Your ultimate guide to consuming content in Power BI & Fabric

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Program Manager
Fabric CAT



Warm up: aka.ms/fabricconsume



How are your users consuming Power BI/Fabric today?

Agenda

- Self-service Consumption
- Content Distribution
- Contextual Experiences

- Before we start… what we will not cover and why this is important

What we will not cover

- Creating content
- External sharing (however, some concepts also works in external sharing)
- Creating users and groups
- Creating workspaces
- Licensing
- Embedding
- Exporting (we don’t consider exporting a good practice of consuming content)
- Tenant administration
- Governance
- …

Syntax in this presentation

- We focus on Fabric in general
- Most of the end user consumption in Fabric is still Power BI related

- We will label the slides with the following *syntax*:
  - Relevant for both Power BI and Fabric
  - Relevant for Fabric items (non-Power BI)
  - Relevant for Power BI

Microsoft Fabric

Drive a data culture

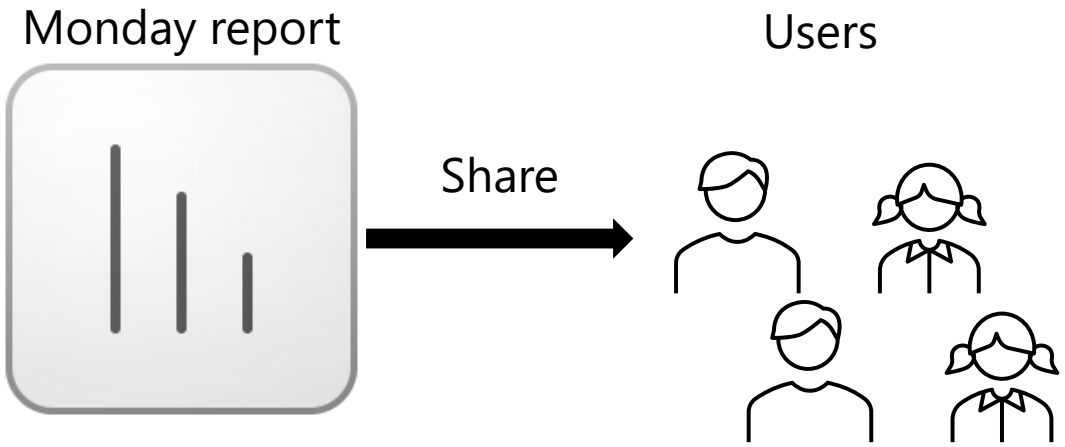
everyone | every decision | at any scale

What is happening today?

Monday

Create new report

Share with users

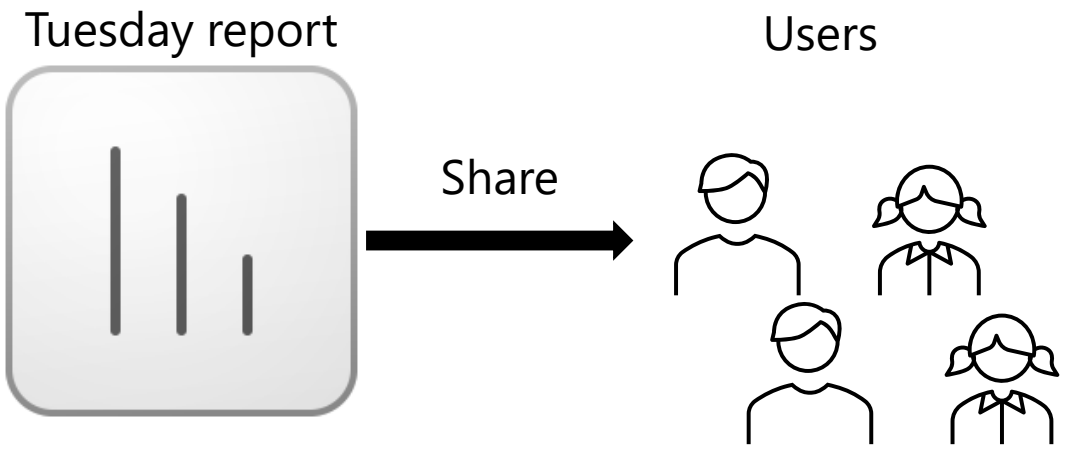


What is happening today?

Tuesday

Create new report

Share with users

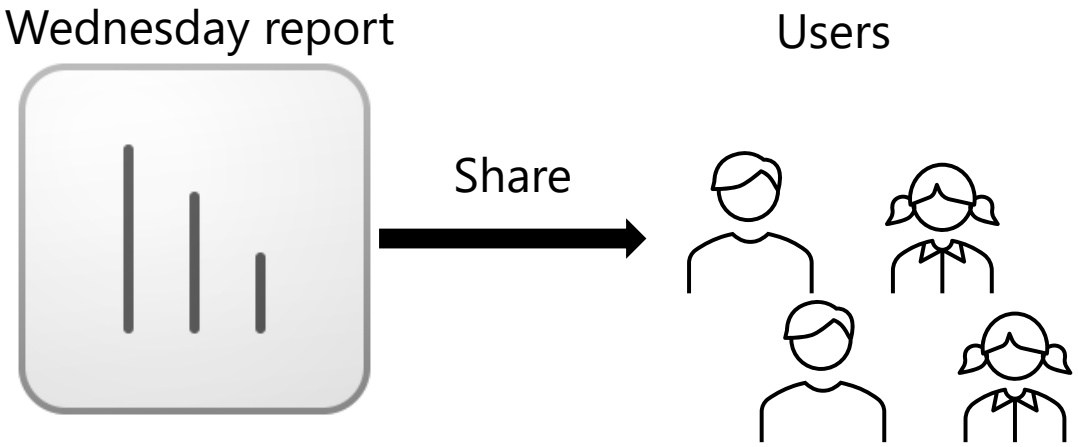


What is happening today?

Wednesday

Create new report

Share with users



What is happening today?



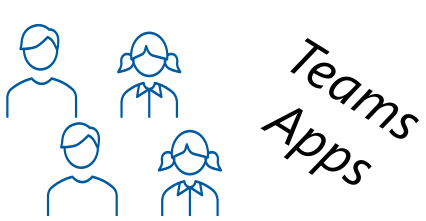
Have you considered different personas

- Not all users need the same experience/access

Developers



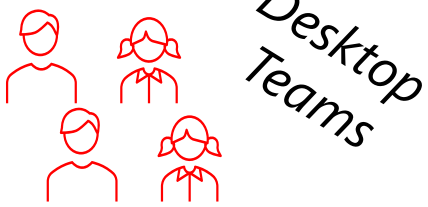
Info workers



Management



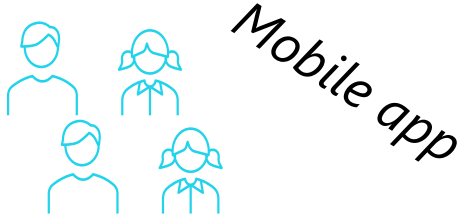
Finance



Salespeople



Field workers

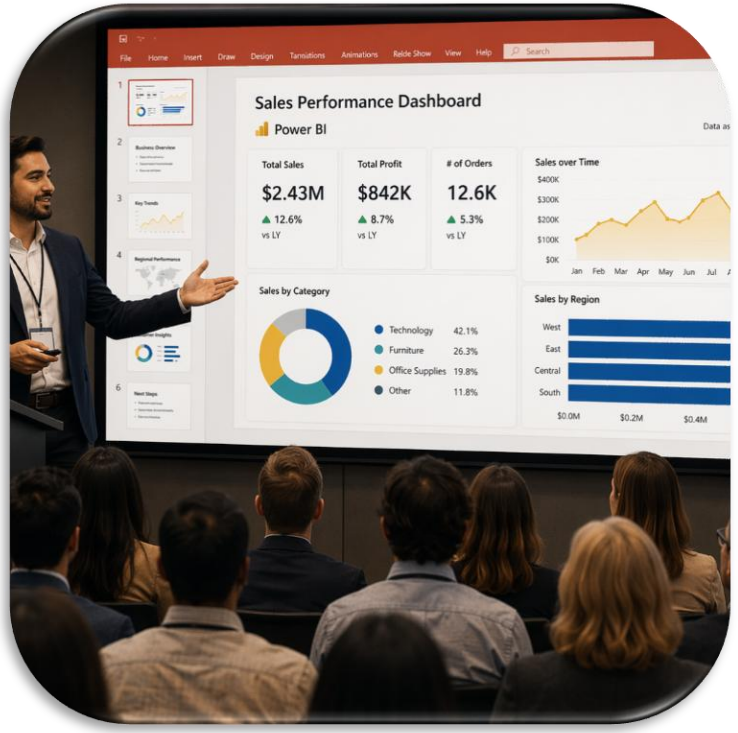


Have you considered different personas

- Not all users need the same experience/access
- Make users happier and more productive by tailor the experience to the use scenarios







1

Part one

Self-service Consumption

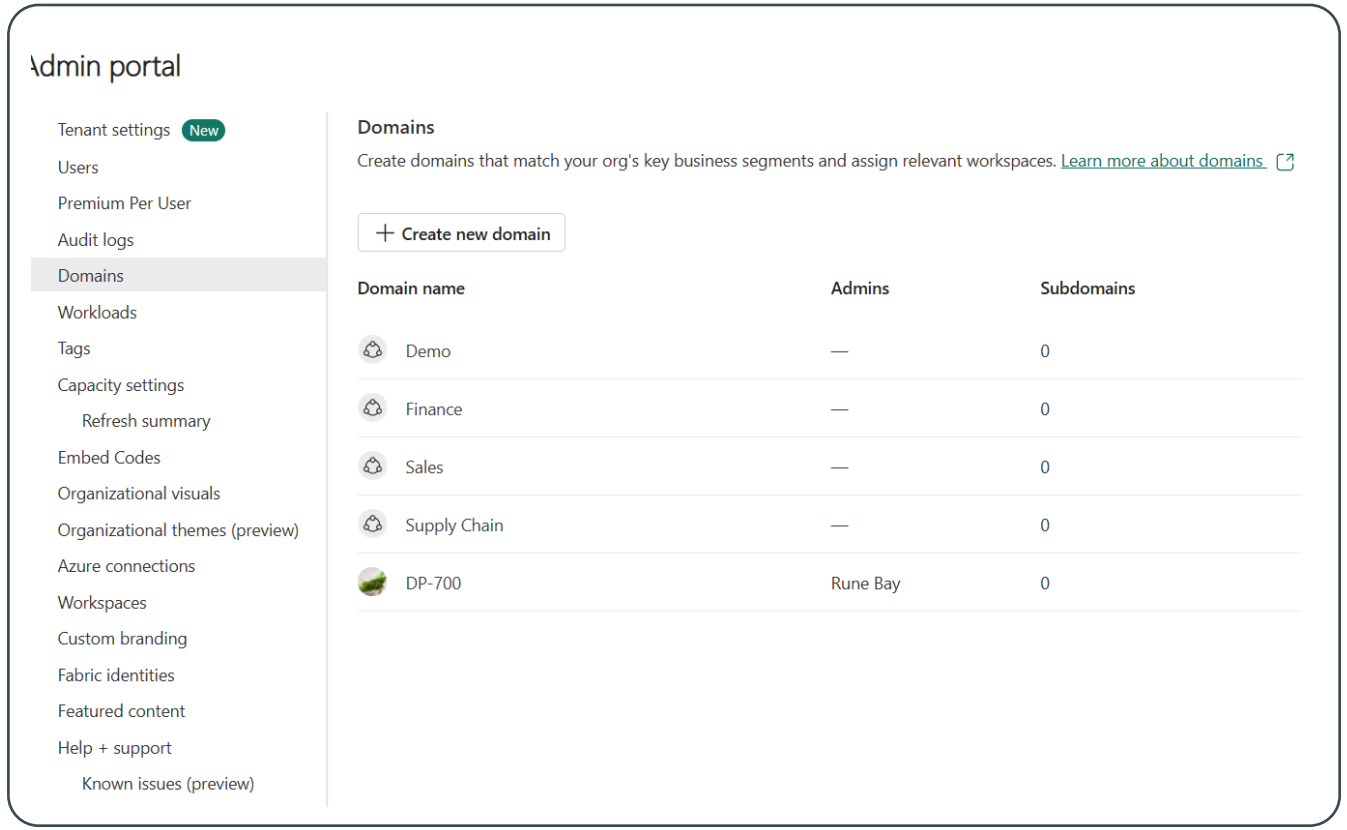
Domains and subdomains

Structure data per business needs, allowing granular control, optimized consumption

