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Power BI Dashboards | Beginner

Your Guides:
Robert Newell & Lulu Wang

Part I: Introduction



Course Outline



Overview

- What is Power BI
- Power BI Components
- Data Flow



Creating a Report

- Power BI Desktop Navigation
- Creating a Simple Report Using Power BI Application
- Examples of Using Custom Visuals



Data Transformation - Advanced

- Creating your own M script for your next advanced report
- M Script Examples



Connecting to Data Sources

- Power BI Service Navigation
- Options to Connect to Sources
- Creating a Data Connection



Data Import Options

- Connecting to ODATA and Oracle Server and Extracting Data
- DirectQuery vs. Import



Paginated Reporting

- Presentation Level Reports
- Integration Use Case **regoXchange**



Reports and Dashboards

- Dashboard Components
- Options to Share Reports and Dashboards



Data Transformation

- Data Transformation Components
- Data Modeling

Overview

- What is Power BI
- Power BI Components
- Data Flow

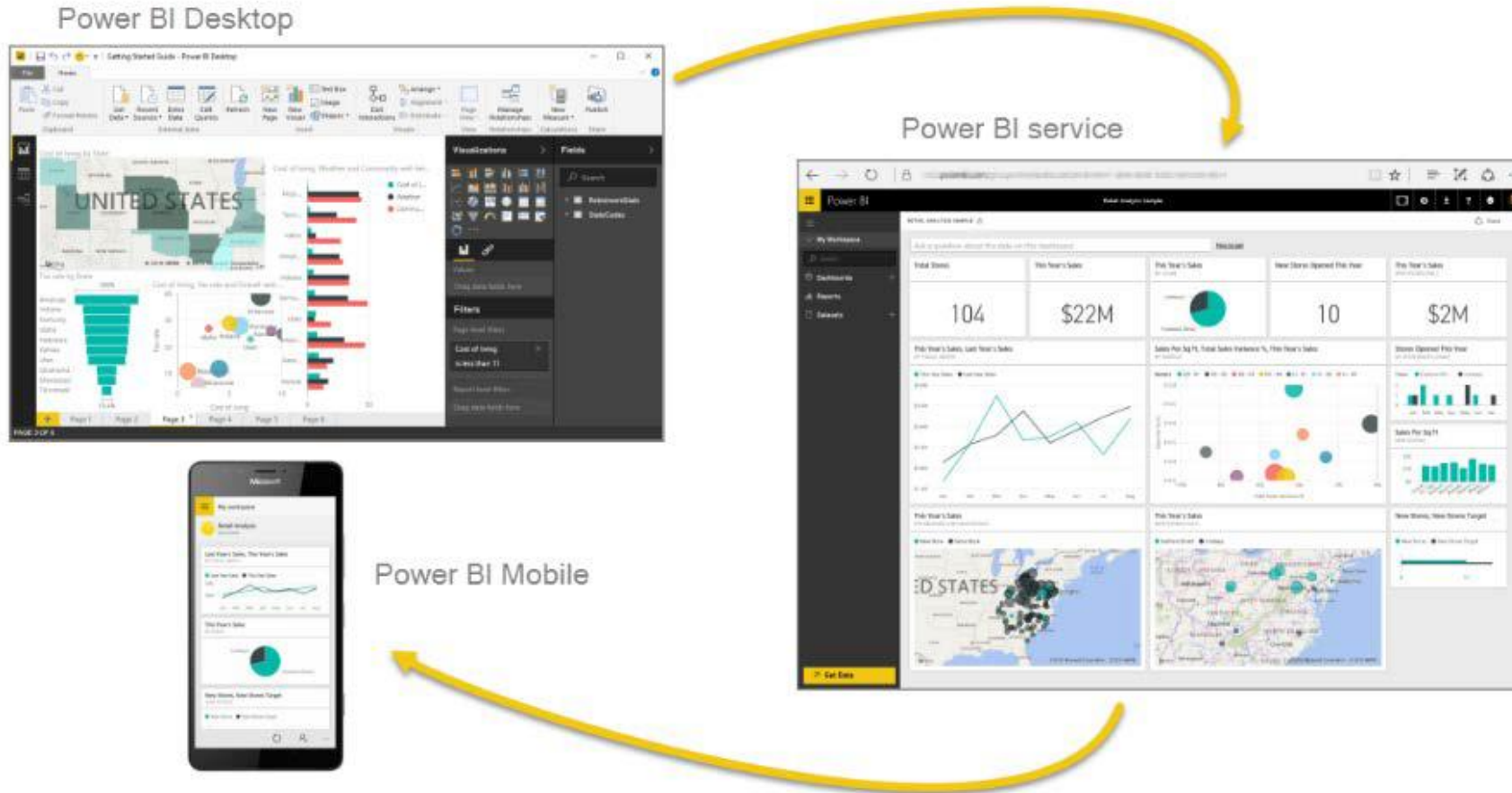
Overview

Power BI is a dashboard tool from Microsoft that lets you connect to variety of data sources and create visually stunning and interactive dashboards.

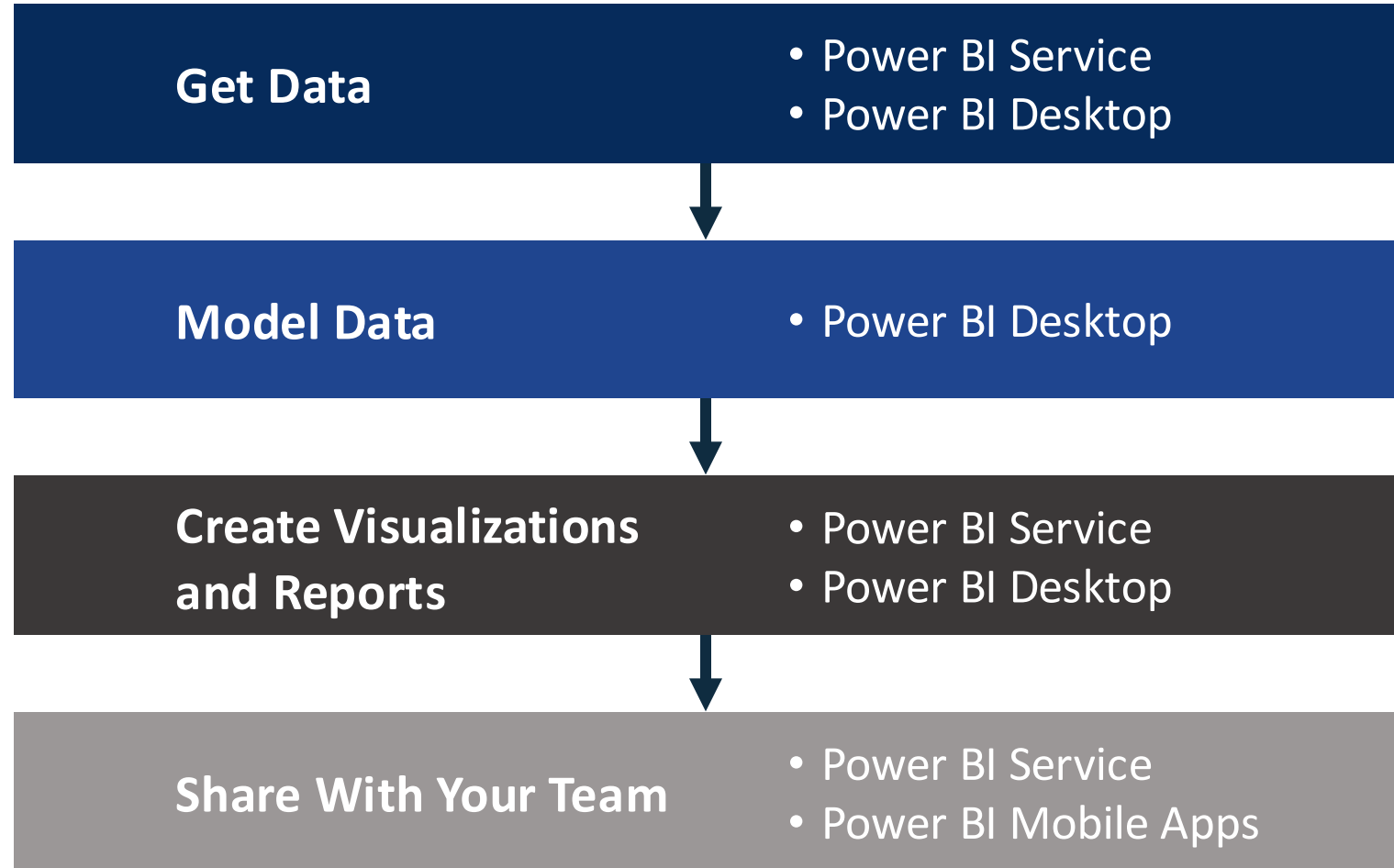


Overview

Power BI has 3 main components:



