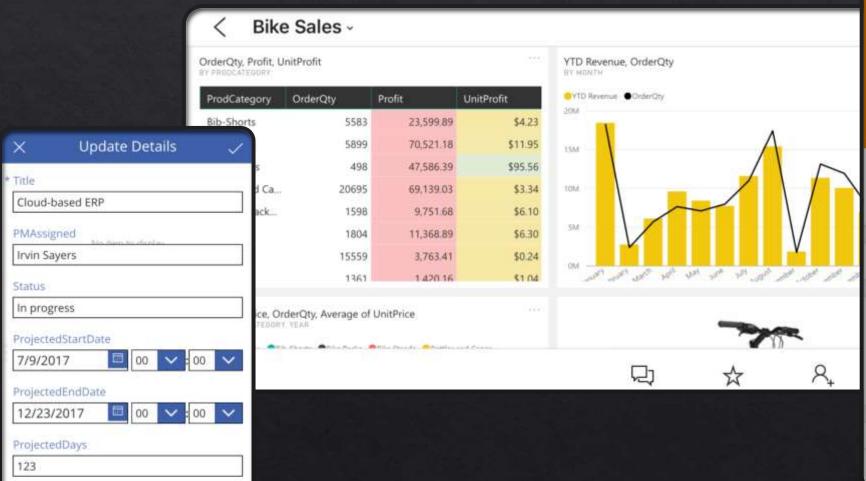
You get a free environment for individual use with functionality including premium connectors, the Common Data Service (CDS), and custom connections to develop your skills on creating business apps and workflows.

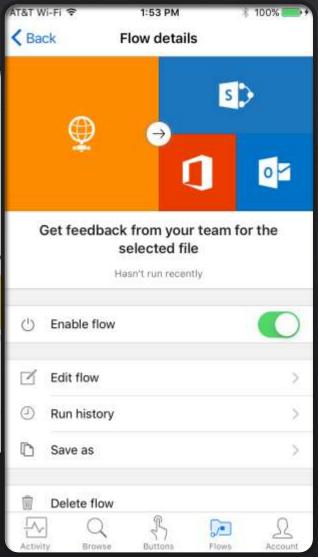
PowerApps: Create and run unlimited apps with CDS and premium connectors



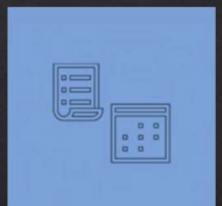
Mobile apps

ActualDays



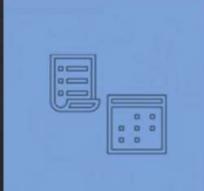


And Another Thing...