Implement a **data mesh** pattern by **logically grouping** data relevant to a particular area (e.g. Sales, Finance) in **domains** & **subdomains**

Optimize consumption & find relevant data faster by filtering / finding content by domains

Gain **granular control** per business needs by **delegating setting** to domain-level

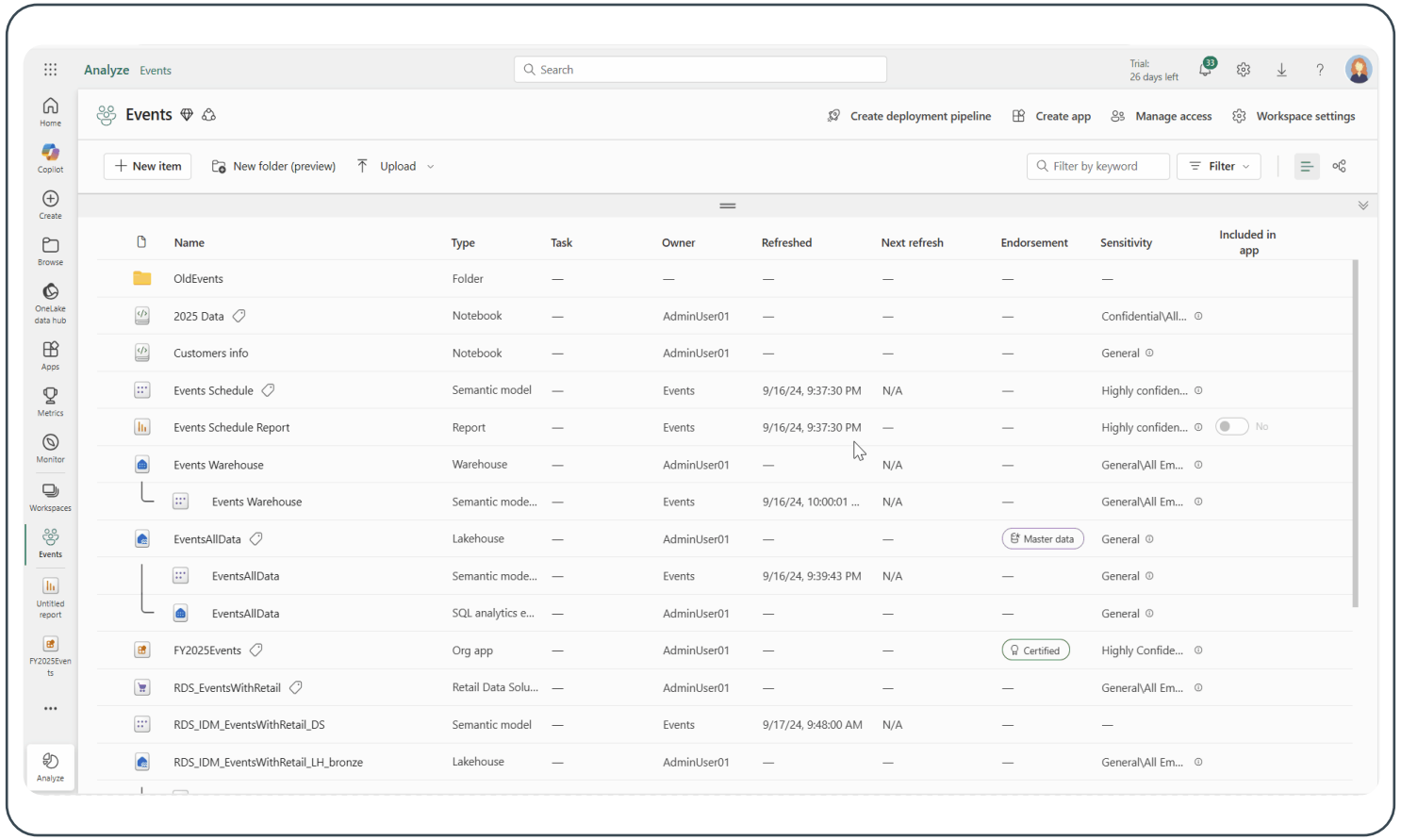


Tags

Enhance data governance and **consistency** by allowing Tenant Admins to define **tags** relevant to their organization

Enhance item **curation** & **discoverability** by allowing **Data Owners** to apply relevant tags to their items

Optimize consumption & find relevant data faster by filtering / finding content by tags



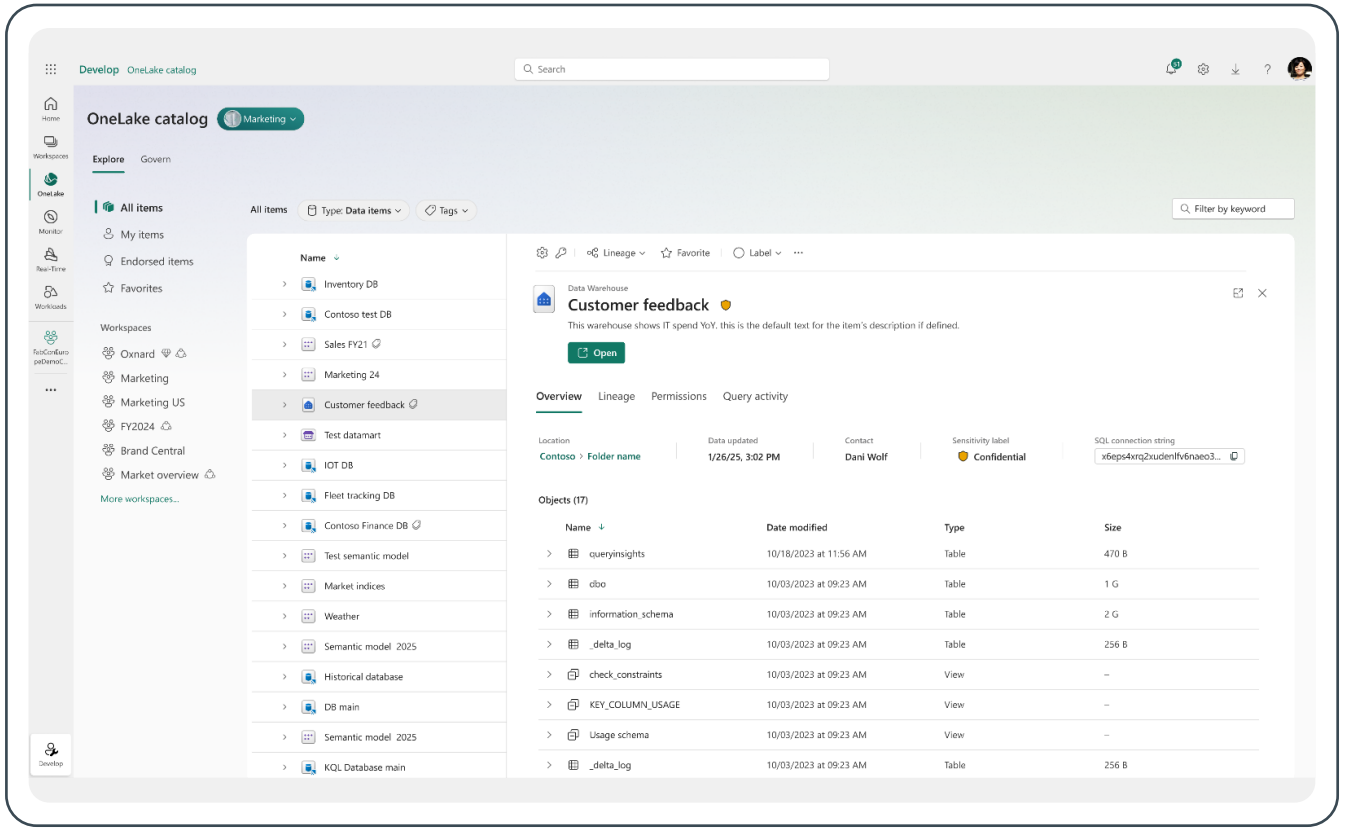
OneLake catalog

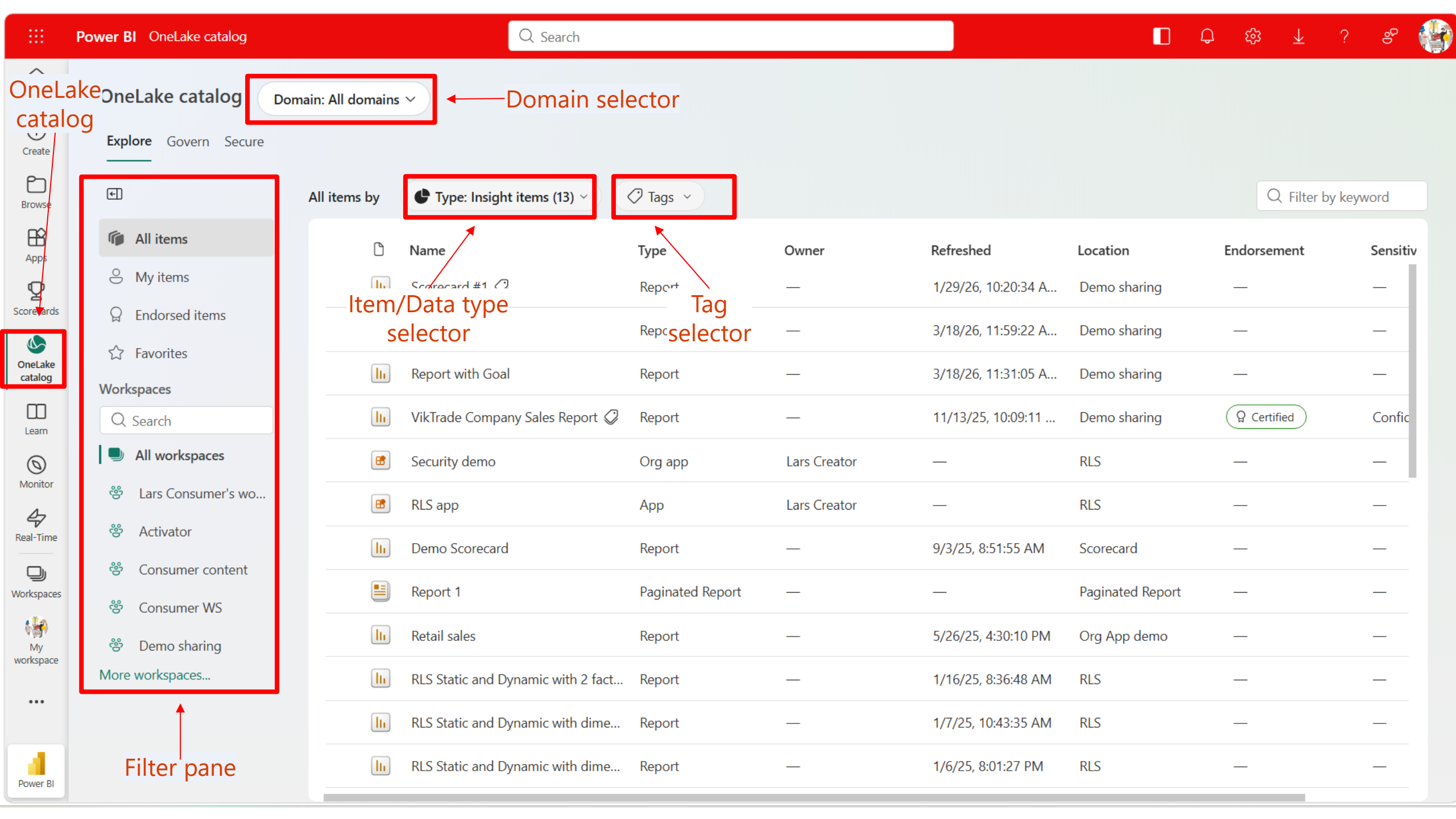
Complete catalog for data discovery, governance & insights in Fabric

Unified view of org-wide data estate to streamline cross-teams collaboration on data, processes, insights, and AI.