Development Approach



Power BI Service

- Power BI Service Navigation
- Options to Connect to Sources
- Creating a Data Connection



Power BI Service Navigation

Power BI My workspace

Search

10

Home

Create

Browse

OneLake data hub

Apps

Metrics

Monitor

Learn

Real-Time hub

Workspaces

My workspace

Build your first report

- Add and prepare your data
- Generate a premade report
- Customize to suit your needs

Add data to start building a report

- Excel (Preview)
- CSV (Preview)
- Paste or manually enter data
- Pick a published semantic model

Don't see the source you're looking for? [Download the desktop app.](#)

Other items you can create with Microsoft Fabric

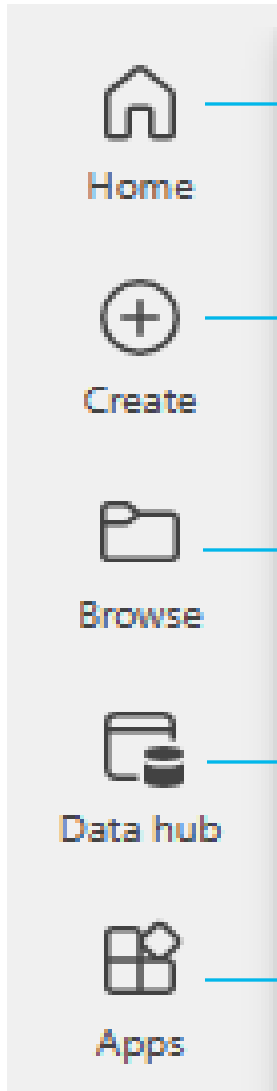
Current workspace: My workspace

Items will be saved to this workspace.

- Lakehouse**
Store big data for cleaning, querying, reporting, and sharing.
- Warehouse**
Provide strategic insights from multiple sources into your entire business.
- Notebook**
Explore data and build machine learning solutions with Apache Spark applications.

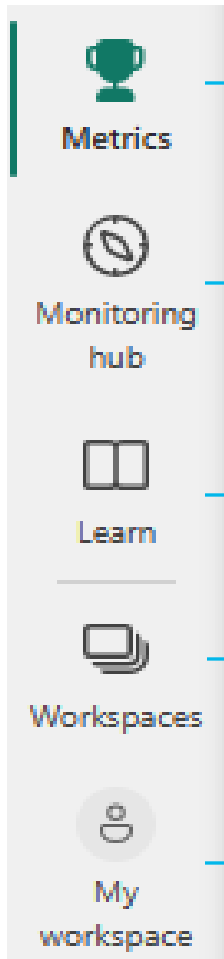
[See all](#)

Menu Links



- **Home:** Default landing page when you log in to the Power BI service. It's a great starting point for viewing and navigating your content.
- **Create:** This is where you can start creating new content. You can create reports, dashboards, and more. The options available depend on your license.
- **Browse:** This is a new navigation tab that provides sub-navigation for lists that were previously available individually. On this page, you can access the Recent, Favorites, and Shared with me lists.
- **Data Hub:** This hub helps you find, explore, and use data items in your organization, such as datasets, datamarts, and their related reports.
- **Apps:** This is where all apps that have been shared with and apps that you've installed are stored. You can go directly to your apps by selecting Apps on the navigation pane.

Menu Links



- **Metrics:** Provides a way to curate and track key business objectives, promoting accountability, alignment, and visibility within organizations.
- **Monitoring Hub:** This hub enables users to monitor various Microsoft Fabric activities, such as dataset refresh and Spark Job runs, and many others, from a central location.
- **Learn:** This is where you can find learning resources and tutorials about Power BI.
- **Workspaces:** This is where you can collaborate on Power BI content with your colleagues. Then you can publish the finished app to large groups of people in your organization.
- **My Workspace:** This is your private sandbox for learning and experimenting. Only you can see your workspace.

Metrics

The metrics section of Power BI service can be a powerful tool for project and portfolio management reporting when used with data provided by Clarity. Here are some potential use cases:



Track Key Business Objectives: Metrics in Power BI allow customers to curate their metrics and track them against key business objectives. This can be particularly useful in project and portfolio management where you might want to track objectives such as project completion rates, resource utilization, or budget adherence.



Promote Accountability and Visibility: The features enhance data culture by promoting accountability, alignment, and visibility for teams and initiatives within organizations. For instance, you can create scorecards for different projects or teams and monitor their progress in real time.



Hierarchical Views: Power BI supports cascading scorecards that roll up along hierarchies set up in your scorecard. This can be useful for viewing data at different levels of your organization or project structure. For example, you might have a hierarchy based on project stages or OBS units.