InfoPath/ SharePoint Designer

No new versions, supported through 2026*



Access Web
Apps

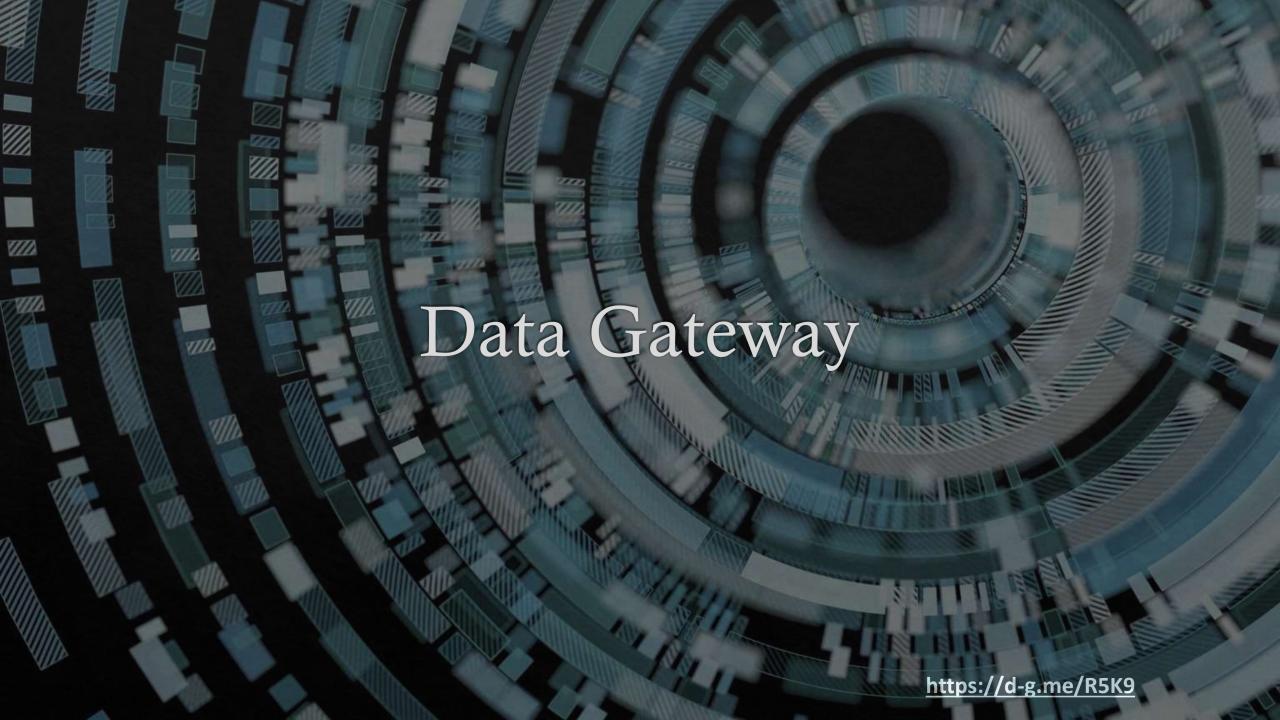
Shutdown in SPO April 2018





Power Apps
/Automate

Successors to
InfoPath, Access
Web Apps, and
SharePoint
Designer
workflows



What is the Data Gateway



One gateway for all your cloud services



Secured access to data



Import data and set up scheduled refresh

On-premises data gateway

One gateway for multiple cloud services and experiences



Azure Analysis Services

Azure Logic Apps

Power BI

Power Apps

Power Automate



Gateway Cloud Service

- Encrypts and stores data source credentials and on-premises data gateway details
- Routes queries and results between cloud services, on-premises data gateway, and data source



Azure Service Bus



On-premises data gateway

- Decrypts data source credentials and connects to data source
- Sends queries to data source and returns the results to gateway cloud service