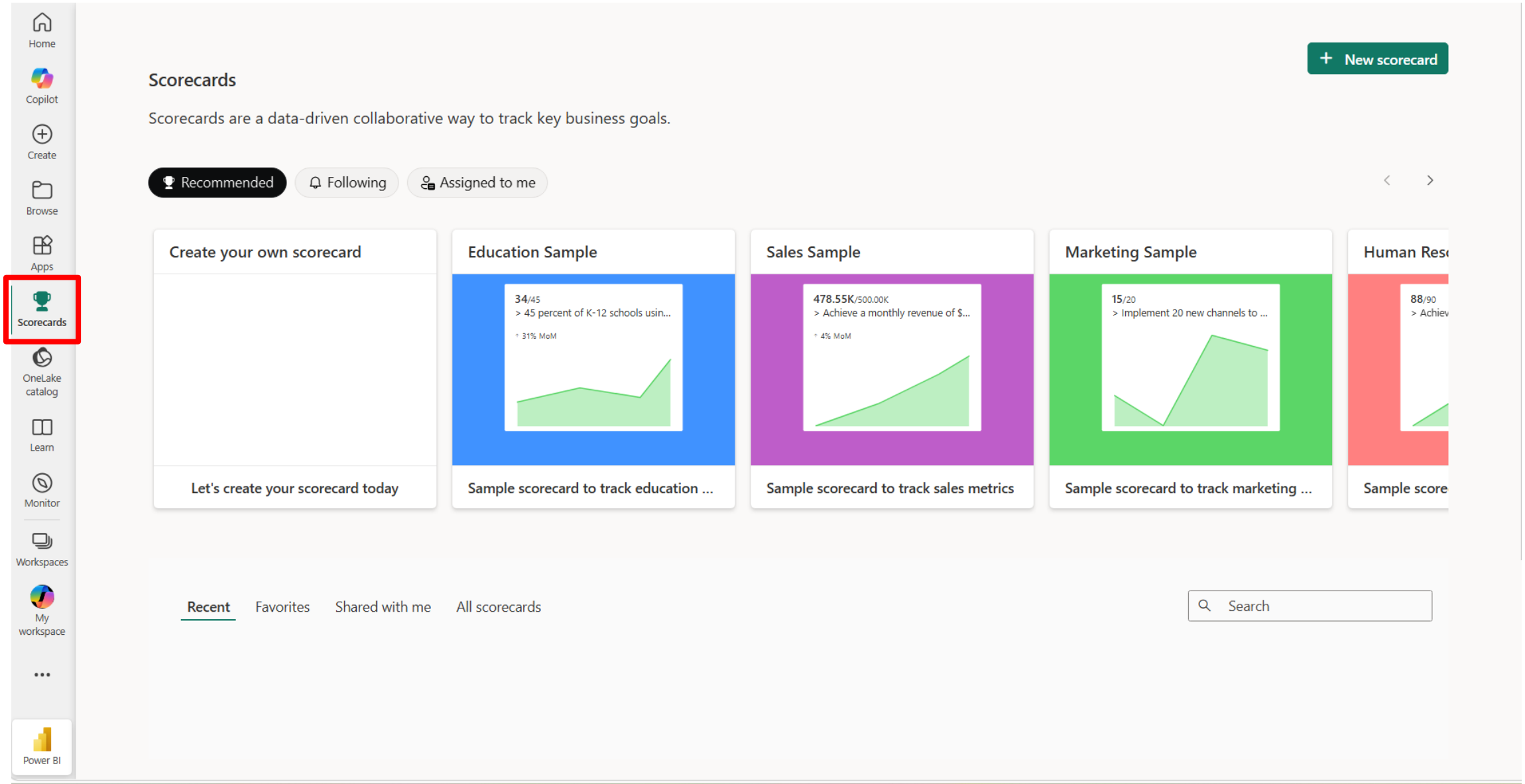
Easily **explore your data** and manage in-place.

Effectively govern data at scale by gaining insights on data, recommended actions, and available tooling.




Power BI OneLake catalog
Search
OneLake catalog
OneLake catalog
Domain: All domains
Domain selector
Explore
Govern
Secure
Create
Browse
Apps
Scorecards
OneLake catalog
Learn
Monitor
Real-Time
Workspaces
My workspace
Power BI
All items
My items
Endorsed items
Favorites
Workspaces
Search
All workspaces
Lars Consumer's wo...
Activator
Consumer content
Consumer WS
Demo sharing
More workspaces...
Filter pane
All items by
Type: Insight items (13)
Tags
Item/Data type selector
Tag selector
Filter by keyword
Name
Type
Owner
Refreshed
Location
Endorsement
Sensitiv
Scorecard #1
Report
—
1/29/26, 10:20:34 A...
Demo sharing
—
—
Repc
—
3/18/26, 11:59:22 A...
Demo sharing
—
—
Report with Goal
Report
—
3/18/26, 11:31:05 A...
Demo sharing
—
—
VikTrade Company Sales Report
Report
—
11/13/25, 10:09:11 ...
Demo sharing
Certified
Confic
Security demo
Org app
Lars Creator
—
RLS
—
—
RLS app
App
Lars Creator
—
RLS
—
—
Demo Scorecard
Report
—
9/3/25, 8:51:55 AM
Scorecard
—
—
Report 1
Paginated Report
—
—
Paginated Report
—
—
Retail sales
Report
—
5/26/25, 4:30:10 PM
Org App demo
—
—
RLS Static and Dynamic with 2 fact...
Report
—
1/16/25, 8:36:48 AM
RLS
—
—
RLS Static and Dynamic with dime...
Report
—
1/7/25, 10:43:35 AM
RLS
—
—
RLS Static and Dynamic with dime...
Report
—
1/6/25, 8:01:27 PM
RLS
—
—

Scorecards


Home
Copilot
Create
Browse
Apps
Scorecards
OneLake catalog
Learn
Monitor
Workspaces
My workspace
Power BI
Scorecards
Scorecards are a data-driven collaborative way to track key business goals.
New scorecard
Recommended
Following
Assigned to me
Create your own scorecard
Let's create your scorecard today
Education Sample
34/45
> 45 percent of K-12 schools usin...
↑ 31% MoM
Sample scorecard to track education ...
Sales Sample
478.55K/500.00K
> Achieve a monthly revenue of $...
↑ 4% MoM
Sample scorecard to track sales metrics
Marketing Sample
15/20
> Implement 20 new channels to ...
Sample scorecard to track marketing ...
Human Resc
88/90
> Achiev
Sample score
Recent
Favorites
Shared with me
All scorecards
Search

Home
Create
Browse
OneLake
Apps
Metrics
Monitor
Learn
Workspaces
Workspace for metric ..
Demo Scorecard
Power BI

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

Demo Scorecard

Select a hierarchy | Filter by keyword | List view | New

Goals 7	Overdue 0	Behind 0	At risk 5	On track 2	Not started 0	Completed 0

Name	Assigned to	Status	Progress	Trend	Due
Total Sales	Lars Creator	At risk	159K/183K ↑ 1.87% DoD		Mar 18, 2025
Total Profit	Lars Creator	On track	18K/20K ↑ 3.79% DoD		Mar 18, 2025
Ship mode Sales	Lars Creator	On track	2M/3M		Mar 18, 2025
First Class	Lars Creator	At risk	351K/408K		Mar 18, 2025
Same Day	Lars Creator	At risk	128K/145K		Mar 18, 2025
Second Class	Lars Creator	At risk	459K/525K		Mar 18, 2025
Standard Class	Lars Creator	At risk	1M/2M		Mar 18, 2025

Demo Scorecard

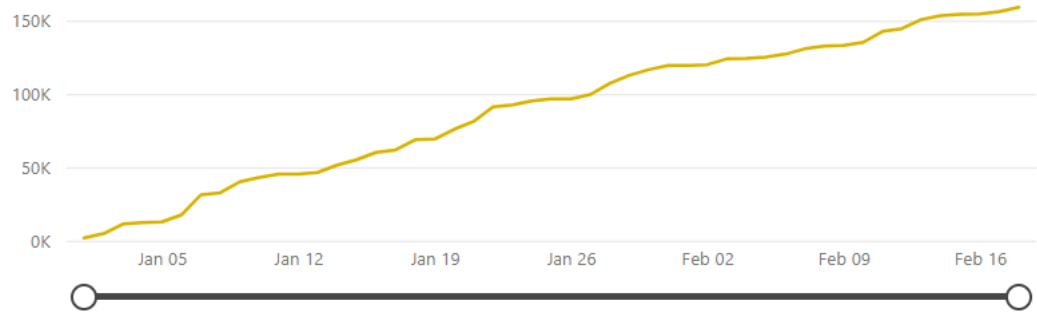
Select a hierarchy

✓ Goals 7	Overdue 0	Behind 0	At risk

Name	Assigned to	Status
Total Sales	Lars Creator	
Total Profit	Lars Creator	
Ship mode Sales	Lars Creator	
First Class	Lars Creator	
Same Day	Lars Creator	
Second Class	Lars Creator	
Standard Class	Lars Creator	

Total Sales

Details | History | Status rules | Time period | Connections



Show targets

Current value source: Scorecard report. Target value source: Scorecard report.

Check-in history

New check-in

Update the goal value and status, and share details in a note

2/18/2025 | 159K | At risk

Hide note

Sales are at risk because we have had production issues in January



Why Copilot

Unlock the full potential of your data

52%

faster task completion compared to not using copilot

36%

more **accurate** compared to not using copilot

90%

users tested were likely to **adopt**

SOURCE: Based upon n=209 randomized control study conducted by Microsoft Corporation in October 2024 that measured four common metrics associated with the consumption experience of Power BI in Microsoft Fabric and compared it to users that did not use copilot. Qualitative sentiment gathered upon task completion. Actual results may vary.