Example Metrics

Resource Utilization Scorecard

Search

File Share Chat in Teams Subscribe to scorecard Create a flow Edit

Untitled Scorecard

Filter by keyword List view + New

Metrics 3 Overdue 0 Behind 0 At risk 0 On track 1 Not started 0 Completed 0

Fail 2 Collapse

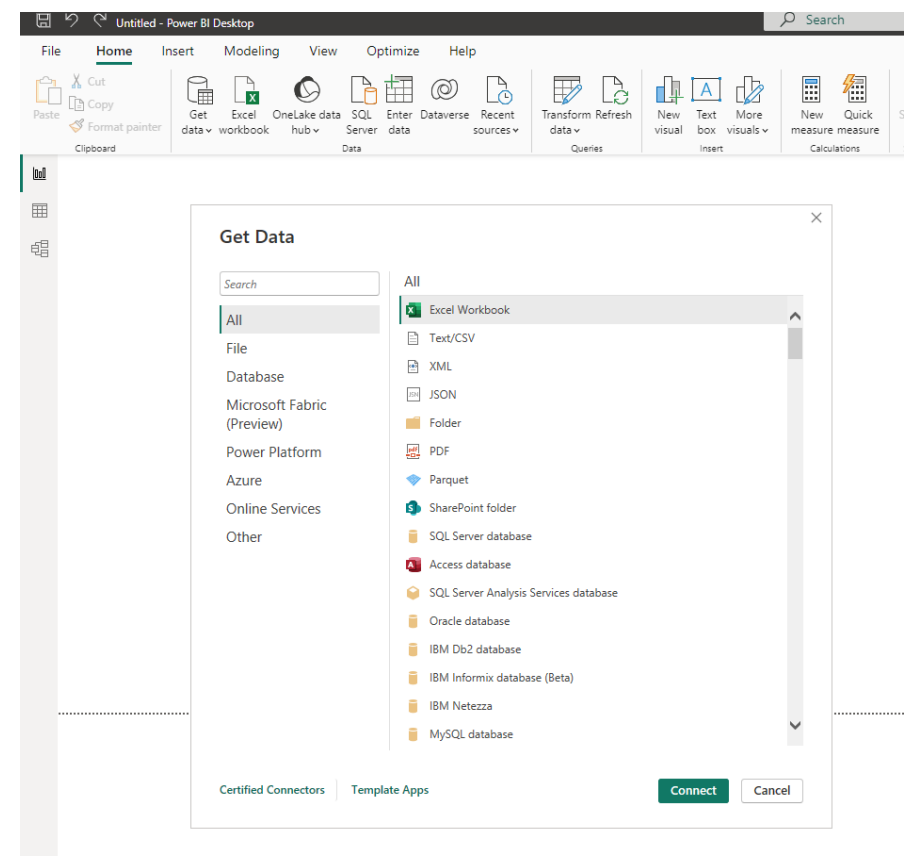
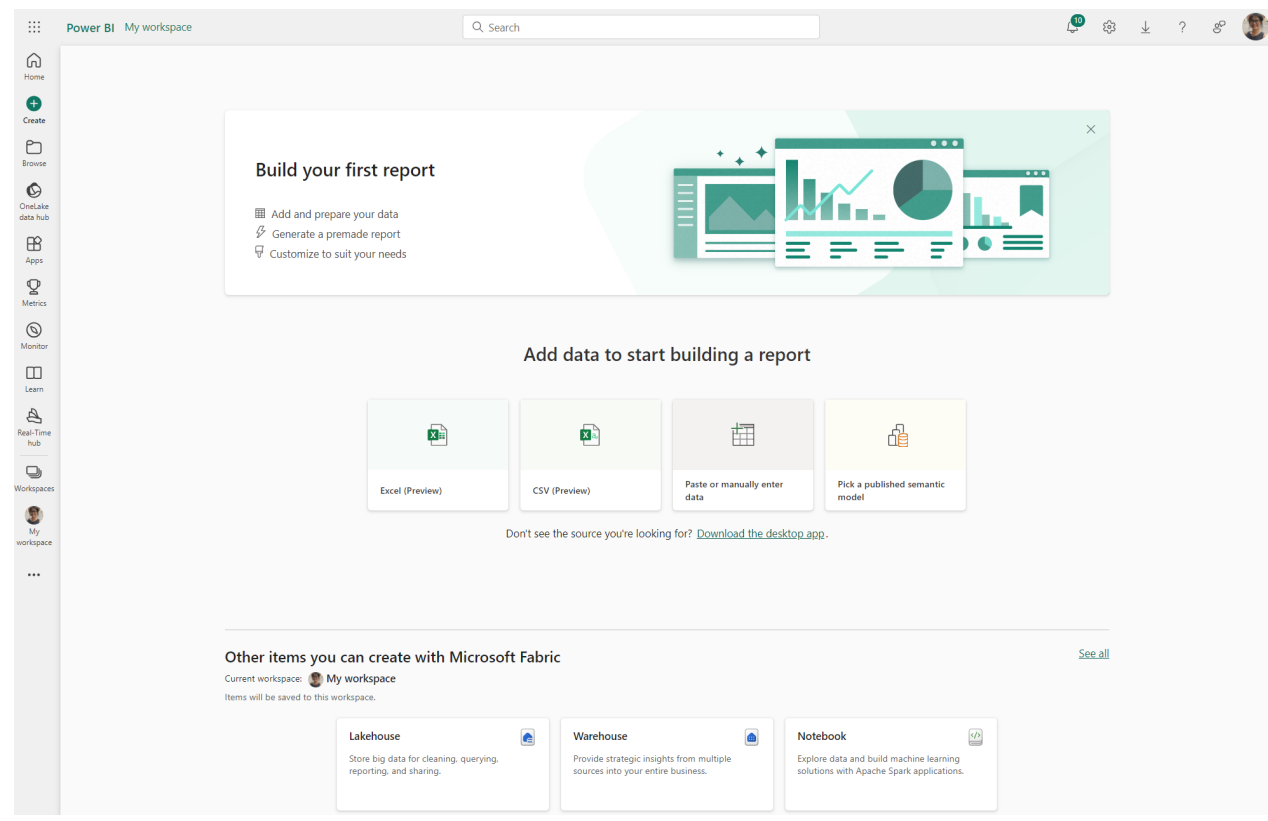
Name	Assigned to	Status	Progress	Trend	Due
Resource Utilization > 50%	Lulu Wang	Fail	95.00/50.00 ↑ 1.06% WoW		Aug 25, 2024
Timesheet Compliance >	Lulu Wang	On track	5.5K/10.0K ↓ 25.48% WoW		Aug 25, 2024
Actuals / Availability > 50%	Lulu Wang	Fail	0.0/1.0K ↑ 0% WoW		Aug 25, 2024



Connecting to Data Sources

- Power BI Service Navigation
- Options to Connect to Sources
- Creating a Data Connection

Connecting to Data Sources





Reports and Dashboards

- Dashboard Components
- Options to Share Reports and Dashboards

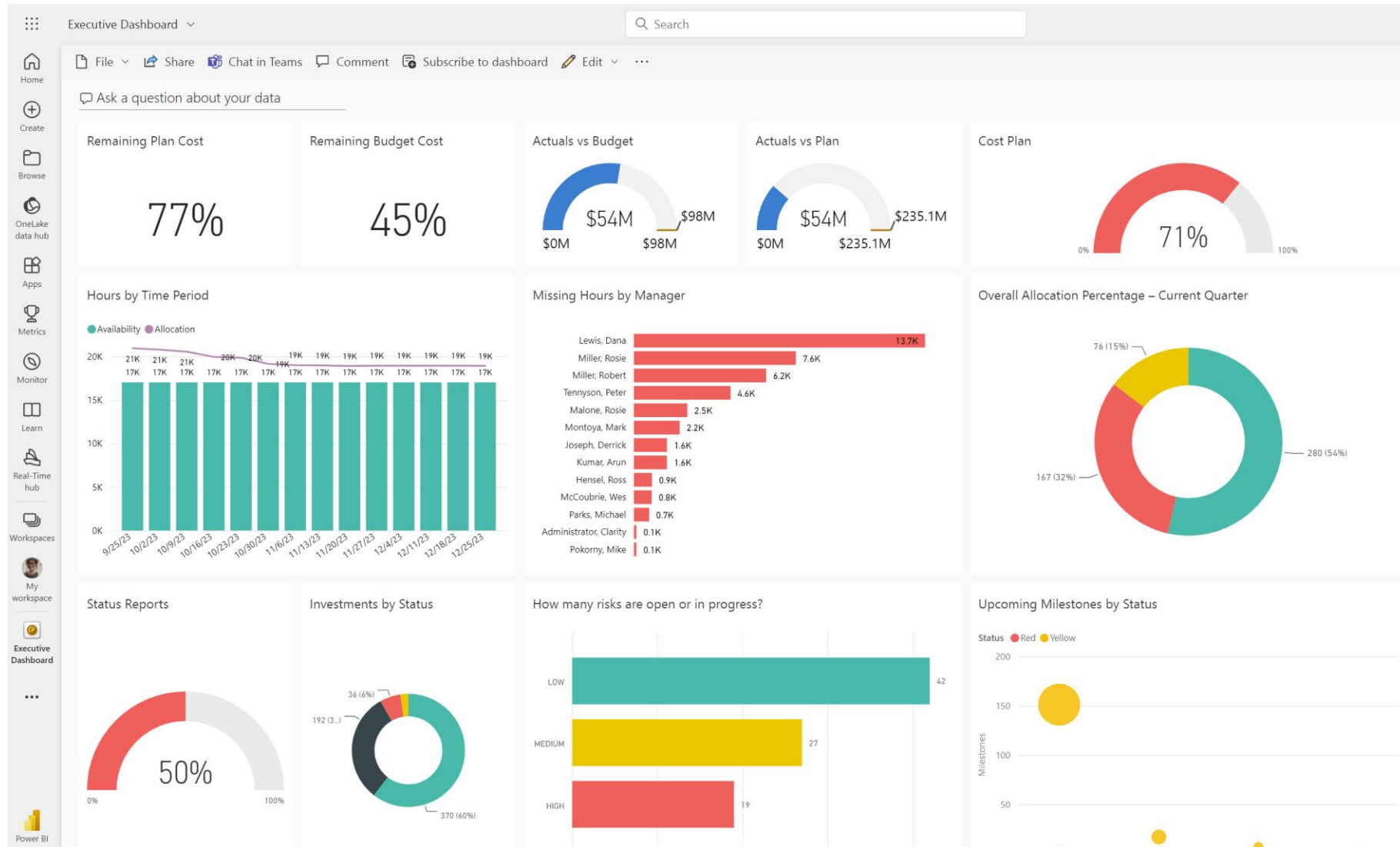


Reports and Dashboards

Dashboard Components

-  Dashboards provide a high-level view of select KPI from one or more reports. Reports are pinned to a live page which then adds them to a new or existing Dashboard.
-  An entire report can be published or individual visualizations from multiple reports.