On-premises data sources



SQL Server



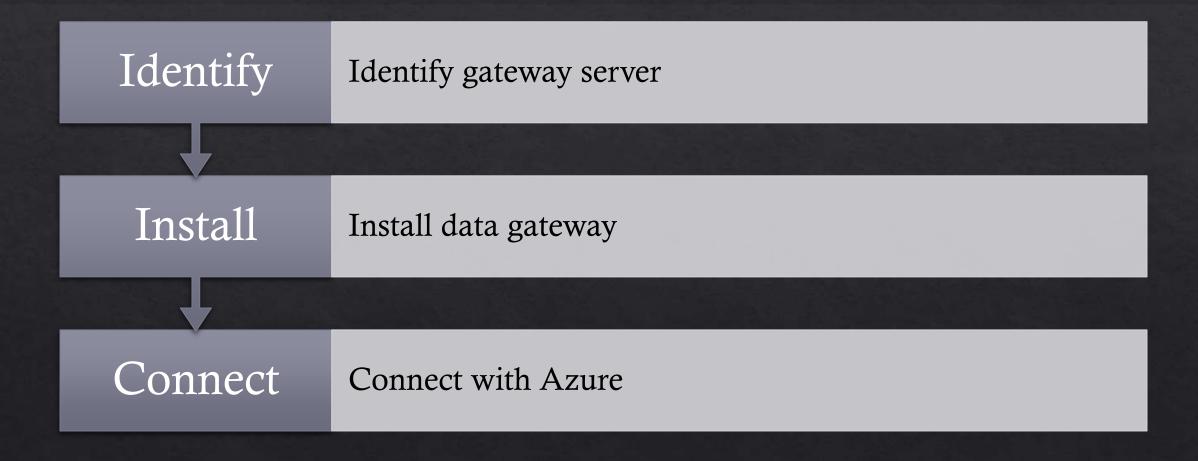


Other data sources

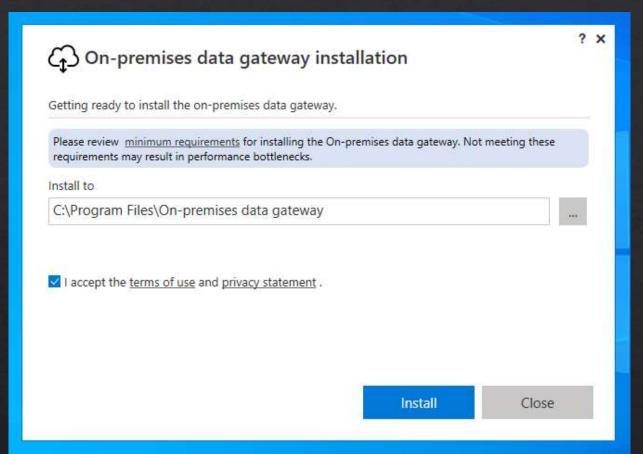


Files, SharePoint

Gateway Configuration Steps

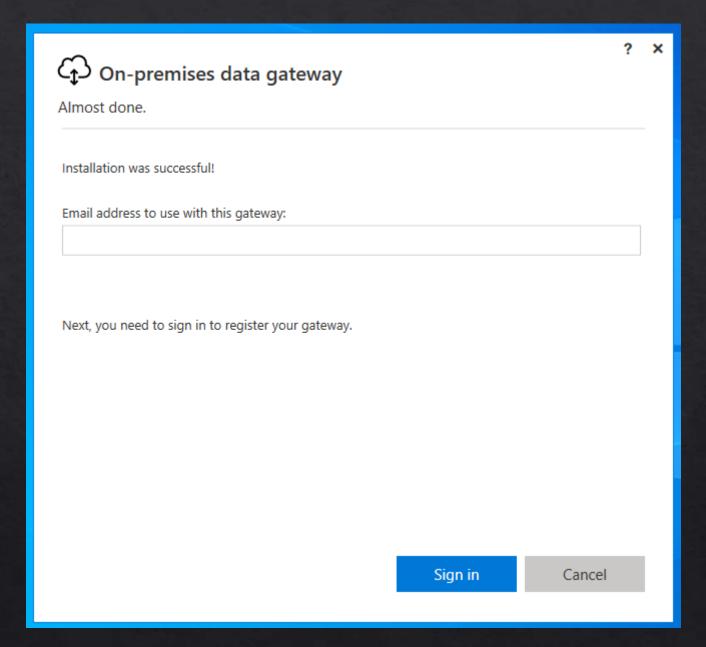


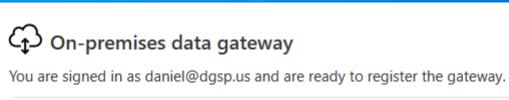
Install Demo



On-premises data gateway installation	
nstalling your on-premises data gateway.	
Please wait	

