Using Power BI in your solution

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Objectives

1	**Overview of Power BI and how to get started quickly using default reports, content packs and your own data**
2	**How to display Power BI within Dynamics 365 Business Central and Business Central (on premises)**
3	**Deeper understanding of what is possible with Power BI**
4	**Where to go for additional learning after the session to become a Power BI hero**

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Sample code included in this presentation is made available AS IS.

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Overview of Power BI and how to get started quickly using our content packs and your own data

What is PowerBI?

Cloud-based business analytics service that enables:

360° view of your business

Fast and easy access to your data

Data discovery and exploration

Insights from any device

Collaboration across your organization

Anyone can visualize and analyze data

Stay up-to-date on information that matters to you!

Dataset

Reports

Dashboards

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How Do I Sign Up?

https://powerbi.microsoft.com

Select the 'Sign up' option

Enter your work email address

Complete the sign up process

That's It!

Power BI Pricing

Author

Power BI Desktop

Free

[DOWNLOAD FREE ›]

Connect to hundreds of data sources

Clean and prepare data using visual tools

Analyze and build stunning reports with custom visualizations

Publish to the Power BI service

Embed in public websites

LEARN MORE ›

Share and collaborate

Power BI Pro

$9.99

per user
per month

[TRY FREE ›]

Build dashboards that deliver a 360-degree, real-time view of the business

Keep data up-to-date automatically, including on-premises sources

Collaborate on shared data

Audit and govern how data is accessed and used

Package content and distribute to users with apps

LEARN MORE ›

Scale large deployments

Power BI Premium

Capacity pricing

per node
per month

[PLAN YOUR COSTS ›]

Gain dedicated capacity you allocate, scale, and control

Distribute and embed content without purchasing per-user licenses

Publish reports on-premises with Power BI Report Server

Unlock more capacity and higher limits for your Pro users

Licensing information for Power BI Report Server and for embedding analytics with Power BI Premium.

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Dynamics 365 Business Central Power BI Content Packs

Role Center Content Packs

Microsoft Dynamics 365 Business Central – Sales

Microsoft Dynamics 365 Business Central – CRM

Microsoft Dynamics 365 Business Central – Finance

Microsoft Dynamics 365 Business Central – Jobs

Microsoft Dynamics NAV – Financials Report

Microsoft Dynamics NAV – CRM Report

Microsoft Dynamics NAV – Sales Report

Summarized data

List Page Content Packs

Microsoft Dynamics 365 Business Central – Jobs List

Microsoft Dynamics 365 Business Central – Customers List

Microsoft Dynamics 365 Business Central – Items List

Microsoft Dynamics 365 Business Central – Purchase Invoices List

Microsoft Dynamics 365 Business Central – Sales Orders List

Microsoft Dynamics 365 Business Central – Vendors List

Contextual data

How to connect to a Power BI content pack

Power BI – Basic Authentication
1. Find the Dynamics 365 Business Central or Dynamics NAV content pack you want to connect to from the Power BI Services library
2. Select 'Get it Now'
3. Enter the connection URL. This would be any of the URLs listed in the 'Web Services' Page.

Example:
https://mod853593.financials.dynamics.com:7048/MS/ODataV4/Company('CRONUS%20US')

4. Choose Basic Auth for authorization type
5. Enter User Name
6. Enter Password or Web Access Key
7. Select 'Next'

Note: Basic authentication type will require an open port and self signed certificates to connect if using Dynamics NAV or Business Central on premises.

Power BI – Azure Active Directory
1. Find the Dynamics 365 for Finance and Operations content pack you want to connect to from the Power BI Services library
2. Select 'Get it Now'
3. Select 'Create' connection
4. Enter your Azure (Office 365) credentials

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How to display Power BI within your Dynamics 365 Business Central solution

Power BI in your Dynamics solution

Embedding Power BI

Report selection is personalized by user & role	Provide 'All Up' OR 'Contextual' Power BI reports to manage your business	Interactive with the ability to expand to additional details and report pages	Display any Power BI report in your Dynamics solution

Connections & Security

Connect to FREE or PRO versions of Power BI	Report security is managed through the Power BI services	Security to data is managed through existing web service security	Available for Dynamics 365 Business Central (SaaS or on premises)

How to embed Power BI in your solution

Dynamics Business Central (on premises) or Dynamics NAV
Register your Dynamics 365 Business Central solution with Azure using the 'Auto-Register' option on role center.