Dashboard Example



Sharing Reports and Dashboards

Options to Share Reports and Dashboards:

- ✓ Publish reports to the web
- ✓ Share dashboards
- ✓ Duplicate and modify shared dashboards (personal versions)
- ✓ Export to multiple formats
- ✓ Print
- ✓ QR code

Sharing Reports and Dashboards



Share Reports
and Dashboards



Workspace
Collaboration



Share via Link



Share from
Power BI Mobile
Apps



Share from Power BI Desktop
with OneDrive and SharePoint
Integration

Licensing

Scenario	Creator	Consumer
<ul style="list-style-type: none"> ✓ You create a report in Power BI Desktop (.PBIX). Then you publish it to your My Workspace on the Power BI service. 	<ul style="list-style-type: none"> ✓ As a creator, you only need the free Desktop app and a free Power BI license to publish to your My Workspace in the Power BI service for your own use. A paid Power BI Pro or PPU license is required to share content in My Workspace with others. 	<ul style="list-style-type: none"> ✓ Consumers can't see content in other people's My Workspace unless the owners decide to share. To see shared My Workspace content requires a paid license.
<ul style="list-style-type: none"> ✓ You create a report in Power BI Desktop (.PBIX) and share the PBIX file to other people who open the file in Power BI Desktop 	<ul style="list-style-type: none"> ✓ No licensing needed, only the Power BI Desktop app to be downloaded and installed. 	<ul style="list-style-type: none"> ✓ No licensing needed, only the Power BI Desktop app to be downloaded and installed.
<ul style="list-style-type: none"> ✓ You create a report in Power BI Desktop (.PBIX) and publish it to a shared workspace in the Power BI service. 	<ul style="list-style-type: none"> ✓ Paid license needed to publish to shared workspaces. 	<ul style="list-style-type: none"> ✓ Paid license required to view the content unless the workspace is hosted in Premium capacity. For workspaces in Premium capacity, the consumer only needs a free license to view that report.
<ul style="list-style-type: none"> ✓ You're sent a link to a report hosted on the Power BI service and want to view it. 	<ul style="list-style-type: none"> ✓ You need a paid license to share a link. You need a free license to share a link to a report that is in Premium capacity. 	<ul style="list-style-type: none"> ✓ A paid license is required to view the report unless the report is hosted in Premium capacity. For reports hosted in Premium capacity, the consumer only needs a free license to view that report.

Reports and Dashboards

Steps to Share



Publish to Web

- Do not use this option as it will allow access to dashboard to public



Share

- Grant/Revoke access to colleagues in the organization
- It will warn you if you have entered an email address outside the organization



Create Workspaces (Pro only)

- Public or Private groups
- Edit or View only groups



Create Apps (Pro Only)

- Entire Organization
- Specific Individual or Groups

Data Import Options

- DirectQuery vs. Import
- Connecting to ODATA and Oracle Server and Extracting Data



Data Import Options

Connecting to ODATA and Oracle Server and Extracting Data

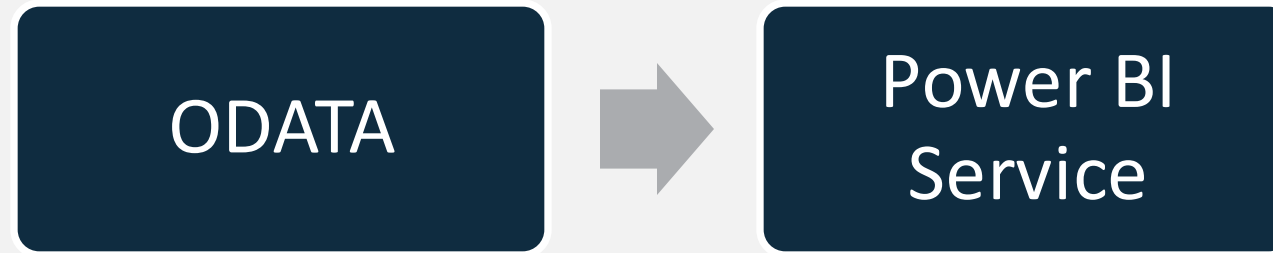


OData Feed



Oracle database

Data Refresh – On Premise vs On Demand Clarity



Connecting to Odata Feed

Here are the steps to create a dashboard:

- ✓ Open your Power BI Desktop instance.
- ✓ Select OData feed option under GetData.
- ✓ Enter the Odata URL provided by your admin and click on OK.
- ✓ Enter the username & password and click on Connect to authenticate.
- ✓ Odata Table Navigator opens. Select the tables required for your dashboard and click on Load.

Navigator

INVESTMENT_KEY	CLARITY_INVESTMENT_KEY	INVESTMENT_ID	INVESTMENT_NAME
5006027	5006027	IDA00275	Annual Benefit Changes I
5006029	5006029	IDA00277	Annual PPO Network Che
5006030	5006030	IDA00279	Medicare Advantage Plar
5006032	5006032	IDA00307	New HRA vendor

The data in the preview has been truncated due to size limits.

- ✓ Selected Tables gets loaded and power BI canvas opens up.

Connecting to Odata Feed

- ✓ Select the required visualization and drag the fields from the tables onto the settings to generate a meaningful visualization.

The screenshot shows a BI tool interface. On the left, there's a 'Visualizations' panel with a 'Build visual' button and a grid of visualization icons. A bar chart is displayed in the center, titled 'Idea Count by Idea Category'. The x-axis categories are: N/A, New Product or ..., Select Sub, System Change, Compliance/Regulatory, DMAIC, Enhancement, and Tradeshow. The y-axis represents the count, ranging from 0 to 60. The 'N/A' category has the highest count, exceeding 60. On the right, there's a 'Filters' panel and a 'Visualizations' panel with a 'Build visual' button and a grid of visualization icons.

- ✓ You can group related visualizations under a single dashboard. Save the dashboard after completion.

The screenshot shows a dashboard with several components:

- Staff Summary:** A summary card showing 26 Resources/Roles. It includes metrics for Actual Total Hours (16), Actual Labor Hours (16.00), Actual Equipment Hours (0.00), Actual Total Cost (\$1,600), Actual Capx Cost (\$0), and Actual Opex Cost (\$1,600).
- View resources/Roles by:** A horizontal bar chart showing the distribution of resources/roles by category. The categories and their counts are: (Blank) 8, PPM UX 6, IT 5, BT 2, NPN 2, and Product Development 1.
- Assigned Primary Roles -> Resources:** A table showing the distribution of resources across various roles. The total is 16.00 Actuals and 31.00 Pending Actuals.
- Idea Table:** A table with columns: Idea, Overall Status, Resources /Roles, Allocations, Hard Allocations, Soft Allocations, Actuals, Pending Actuals, Base Hours, EAC Hours, Pending EAC Hours, ETC Hours, Pending ETC Hours, ACWP Cost, Base Cost, EAC Cost, and ETC Cost. The table lists several ideas, with the last one, 'Desktop SW Upgrade', having 1 resource, 1.036 allocations, 0 hard allocations, 860 soft allocations, 16.00 actuals, and 16.00 pending actuals.