Cancel



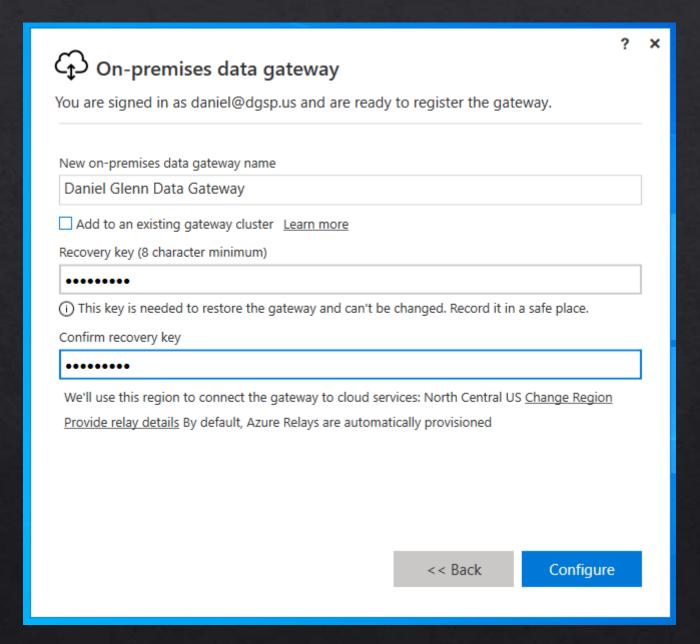


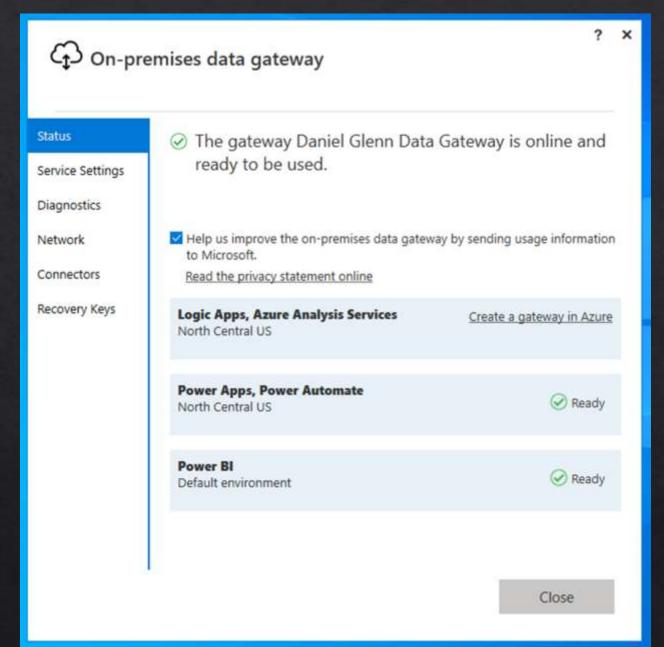
- Register a new gateway on this computer.
- Migrate, restore, or takeover an existing gateway.
 - · Move a gateway to a new computer
 - · Recover a damaged gateway
 - · Take ownership of a gateway

The old gateway will be disconnected.

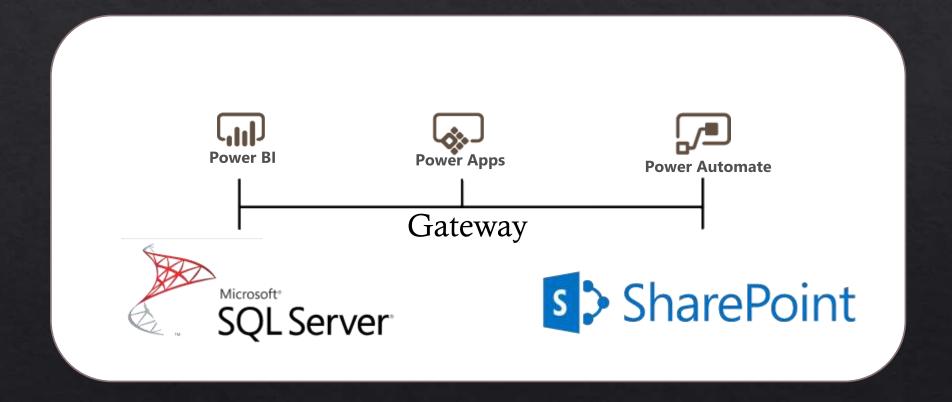
Next

Cancel





Let's put it to work





Questions?

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