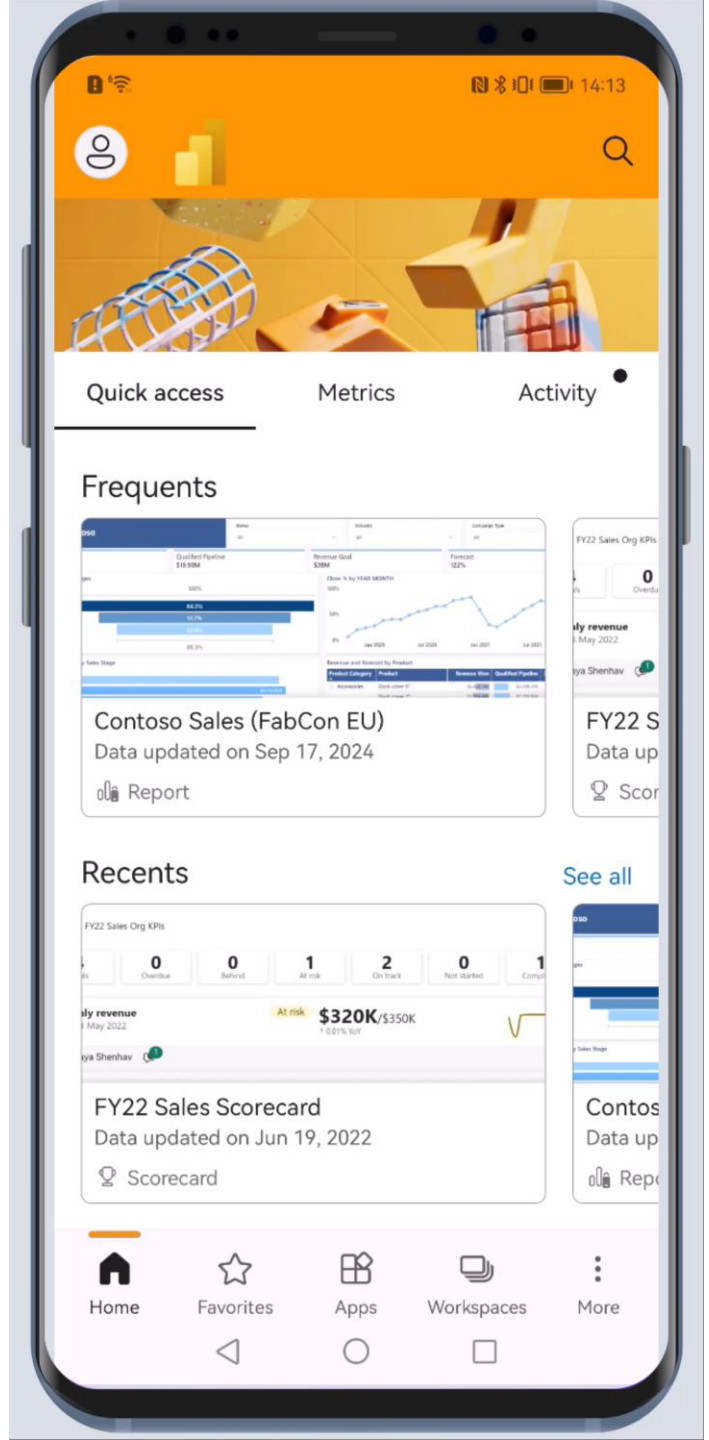
Copilot

- Fabric provide context specific Copilots, including
  - Copilot for Data Factory
  - Copilot for Data Science and Data Engineering
  - Copilot for Data Warehouse
  - Copilot for Real-Time Intelligence
  - Copilot for SQL database
- We will focus on Copilot for Power BI

Copilot for Power BI

“Consumer” experiences

- Create report Copilot
- Copilot powered narrative visual
- Copilot to summarize and ask questions about report/semantic model


14:13
Quick access
Metrics
Activity
Frequents
Contoso Sales (FabCon EU)
Data updated on Sep 17, 2024
Report
Recents
See all
FY22 Sales Org KPIs
0
0
1
2
0
At risk
$320K/$350K
FY22 Sales Scorecard
Data updated on Jun 19, 2022
Scorecard
Home
Favorites
Apps
Workspaces
More

Fabric Data Agent

Chat with your enterprise data in natural language

WHAT IT IS

A Microsoft Fabric AI experience that lets business users ask questions about their data in plain English and get answers grounded in their organization's content — no SQL, no DAX, no report-hopping.

POWERED BY

- Azure OpenAI
- OneLake
- Microsoft Fabric

CONNECTS TO YOUR DATA

- Lakehouse
- Warehouse
- Power BI semantic model
- KQL database

+ SQL database, Mirrored database, Graph model, Ontology, Azure AI Search Index

Natural language Q&A

Ask in plain English; get answers, tables, and charts back.

Grounded in your data

Answers cite the underlying tables, columns, and measures.

Multi-source reasoning

Combine lakehouses, warehouses, and semantic models in one query.

Enterprise-grade security

Inherits Fabric workspace permissions, RLS, and OneLake governance.

Part two

Content Distribution

Topics

- Workspace access
- Apps and org apps
- Subscriptions*
- Sharing
- Secure URL embed/SharePoint Online

* Including setting up alerts

Workspace access

- There are four roles on workspaces
  - Admin
  - Member
  - Contributor
  - Viewer

Workspace access

- There are four roles on workspaces
  - ~~Admin~~
  - ~~Member~~
  - ~~Contributor~~
  - **Viewer**

Workspace access

Viewer role, Fabric (non-Power BI) items

- **View** and **read** content of data pipelines, notebooks, Spark job definitions, ML models and experiments, and eventstreams
- **View** and **read** content of KQL databases, KQL query-sets, and real-time dashboards
- **Connect** to SQL analytics endpoint of Lakehouse or the Warehouse
- **Read** Lakehouse and Data warehouse data and shortcuts with T-SQL through TDS endpoint
- **View** execution output of data pipelines, notebooks, ML models and experiments

Workspace access

Viewer role, Power BI items

- **View** and **interact** with an item
- **Read** data that's stored in workspace dataflows
- **Create** subscriptions to reports
- Can **receive** subscriptions created by others

Apps and org apps

- The best way to organize and distribute content for consumers

Feature ↓	Apps	Org apps
Status	GA	Public Preview (GA planned Q2 2026)
Type	Power BI items	Power BI & Fabric items
# of apps	1	Multiple
# of audiences	25	Coming
Content	Power BI reports, Paginated reports, and links	Power BI reports, Notebooks, Real-Time Dashboards, and links
Customization	Limited options, e.g. 22 colors	More options, including custom colors
Access propagation	Works for items in app workspace	Works across workspaces, also include automatically revocation (semantic models)
Share options	Creators can share	Creators can share, and consumers can reshare (*if allowed*)

Subscriptions

- Get email with Power BI/Paginated report (or dashboard)
- Setup delivery frequence – once a day (after refresh), hourly, daily, weekly, monthly
- Send to one or more emails, also external emails
- Attach report
  - Power BI report in PDF or PowerPoint
  - Paginated repot in XML, csv, PDF, Excel, Word, or PowerPoint
- Optionally, create dynamic subscriptions with personalized report to each recipient

Configure alerts in Power BI reports

- Utilize Activator which is part of Real-Time Intelligence
- Create alerts on individual visualizations
- Specify rules, e.g. *alert me when sales become greater than 80% of target*
- Act by sending Teams message, Email, invoke Power Automate flow, or execute Fabric item

- Ability to create advanced rules, like *only alert me when number of customers* ***has been below 50*** *for* ***2 hours***

Sharing – Fabric and Power BI items

- Fabric items for consumers
  - E.g. Notebooks and Real-time dashboards, Org apps
- Most Fabric items can be shared, but are “backend” items
  - E.g. Lakehouse, Warehouse, Data pipeline

- Power BI
  - E.g. Reports & Semantic models

Sharing – general options to read content

Sharing option	Meaning
People in your organization	Everyone in the organization will have access to the item. Does not work for external or guest users
People with existing access	Generate a link to people who already has access to the item. No permissions is granted
Specific people	Allow to specify who to share item with



Sharing, additional permissions – a few examples



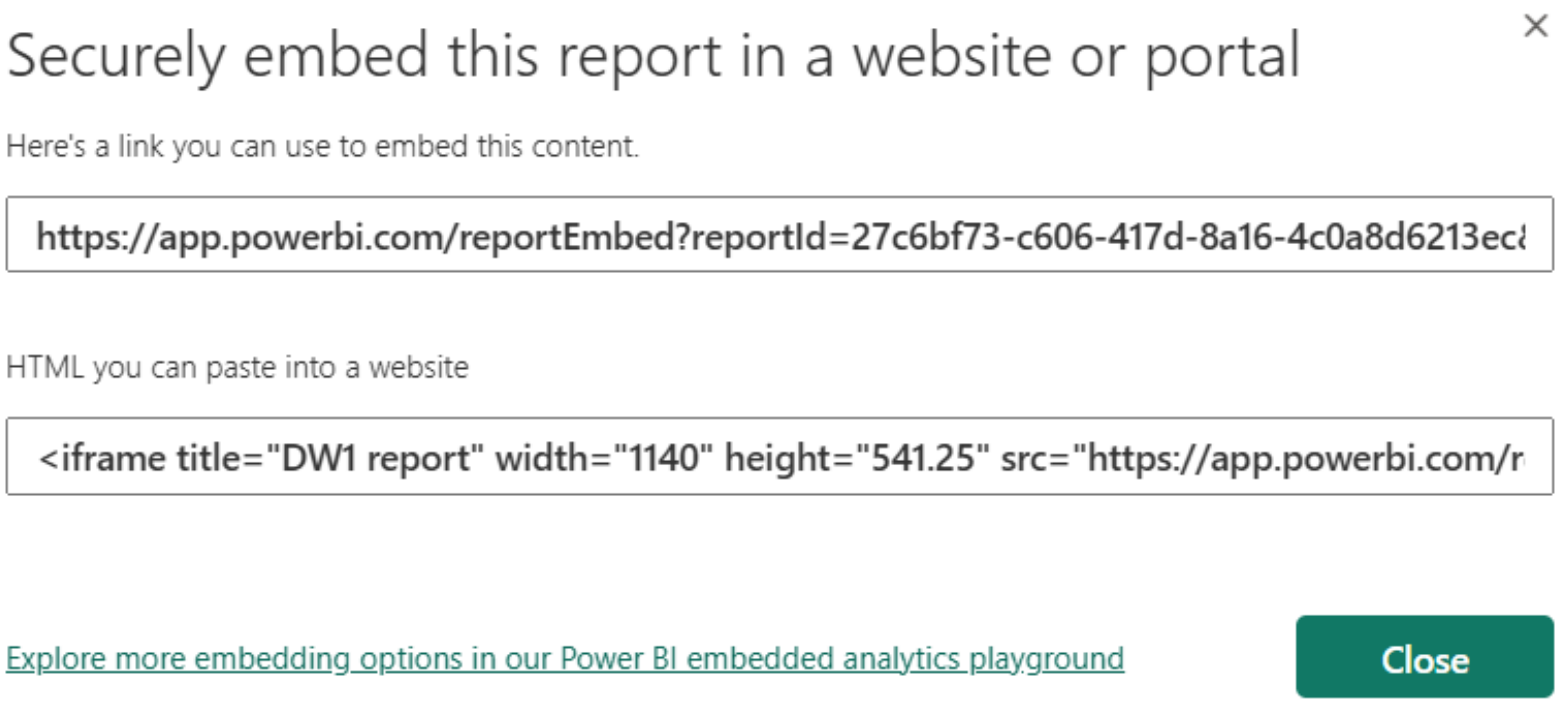
- Notebook
  - Share (reshare)
  - Edit
  - Run
- Power BI report
  - Share (reshare)
  - Build permission
- Semantic model
  - Modify (write)
  - Share (reshare)
  - Build permission