Data Import Options

DirectQuery vs. Import [Oracle]

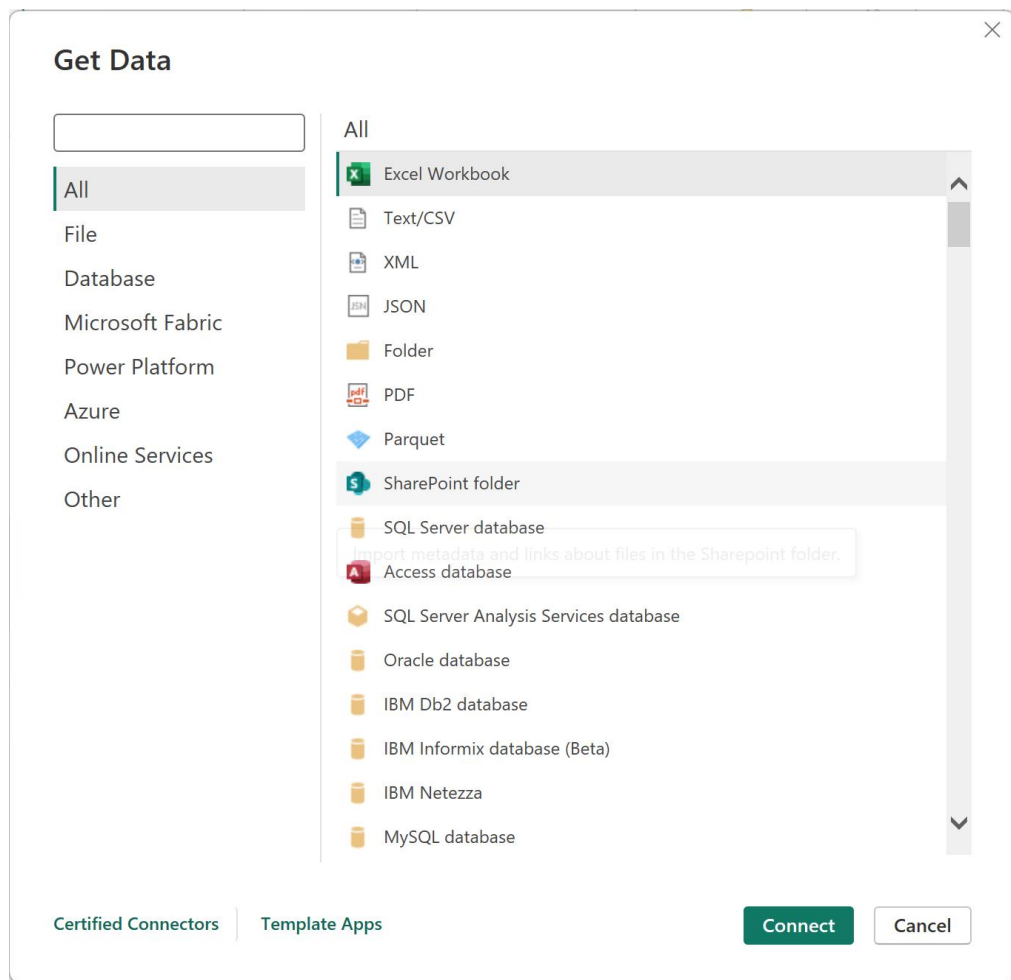
Data Connectivity mode ⓘ

Import

DirectQuery

Data Import Options

Connecting to a Source



Creating a Report

- Power BI Desktop Navigation
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- Examples of Using Custom Visuals



Creating a Report

Late Milestones

OBS Type: Corporate Department OBS | OBS Path: All

Investment ID	Investment Name	Milestone Name	Investment Manager	Status	Start/Finish Date
PRS1000	A Fantastic Project (PfM Tr...	Analyze Phase Complete	Flanagan, Christopher	Not Started	Monday, April 20, 20
PD1012	Atropa Retina Scan - Proj...	Business Case Complete and Go to Development	Miles, Paul	Not Started	Monday, April 13, 20
PD1002	Aurisdage JIA - Project	Business Case Complete and Go to Development	Miles, Paul	Not Started	Monday, August 18,
PD1003	Brightlight 3000 - Project	Business Case Complete and Go to Development	Miles, Paul	Not Started	Friday, October 9, 20
PD1009	Diagnostic ECG - Project	Business Case Complete and Go to Development	Angelo, Michael	Not Started	Thursday, Septembe
PD1015	Echo Cardiography 3000 - ...	Business Case Complete and Go to Development	Angelo, Michael	Not Started	Thursday, Septembe
PD1010	Fluoriscopic Imaging 1000 ...	Business Case Complete and Go to Development	Miles, Paul	Not Started	Tuesday, August 11,
PD1004	Magnolia 4000 - Project	Business Case Complete and Go to Development	Angelo, Michael	Not Started	Tuesday, August 11,
PD1016	Molecular Imaging 4000 - ...	Business Case Complete and Go to Development	Angelo, Michael	Not Started	Tuesday, August 11,
PD1014	Molecular Imaging 6000 - ...	Business Case Complete and Go to Development	Nunez, Angie	Not Started	Tuesday, August 11,
PD1008	MIRI 3000 - Project	Business Case Complete and Go to Development	Tennyson, Peter	Not Started	Tuesday, August 11,
PD1011	Nuclear Cardiology 2200 - ...	Business Case Complete and Go to Development	Angelo, Michael	Not Started	Tuesday, August 11,
PD1005	PET Ri - Project	Business Case Complete and Go to Development	Craig, Allen	Not Started	Tuesday, June 9, 201
PD1006	Sonara XT - Project	Business Case Complete and Go to Development	Miles, Paul	Not Started	Tuesday, August 11,
PD1013	Ultrasound V4500 - Project	Business Case Complete and Go to Development	Angelo, Michael	Not Started	Tuesday, August 11,
PD1007	Vidium 2000 - Project	Business Case Complete and Go to Development	Craig, Allen	Not Started	Monday, November
PR1088	2015 eCommerce Portal Im...	Closing Phase Gate Complete	Arya, Vishal	Not Started	Friday, February 19,
PR1001	4G Upgrade Readiness	Closing Phase Gate Complete	Reed, Henry	Not Started	Tuesday, September
PR1016	Automated Security Enhanc...	Closing Phase Gate Complete	Berks, Paul	Not Started	Thursday, Septembe

Anesthesia Delivery (PfM Training Class)

Overall Status:

Latest Status Report:

Overall Status Trend:

Effort Variance: 40.17K

Schedule Variance: 0

Change Request:

Risk by Priority:

All Risks

Target Resolution Date: 10/10/2015 - 4/24/2017

OBS Type: Business Transformation Group | Corporate Department OBS | Corporate Location OBS | Organizational

Risk Count: 11

Risk by Priority:

Risk by Status:

Risk by Target Resolution Date:

Investment ID	Investment Name	Risk Name	Investment Manager	Risk ID	Owner	Status	Priority	Target Resolution Date
PN1011	Anesthesia Delivery (PfM Training Class)	Test Risk Objectives	Tennyson, Peter	RS1077	Joishi, Navdeep	Open	Medium	Friday, October 23, 2015
PR1016	Automated Security Enhancements	Key Resource not available	Berks, Paul	RS1073	Administrator, System	Open	High	Saturday, October 10, 2015
PR1052	Test-MK	Requirements to be freed on time	Administrator, System	RS1074	Administrator, System	Open	High	Tuesday, October 13, 2015
Administrator, System	Open	Medium	Tuesday, October 13, 2015					
Hoaldridge, Jon	Open	High	Thursday, February 11, 2016					
Hoaldridge, Jon	Closed	Low	Thursday, February 11, 2016					
Calderon, Mandy	Open	High	Friday, June 3, 2016					
Rice, Christi	WIP	Medium	Monday, April 24, 2017					
Administrator, System	Open	High	Tuesday, November 10, 2015					
Administrator, System	Open	Low	Tuesday, November 10, 2015					

Issue by OBS Level 2:

Risk by Priority:

Risk by Status:

Risk by Target Res:

Issues: 5 | Risks: 11 | Demands: 110

Actuals by Type:

Allocation by Type:

Investment Name	Issue Name	Investment Manager	Issue ID	Owner	Target Resolution Date	Status	Priority
KL CWB Project 1234	a'spodjgajjd	Lockwood, Karl	IS1092	Lockwood, Karl	Wednesday, April 27, 2016	WIP	Low
CLR Demo Project	new issue from the risk	Rice, Christi	IS1094	Rice, Christi	Monday, April 24, 2017	Open	Medium
JH Project-Financial Mgmt Overview	Risk 1 to Issue 1	Hoaldridge, Jon	IS1091	Hoaldridge, Jon	Thursday, February 11, 2016	WIP	High
Anesthesia Delivery (PfM Training Class)	Test Issue Objectives from Risk	Tennyson, Peter	IS1090	Joishi, Navdeep	Friday, October 23, 2015	Open	Low