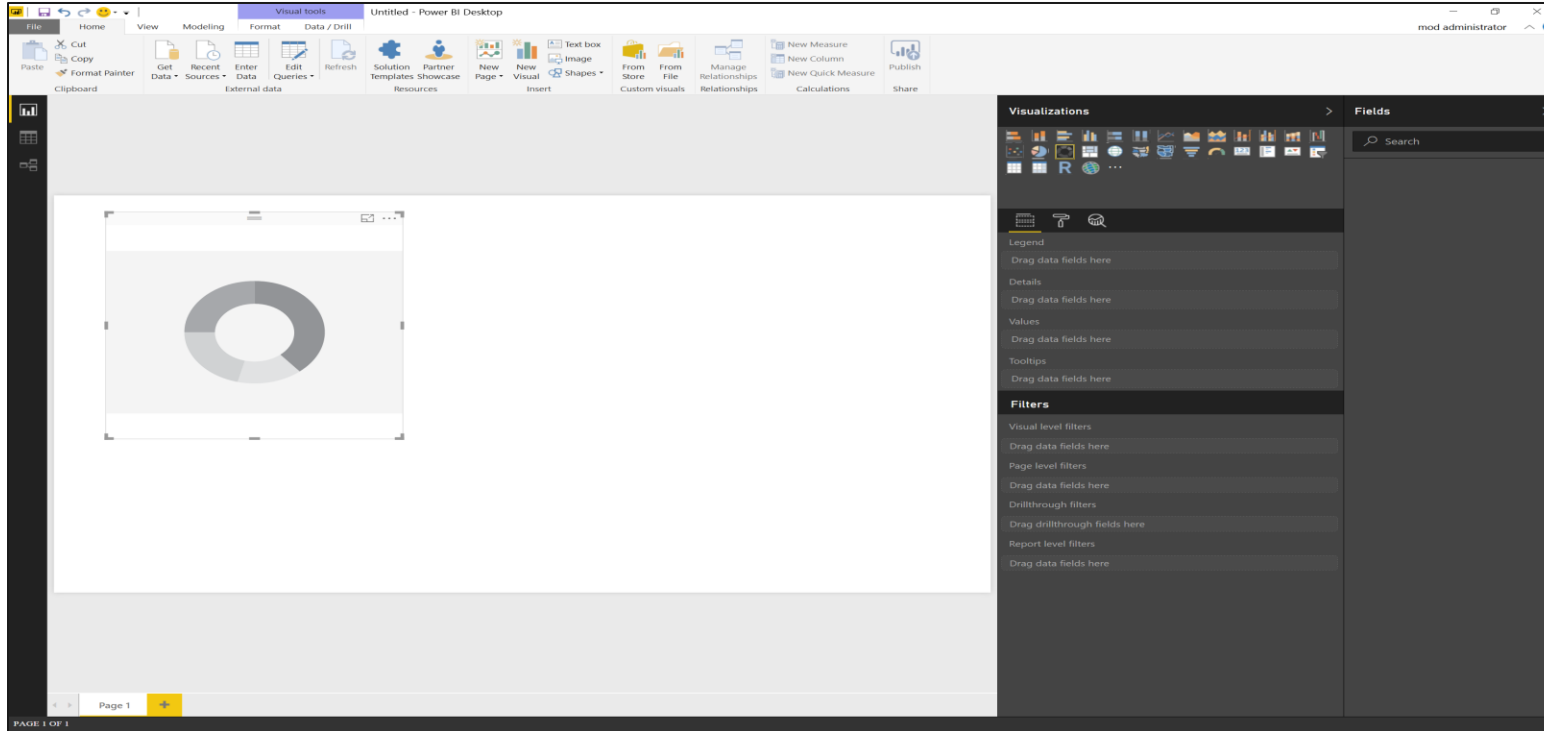**Dynamics 365 Business Central**
IT JUST WORKS!

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Deeper understanding of what is possible with Power BI

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Structure behind the building of a report

Power BI
Desktop
Application

Used to create data sets and reports from those data sets. Also used to publish your finished report to Power BI service.

Services

Service that connects Power BI to your data source. Can have 1:Many services in a single data set.

Data

Your Data

Data Source to use for your Power BI data set. Can have 1:Many sources in a single data set.

Demo

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Related Sessions

Join us for these informative topics

Topic	Date	Time	Location
Using Power BI in your solution – Hands on Lab	**10/31/2018**	**11:00-13:00**	**Pacific 1**

Topic	Date	Time	Location

Topic	Date	Time	Location

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