Secure URL embed/SharePoint Online

- Options to share reports without requiring consumers to go to Power BI Service

Secure URL embed

- Works with Power BI reports and Paginated reports
- Link directly to report or embed to webpage using HTML



Secure URL embed

- Works with Power BI reports and Paginated reports
- Link directly to report or embed to webpage using HTML
- Customize URL to set filters and/or page name
- Consumers need view permission to the reports

Home
Create
Browse
OneLake
Apps
Metrics
Monitor
Workspaces
Demo sharing
Demo Sharing ...
Org app demo
Power BI

Pages

Report

Table

Power BI

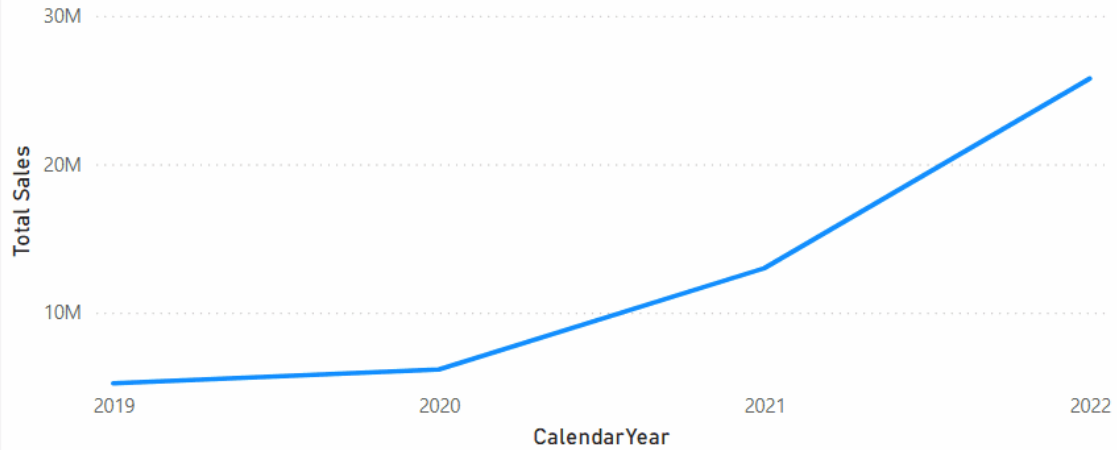
CategoryName, Subcate...

- Accessories
- Clothing
- Furniture

Measure for visual

- (•) Total Sales
- ( ) Total Profit
- ( ) Total Profit Margin
- ( ) Total Cost
- ( ) Total Orders

Total Sales by CalendarYear



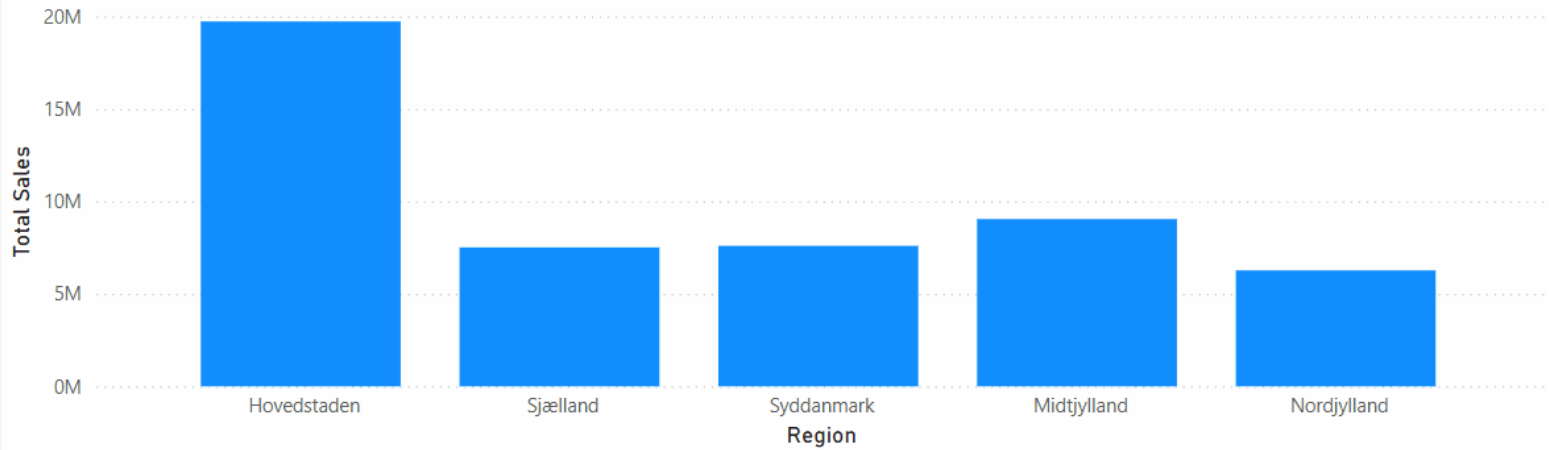
Region

Filter by keyword

50M
Total Sales

22M
Total Profit

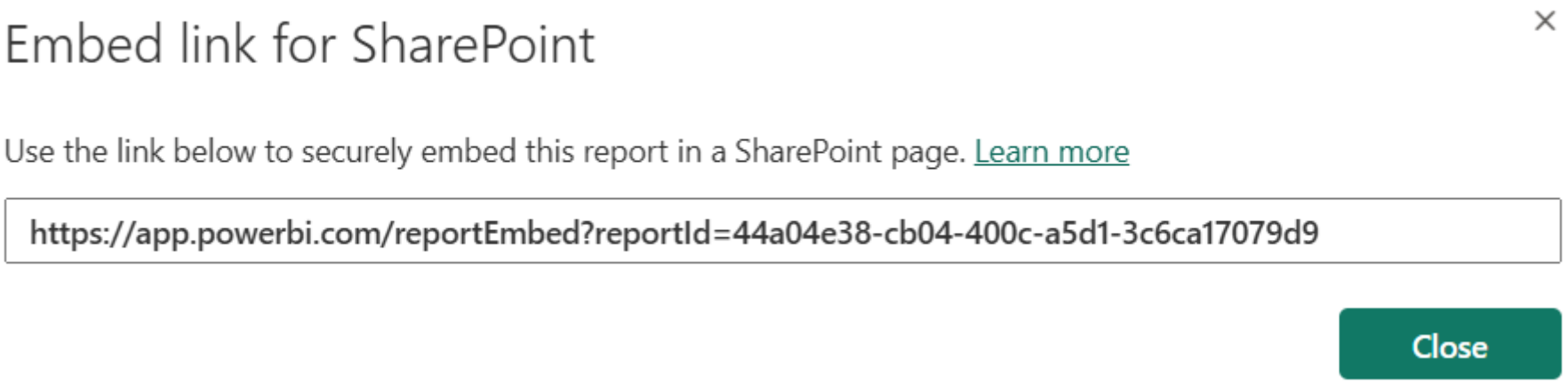
Total Sales by Region



Filters

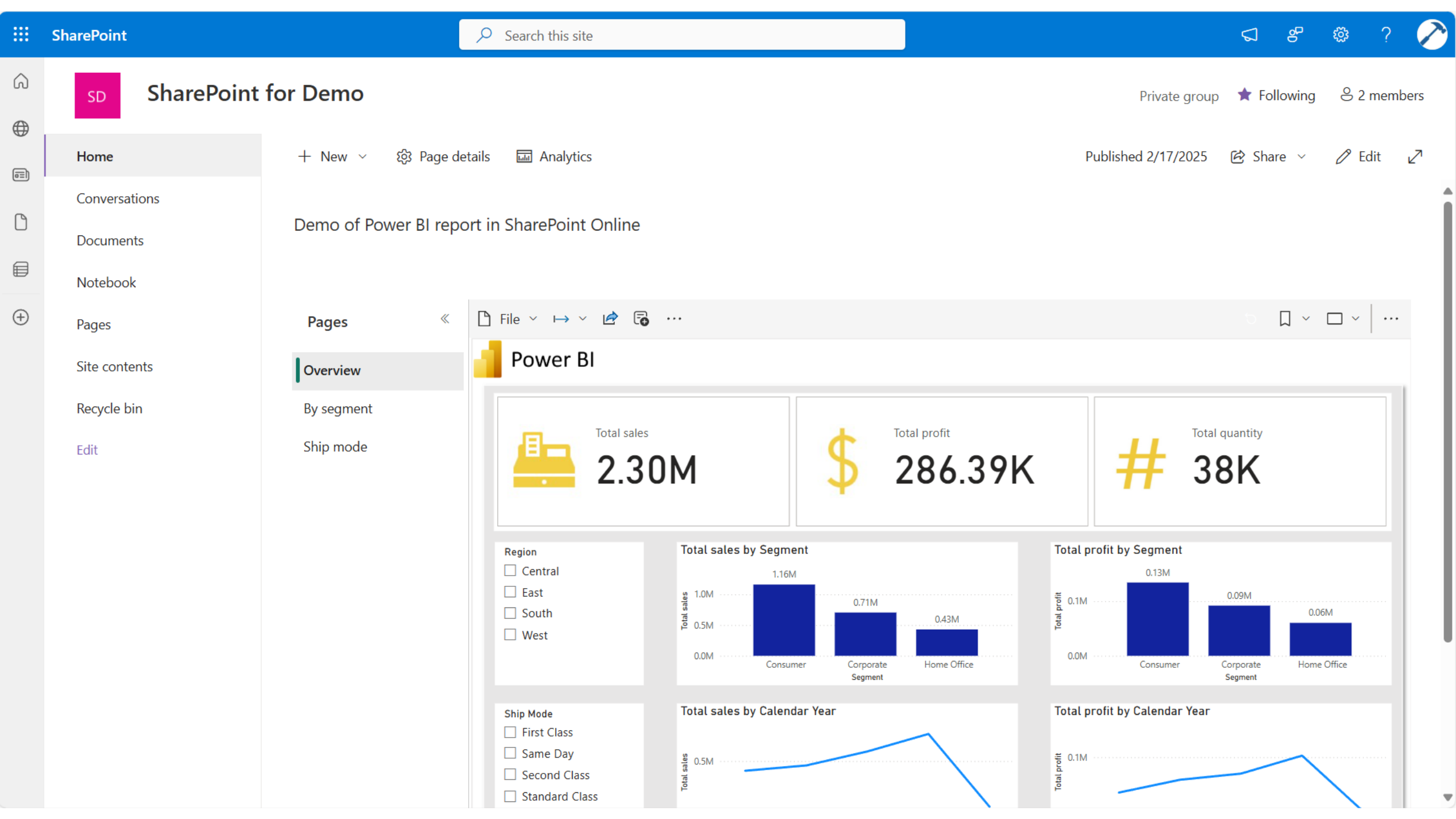
SharePoint Online

- Works with Power BI reports
- Power BI web part for SharePoint Online modern pages