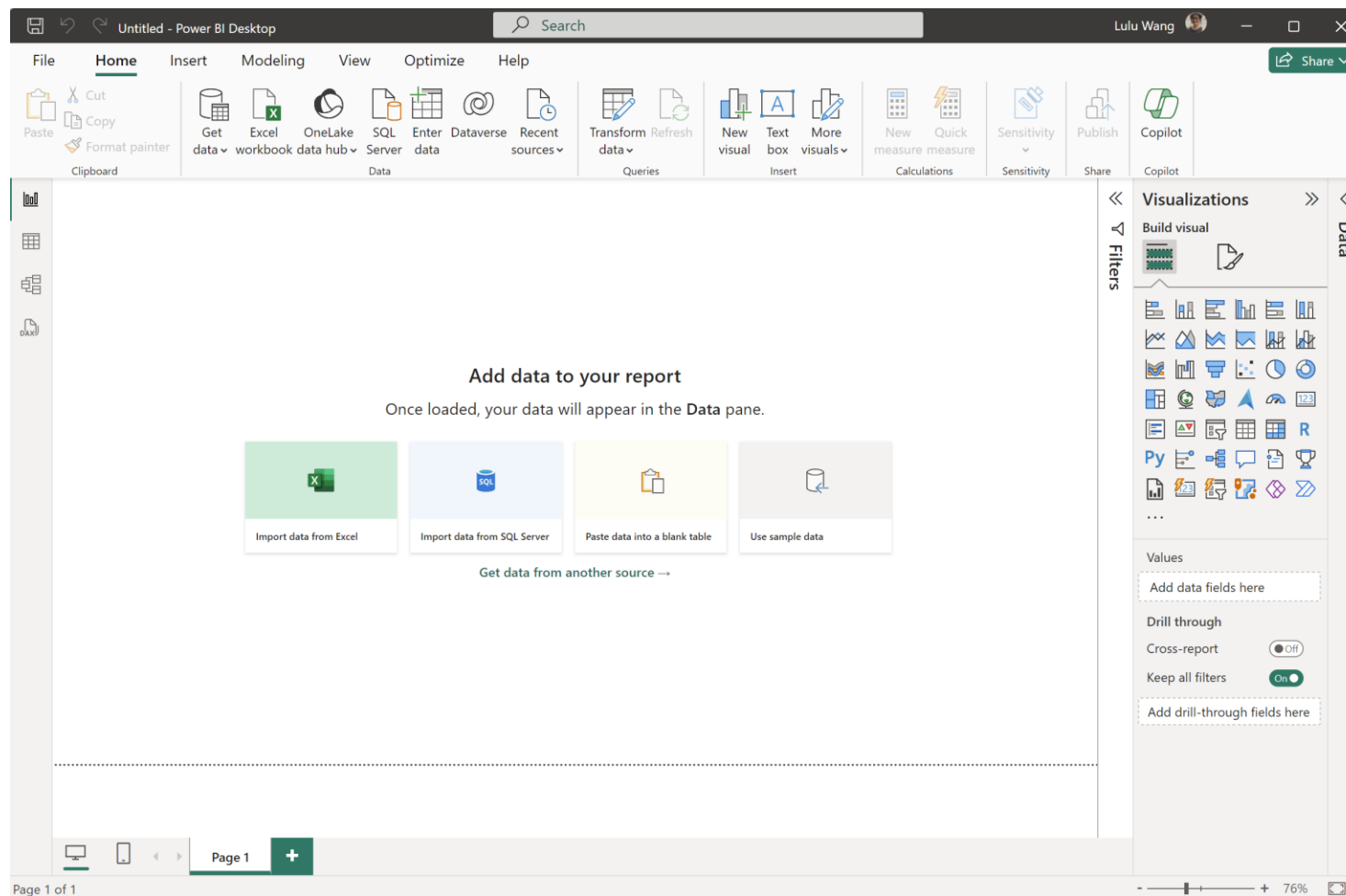
Investment ID	Issue ID	Issue Name	Target Resolution Date	Probability	Priority
PR1052	IS1089	Requirements to be freed on time		Low	Low
PN1011	IS1090	Test Issue Objectives from Risk	23-Oct-15	Low	High
PR1083	IS1091	Risk 1 to Issue 1	11-Feb-16	High	Medium
PR1094	IS1092	a'spodjgajjd	27-Apr-16	Low	Medium
PR1165	IS1094	new issue from the risk	24-Apr-17		Medium

Investment ID	Risk ID	Risk Name	Target Resolution Date	Probability	Priority
PR1016	RS1073	Key Resource not available	10-Oct-15	Low	High
PR1052	RS1074	Requirements to be freed on time	13-Oct-15	Medium	High
PR1052	RS1075	Resource availability	13-Oct-15	High	Medium
PN1011	RS1077	Test Risk Objectives	23-Oct-15	High	Medium
PRS1000	RS1078	Low Risk Sample	10-Nov-15	Low	Low
PRS1000	RS1079	Medium Risk Sample	10-Nov-15	Medium	Medium
PRS1000	RS1080	High Risk Sample	10-Nov-15	High	High
PR1083	RS1082	Risk 1	11-Feb-16	Medium	High



Creating a Report

Power BI Desktop Navigation

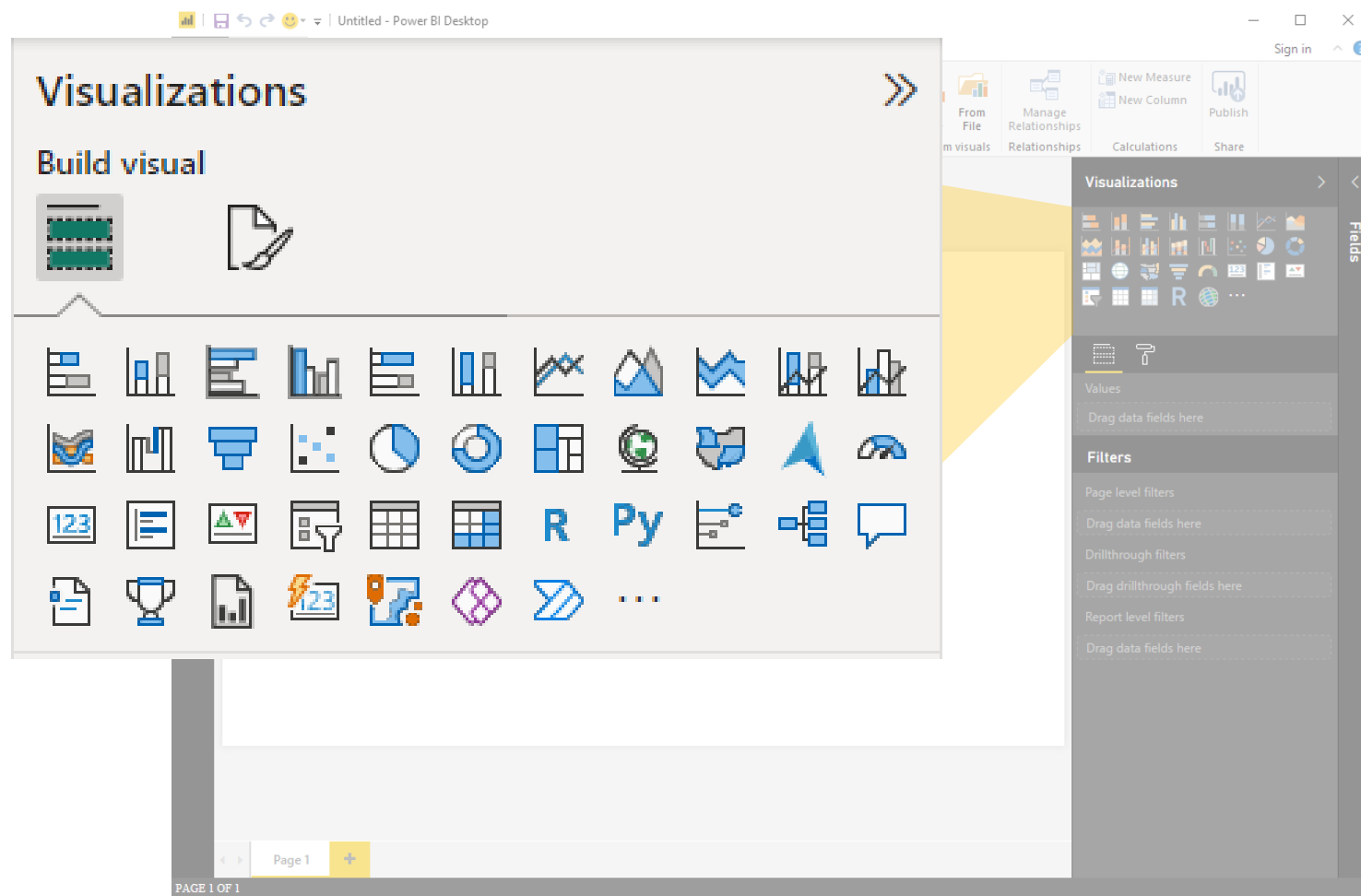


Reports and Dashboards

Dashboard Components

Chart Visualizations

- Bar chart
- Column chart
- Line chart
- Are chart
- Pie chart
- Combo chart
- Bubble chart
- Scatter chart
- Donut chart
- Gauge chart
- Funnel chart
- Waterfall chart



Visuals

Examples of Custom Visuals

Visualizations >>

Build visual

Get more visuals

- Import a visual from a file
- Remove a visual
- Restore default visuals

Value

Add

Drill

Cross

Keep all filters Off On

Add drill-through fields here

Power BI visuals

By clicking 'Add' and/or 'Download Sample' and downloading a visual, you agree to the provider's Terms and Conditions and Privacy Policy on the visual's page and agree Microsoft can share your account details to provider for their transactional purposes. Use of Microsoft's AppSource is subject to the [Microsoft Commercial Marketplace Terms](#) and [Privacy Statement](#).

All visuals Organizational visuals AppSource visuals

Search

Explore all available visuals to magnify your business insights [Learn more](#)

Filter by All

Sort by: Popularity

<p>Zebra BI Cards Zebra BI ★★★★★(17)</p>	<p>Drill Down Combo ... ZoomCharts ★★★★★(10)</p>	<p>Sunburst by Power... TRUVIZ INC ★★★★★(5)</p>	<p>accoPLANNING Ent... Accobat AS ★★★★★(11)</p>	<p>Shielded HTML Vie... Nova Silva ★★★★★(1)</p>
<p>Advanced Trellis / S... xViz LLC ★★★★★(5)</p>	<p>Text Filter Microsoft Corporation ★★★★★(177)</p>	<p>SuperTables Apps for Power BI ★★★★★(5)</p>	<p>Chiclet Slicer Microsoft Corporation ★★★★★(240)</p>	<p>Timeline Slicer Microsoft Corporation ★★★★★(239)</p>
<p>different</p>	<p>Tree</p>	<p>Power K</p>	<p>Pie</p>	<p>Map</p>

Data Transformation

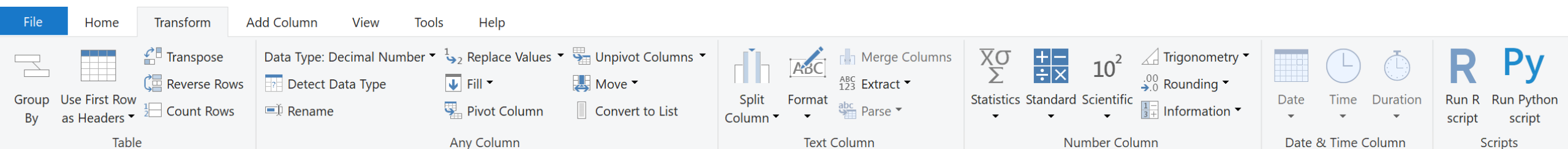
- Data Transformation Components
- Data Modeling



Data Transformation

Data Transformation Components

- Use first row as header
- Split the field or concatenate fields
- Replace values null with blanks
- Group data
- Pivot/unpivot columns
- Aggregate functions
- Format columns



Data Transformation

Data Modeling

- Import multiple tabs from Excel or Create multiple queries
- Join the tables

The screenshot displays a data modeling interface with three tables and their relationships. The tables are:

- Resource Weekly Facts**: Contains columns like ACTUAL_COST, ACTUAL_HOURS, ACWP_COST, ALLOC_COST, ALLOC_EAC_COST_VAR, ALLOC_EAC_HOURS_VAR, ALLOC_HOURS, AVAIL_ALLOC_HOURS_PCT, and AVAIL_ALLOC_HOURS_VAR.
- Resource Detail**: Contains columns like BOOKING_MANAGER, BOOKING_MANAGER_KEY, CATEGORY, CLARITY_CREATED_DATE, CLARITY_RESOURCE_KEY, CLARITY_UPDATED_DATE, CLR_EXPERIENCE, COMPANY_KEY, and COMPANY_NAME.
- Resource OBS**: Contains columns like CLARITY_CREATED_DATE, CLARITY_OBS_MAPPING_KEY, CLARITY_UPDATED_DATE, DW_UPDATED_DATE, HIERARCHY_LEVEL, OBS_LEVEL1, OBS_LEVEL1_KEY, OBS_LEVEL10, and OBS_LEVEL10_KEY.

Relationships are shown between Resource Detail and Resource OBS. The relationship is defined by the column RESOURCE_KEY in both tables. The cardinality is Many to one (*:1). The relationship is active, and the cross-filter direction is Single. The security filter is not applied in both directions.

Properties

Relationship

Table: Resource OBS, Column: RESOURCE_KEY

Cardinality: Many to one (*:1)

Table: Resource Detail, Column: RESOURCE_KEY

Make this relationship active: Yes

Cross-filter direction: Single

Apply security filter in both directions: No

Apply changes

Open relationship editor

Data Transformation - Advanced

- Creating your Own M Script
- M Script Examples



Data Transformation - Advanced



Creating your own M script
for your next advanced report

Data Transformation - Advanced

M Script Examples

The image displays three overlapping screenshots of the 'Advanced Editor' interface, each showing a different M script example for data transformation. Each window includes a title bar with the text 'Advanced Editor' and a status bar at the bottom indicating 'No syntax errors have been detected.' with 'Done' and 'Cancel' buttons.

- LATEST_STATUS_REPORT:** The script starts with a 'let' block defining the source as an Oracle database. It uses 'Table.TransformColumns' to add a rank to a table and 'Table.Sort' to sort the data. The script then uses 'Table.TransformColumns' to add various columns like 'OVERALL_STATUS_GREEN', 'OVERALL_STATUS_YELLOW', and 'OVERALL_STATUS_RED' based on conditions.
- OVERALL_RISK_ISSUE_CR:** This script uses 'Table.NestedJoin' to combine data from 'DWH_RIM_ISSUE' and 'DWH_INV_INVESTMENT'. It then uses 'Table.TransformColumns' to add columns like 'OVERALL_CR', 'OVERALL_ISSUE', and 'OVERALL_RISK'. It also includes a 'Table.Combine' step for merging data.
- DWH_INV_INVESTMENT:** This script uses 'Table.SelectColumns' to extract specific data from the 'DWH_INV_INVESTMENT' table. It then uses 'Table.TransformColumns' to add columns like 'OVERALL_STATUS_CUSTOM' and 'OVERALL_STATUS_CUSTOM_TEXT' based on conditions.

Power BI Paginated Report



Overview

Power BI Paginated Report is designed to be printed or shared. You can create pixel-perfect reports with many pages of the same layout.