SharePoint Online

- Works with Power BI reports
- Power BI web part for SharePoint Online modern page
- Consumers need view permission to the reports


SharePoint
Search this site
SD
SharePoint for Demo
Private group
Following
2 members
Home
Conversations
Documents
Notebook
Pages
Site contents
Recycle bin
Edit
New
Page details
Analytics
Published 2/17/2025
Share
Edit
Demo of Power BI report in SharePoint Online
Pages
Overview
By segment
Ship mode
File
Power BI
Total sales
2.30M
Total profit
286.39K
Total quantity
38K
Region
Central
East
South
West
Total sales by Segment
1.16M
0.71M
0.43M
1.0M
0.5M
0.0M
Total sales
Consumer
Corporate
Home Office
Segment
Total profit by Segment
0.13M
0.09M
0.06M
0.1M
0.0M
Total profit
Consumer
Corporate
Home Office
Segment
Ship Mode
First Class
Same Day
Second Class
Standard Class
Total sales by Calendar Year
0.5M
Total sales
Total profit by Calendar Year
0.1M
Total profit

3

Part three

Contextual Experiences

Topics

- Power BI Mobile apps
- Power BI in PowerPoint
- Power BI in Teams
- Power BI in Excel

Power BI Mobile apps

Drive a data culture



Decision makers

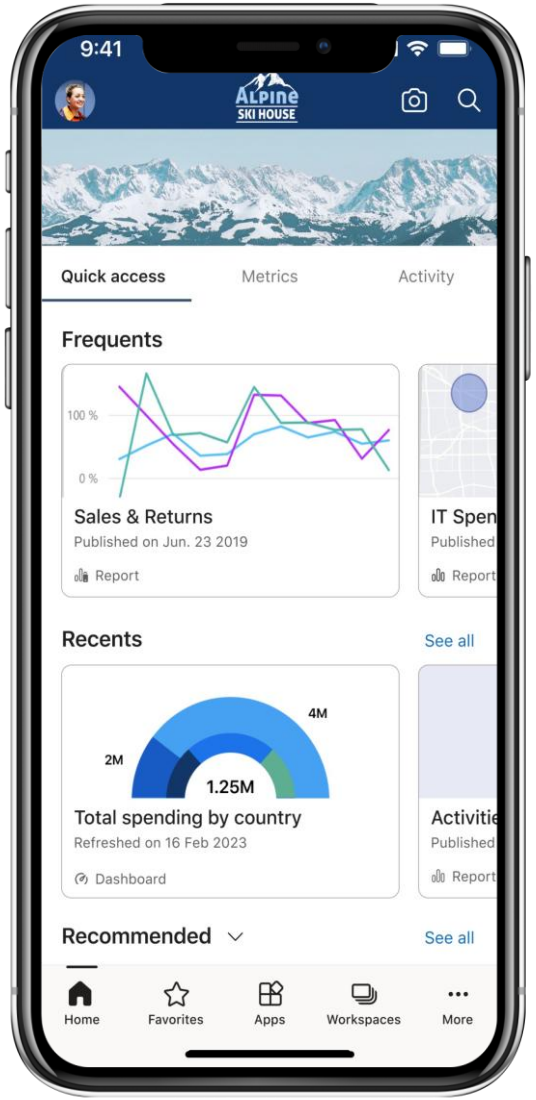


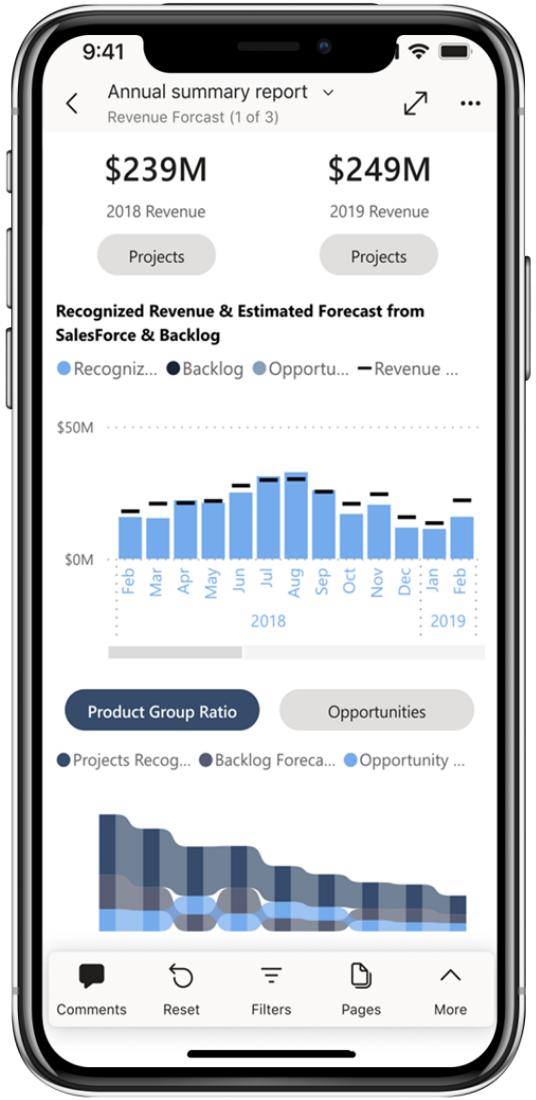
On the go

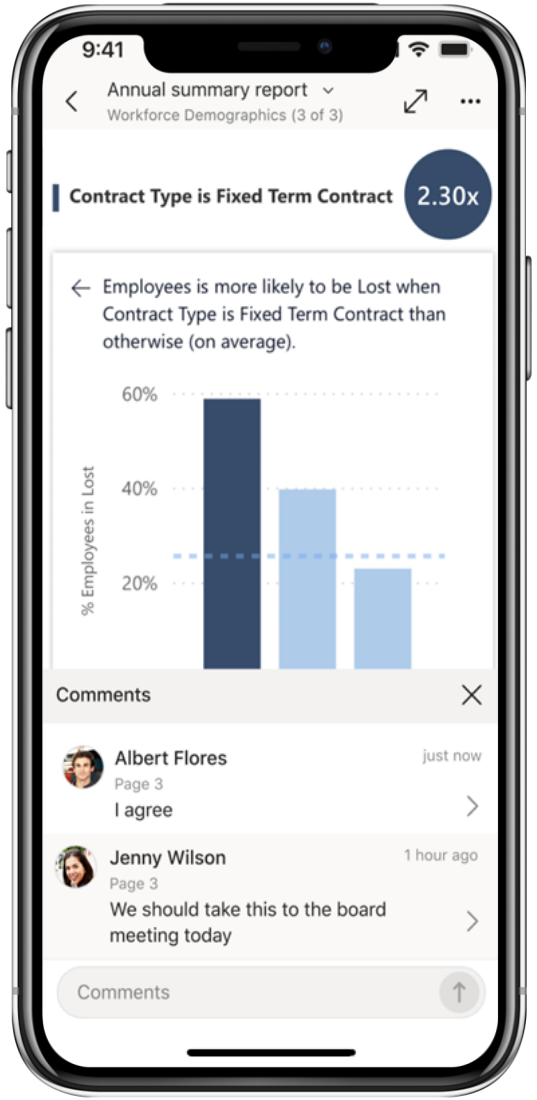


Beyond the office boundaries

Mobile optimized experiences



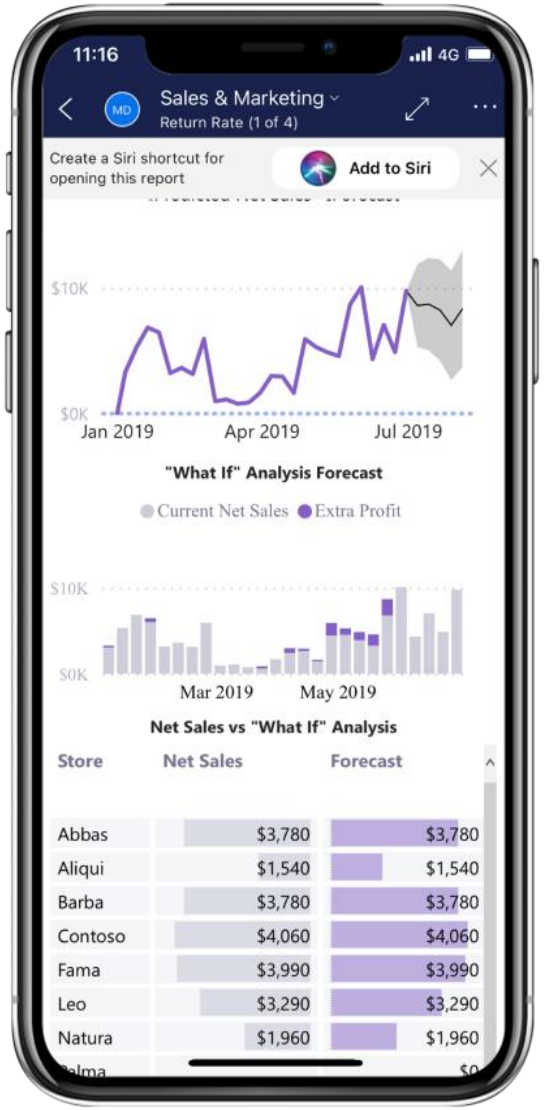




Mobile first experiences



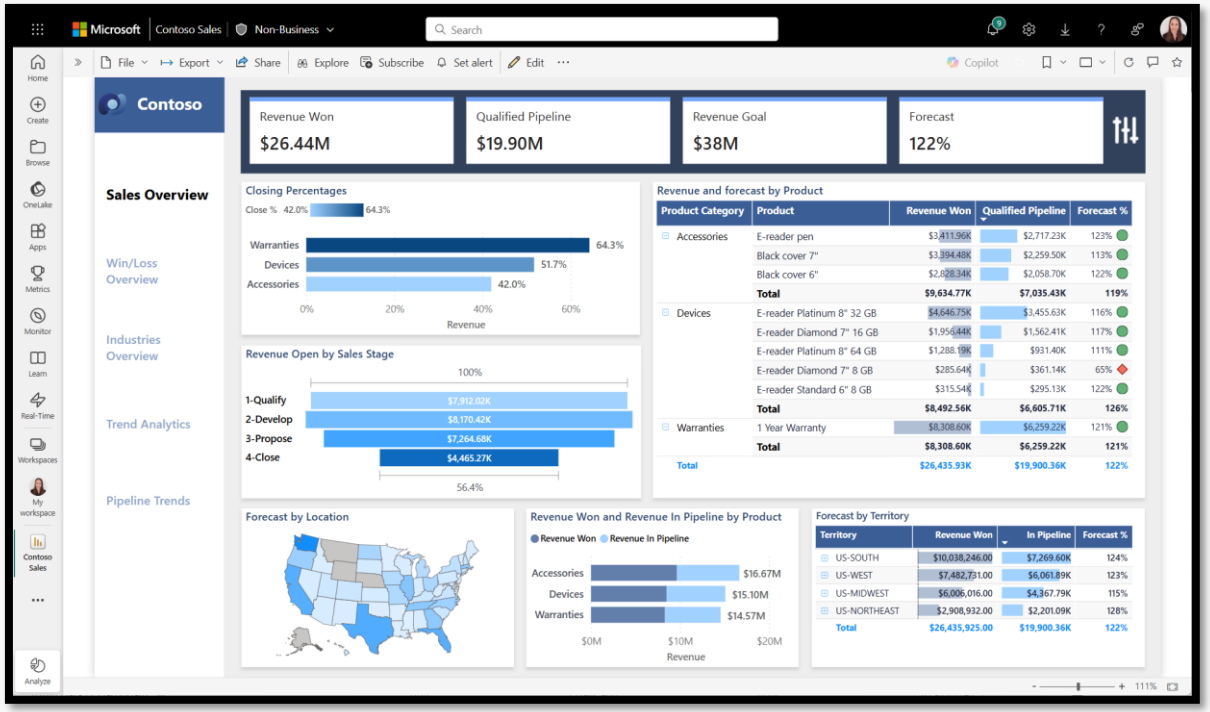




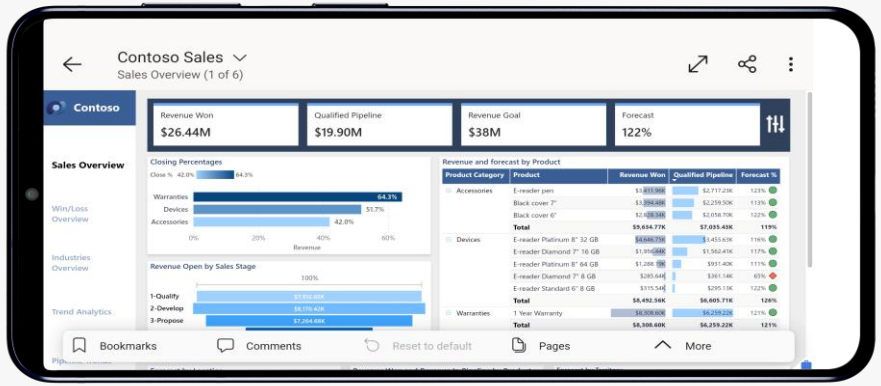
Mobile Layout – Quick Overview

Creating mobile layout for report is **optional**.