File Export 560 of 563 Parameters

Buying Group: Tailspin Toys Location: Absecon, NJ, Aceituna... View Report

Invoices From Date: 05/01/2016 Invoices To Date: 05/31/2016

Buying Group Account Statement Invoice Range: May 01, 2016 to May 31, 2016
Buying Group: Tailspin Toys, 201 Customers Selected

Floor 20, Import Plaza
105 Silk Road
Tradesville
WA 99999

Wide World Importers

Invoice No: 73507-70431

Invoice 2 of 3

Invoice Date: May 31, 2016 Delivery Time:
Purchase Order No: 16826 Received By:
Billed To: Tailspin Toys (Head Office)
Delivery Information: Suite 150, 1959 Sarma Road

Item	Quantity	Unit Price	Tax	LineTotal
DBA joke mug - you might be a DBA if (White)	7	\$13.00	\$13.65	\$104.65
Ogre battery-powered slippers (Green) XL	8	\$32.00	\$38.40	\$294.40
Packing knife with metal insert blade (Yellow) 18mm	15	\$2.40	\$5.40	\$41.40
"The Gu" red shirt XML tag t-shirt (White) 3XS	48	\$18.00	\$129.60	\$993.60
TOTAL			\$187.05	\$1,434.05

Use Case

- ✓ Export project summary for each program.
- ✓ Email list of Red projects of dynamic counts.
- ✓ Integrate with Power BI Report with parameters.
 - ✓ Insert Paginated Report in Power BI report for exporting
 - Power BI table export to csv and excel only
 - 150,00 rows limit
 - ✓ Add Power BI report hyperlink in Paginated Report for detail drill-thru
 - Pass in field as parameter

Advanced Fabric Options



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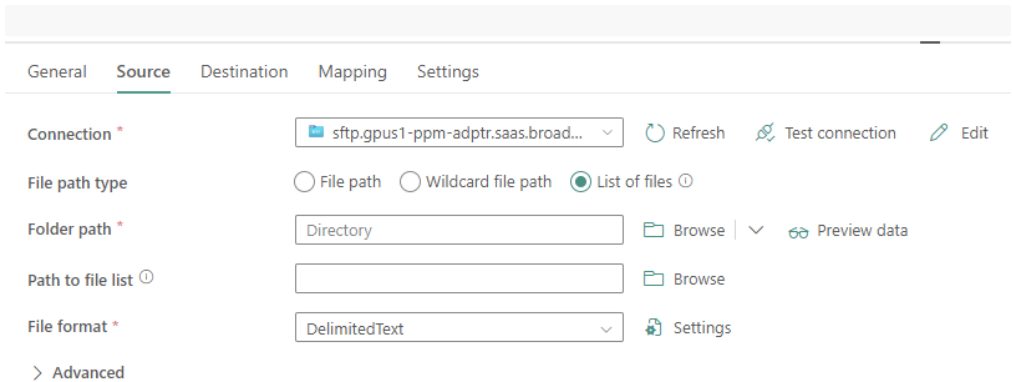
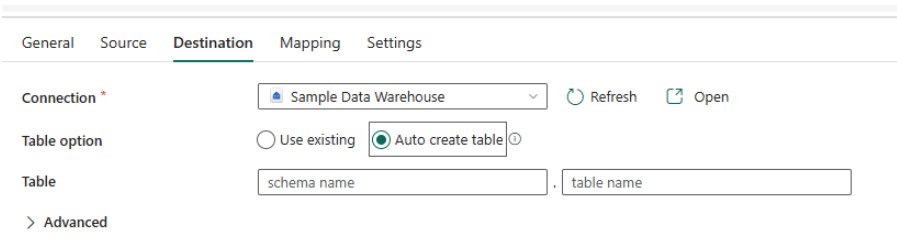
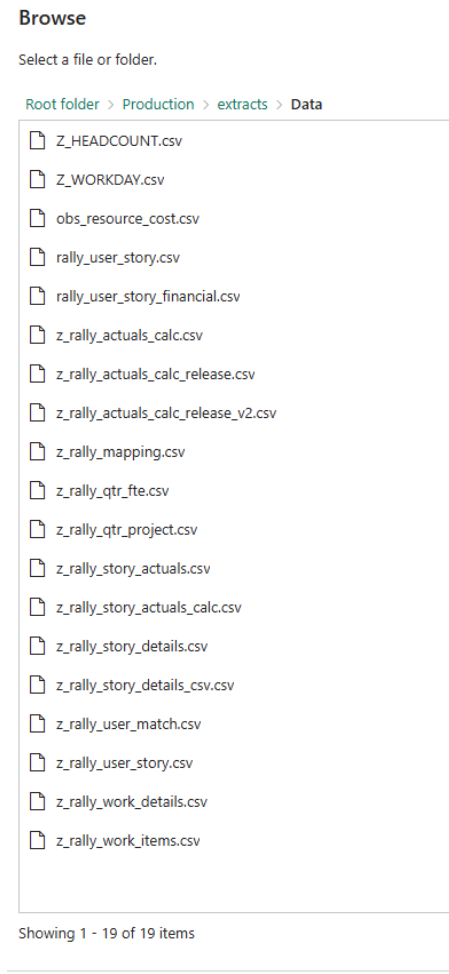
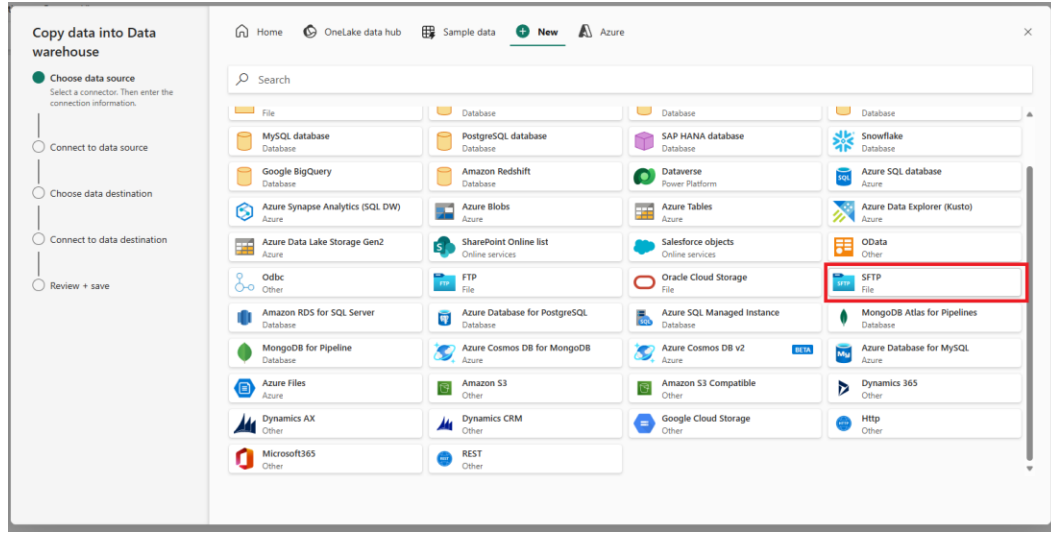
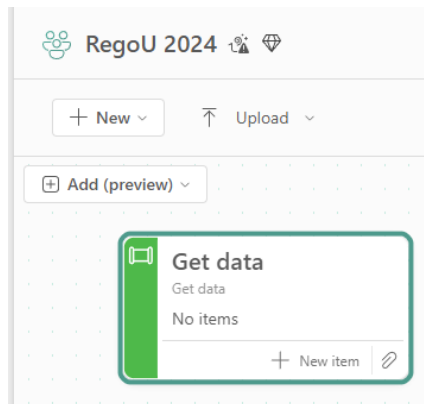
Advanced Use Cases

- ✓ SFTP
- ✓ Warehousing
- ✓ Datamart
- ✓ Copilot

Read from file in SFTP

- ✓ Connect to SFTP via Data Pipelines: Use Microsoft Fabric's pipelines to extract data from the SFTP directory.
- ✓ Transform Data with Dataflows: Clean and prepare the extracted data using Fabric's dataflows.
- ✓ Load into Data Warehouse: Automatically load the transformed data into the target data warehouse.
- ✓ **Ingest Data into Datamart:** Use Microsoft Fabric to load the transformed data directly into a Datamart, enabling simplified analysis and reporting.
- ✓ **Leverage Copilot for Automation:** Utilize Microsoft Copilot to automate and streamline the data flow setup, transformations, and loading processes with AI-driven recommendations.
- ✓ Fabric Services might require additional licensing and considerations when setting up the service that will count towards Fabric capacity.

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OK Cancel



Questions?





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- Click on **Course or Training**
- Class Provider = **Rego Consulting**
- Class Name = **regoUniversity**
- Course **Description**
- Date Started = **Today's Date**
- Date Completed = **Today's Date**
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- Training classes = **Technical**
- Click on **I agree** and **Submit**



Let us know how we can improve!
Don't forget to fill out the class survey.



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