Reports page **without** a mobile layout



Service



Landscape



Portrait

The Power couple



Enhance your PowerPoint presentations by integrating them with Power BI to create dynamic, data-rich slides.

This effective combination enables you to engage your audience with real-time data insights and visually appealing visualizations, ensuring your presentations are both informative and captivating.

Power BI in PowerPoint



The data is live and up-to-date, boosting your productivity when you need to prepare to a recurring meeting.



The data is interactive, enabling you to react instantly and address questions raised while you are presenting.



The presentation becomes a central hub where you can curate set of Power BI content from various workspaces and apps.

Power BI in PowerPoint and Continuous slideshow



A continuous PowerPoint slideshow loops slides until stopped, perfect for audiences arriving at different times.



Used in Kiosk mode for public displays.



Integrate Power BI with PowerPoint to monitor KPIs and display them centrally, boosting transparency and shared priorities.

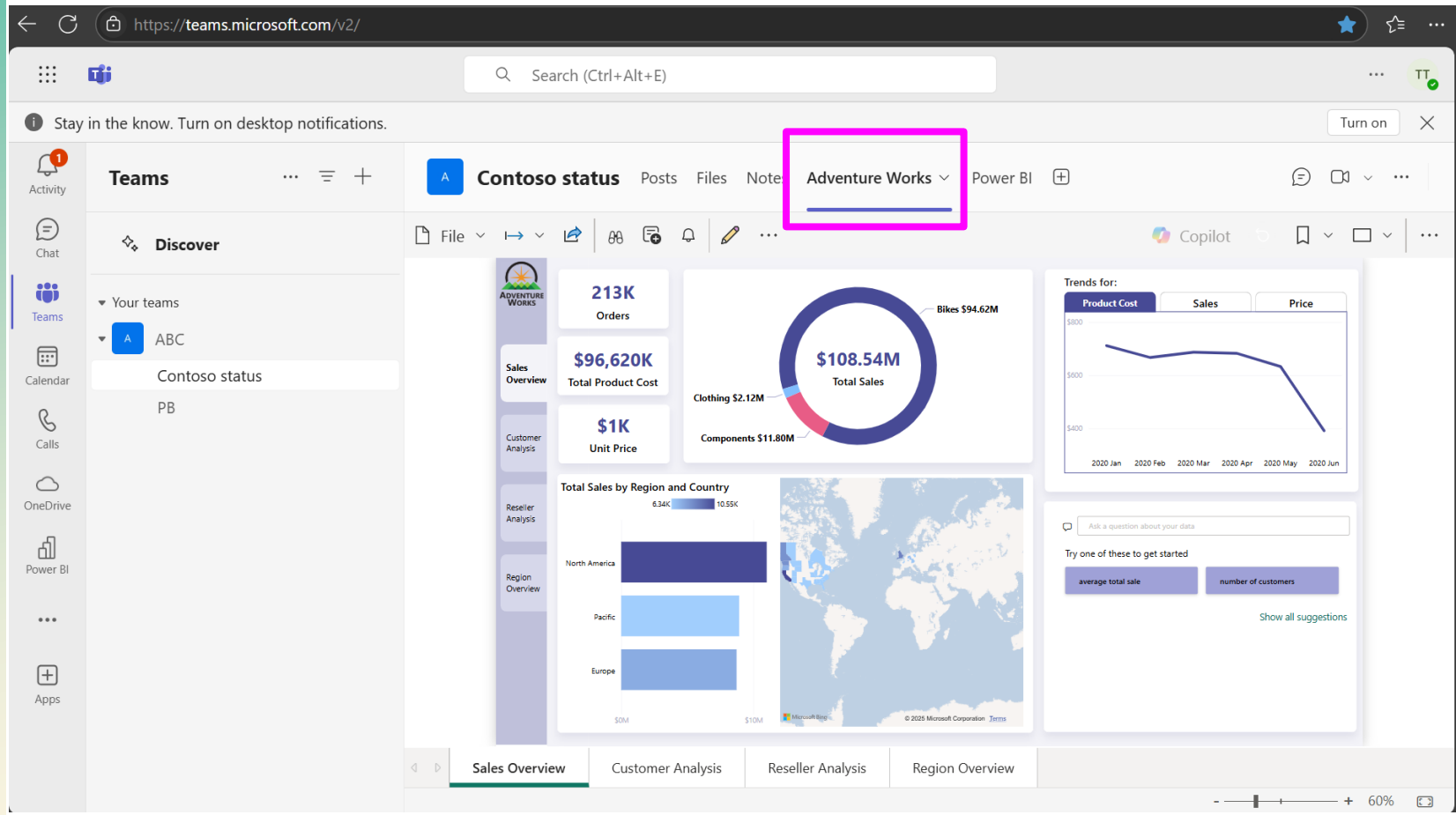
Power BI in Teams | Overview

Power BI is integrated in Teams in multiple experiences, allowing users to apply insights from Power BI to their teamwork and communication

Power BI in Tabs

Add a Power BI item (report, app etc.) to a chat or channel as a tab.

Incorporate data into your daily collaboration to ensure it is easily accessible and contextually appropriate.

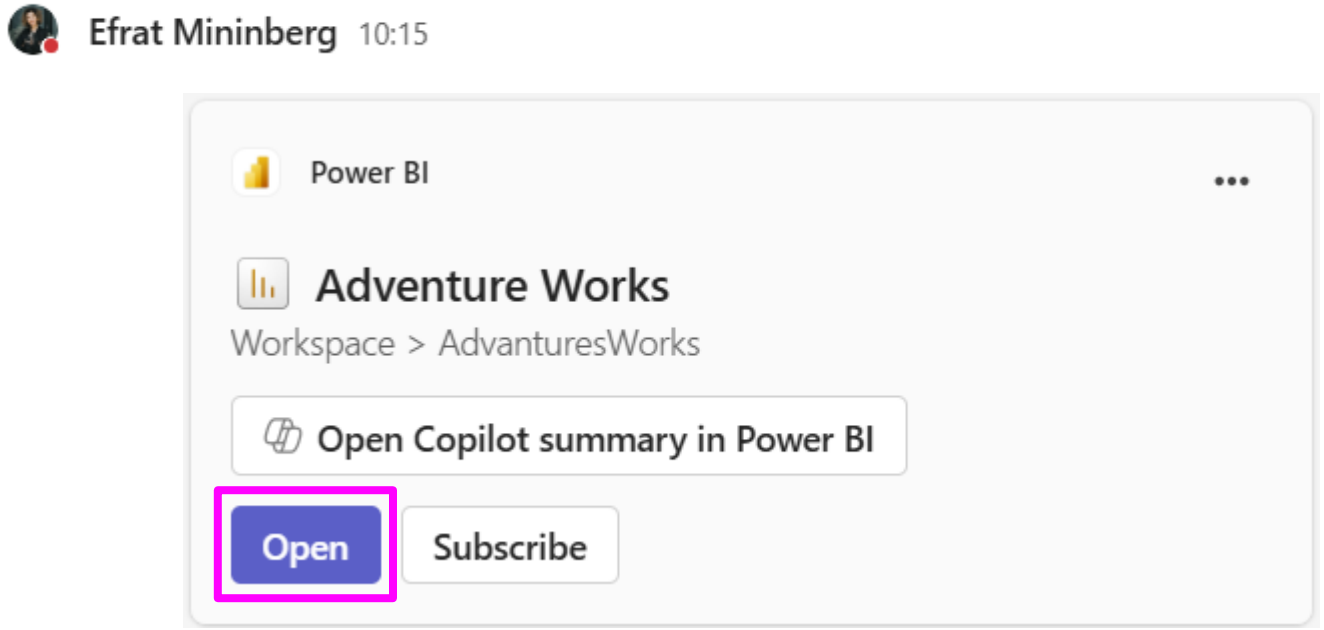


Power BI link

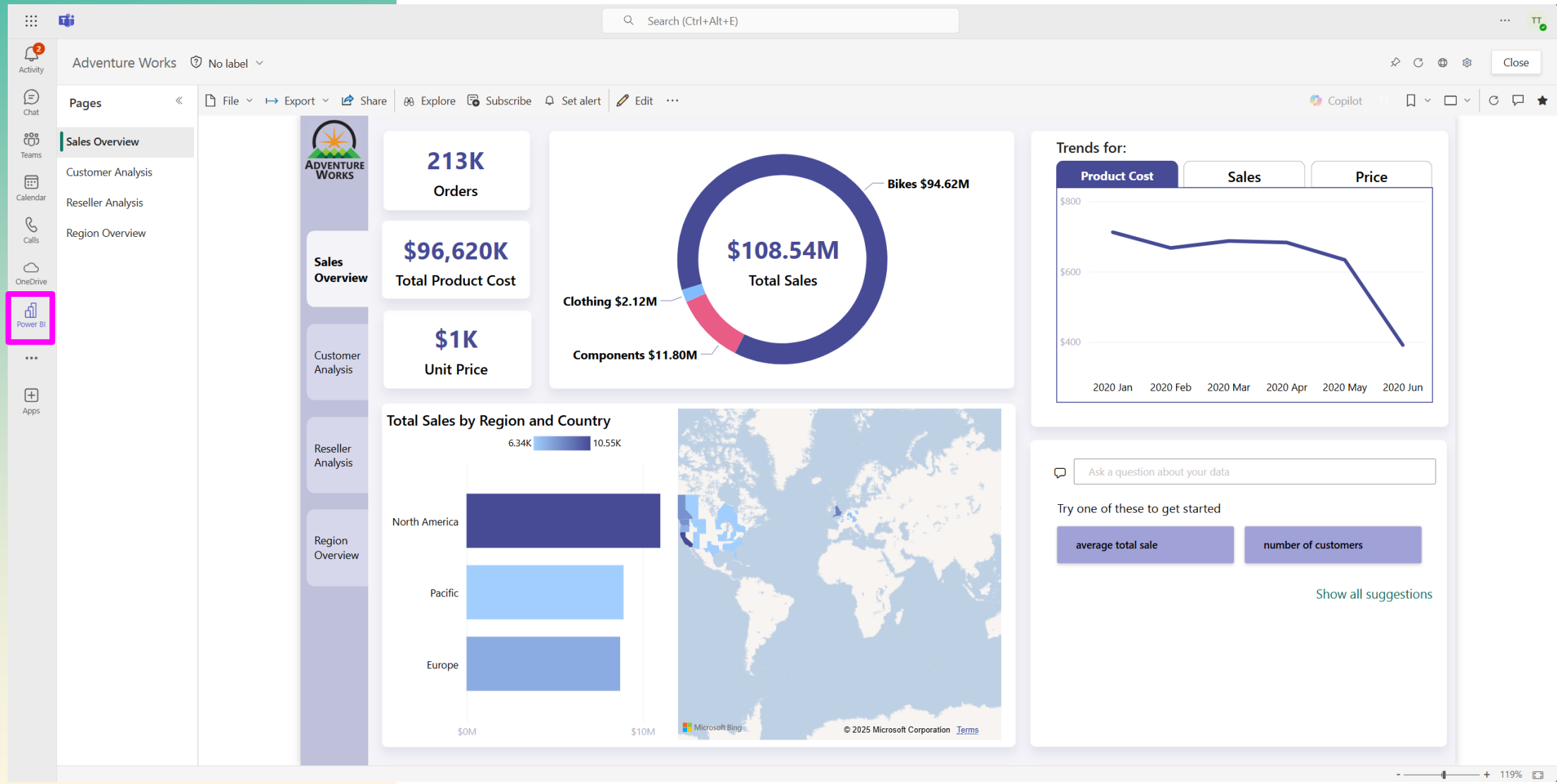
Send a Power BI link via chat/channel in Teams.

Access Power BI items easily through a link preview card with specific shortcut buttons.

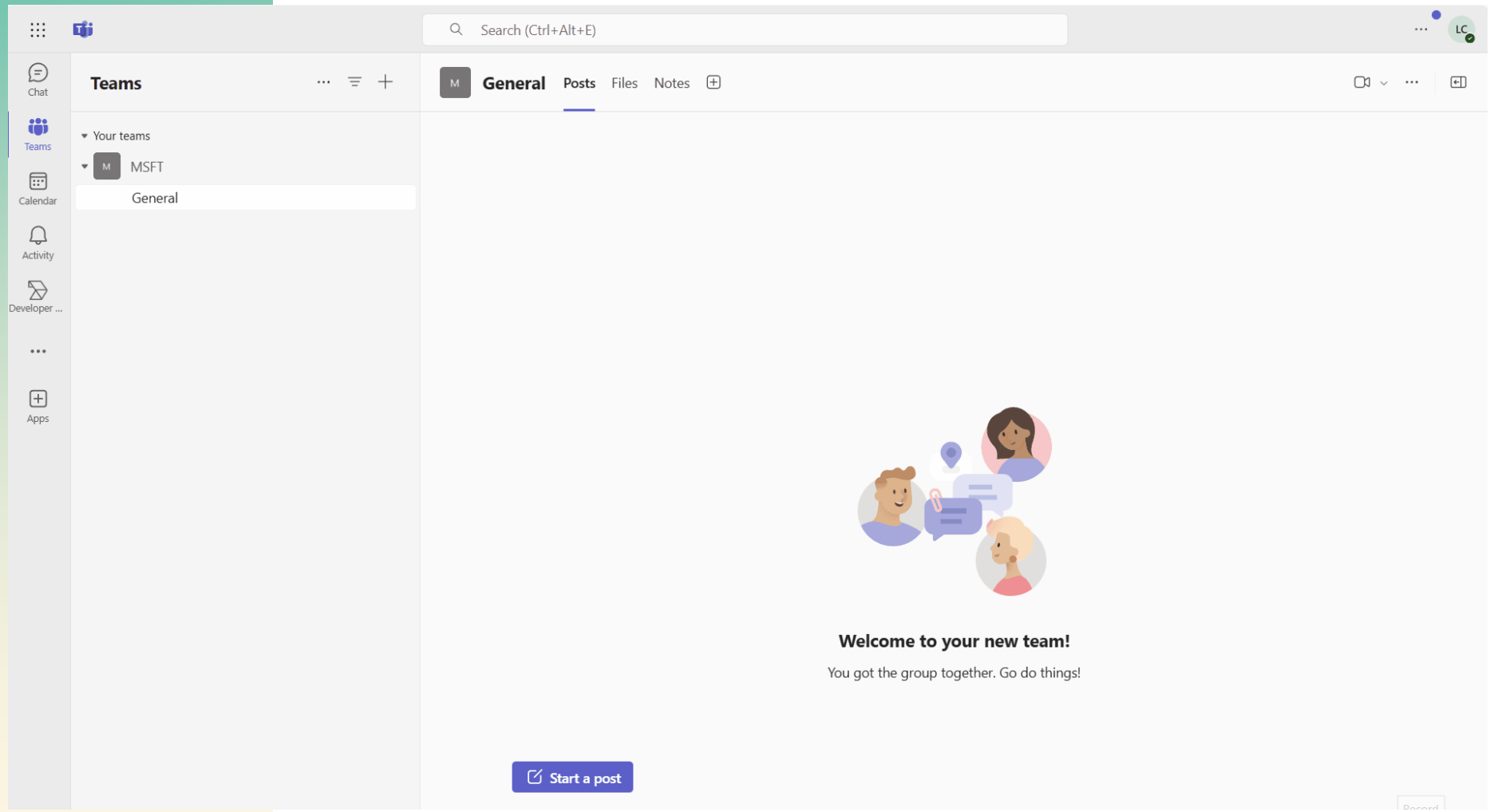
Users can access Power BI items without leaving their primary work environment.



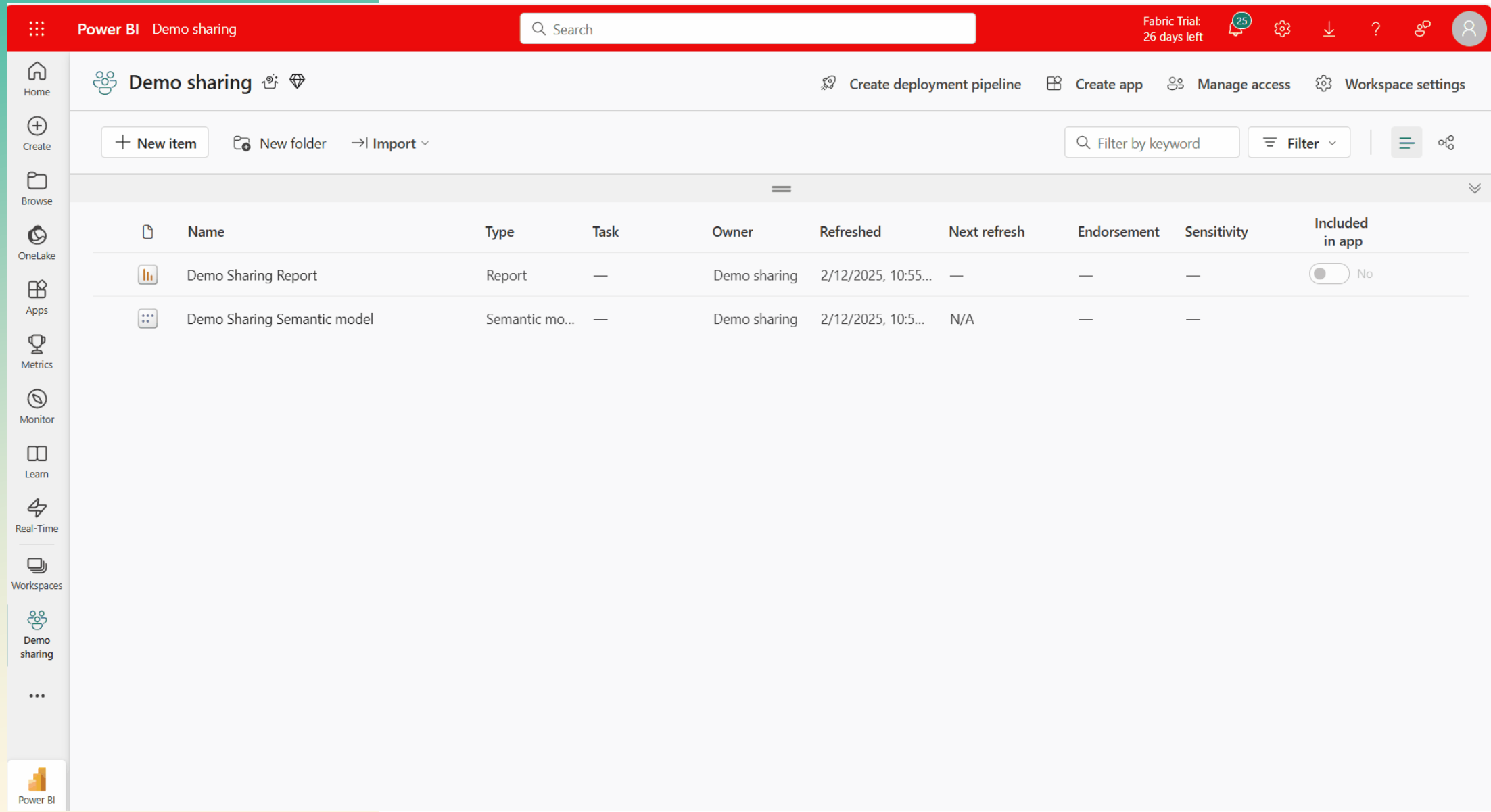
Power BI app


Search (Ctrl+Alt+E)
Activity
Chat
Teams
Calendar
Calls
OneDrive
Power BI
Apps
Adventure Works
No label
Close
Pages
Sales Overview
Customer Analysis
Reseller Analysis
Region Overview
File
Export
Share
Explore
Subscribe
Set alert
Edit
Copilot
ADVENTURE WORKS
Sales Overview
Customer Analysis
Reseller Analysis
Region Overview
213K
Orders
$96,620K
Total Product Cost
$1K
Unit Price
$108.54M
Total Sales
Bikes $94.62M
Clothing $2.12M
Components $11.80M
Trends for:
Product Cost
Sales
Price
$800
$600
$400
2020 Jan
2020 Feb
2020 Mar
2020 Apr
2020 May
2020 Jun
Total Sales by Region and Country
6.34K
10.55K
North America
Pacific
Europe
$0M
$10M
Microsoft Bing
© 2025 Microsoft Corporation
Terms
Ask a question about your data
Try one of these to get started
average total sale
number of customers
Show all suggestions
119%

Report in meeting invite



Excel


Power BI
Demo sharing
Search
Fabric Trial:
26 days left
25
Demo sharing
Create deployment pipeline
Create app
Manage access
Workspace settings
New item
New folder
Import
Filter by keyword
Filter
Name
Type
Task
Owner
Refreshed
Next refresh
Endorsement
Sensitivity
Included in app
Demo Sharing Report
Report
—
Demo sharing
2/12/2025, 10:55...
—
—
—
No
Demo Sharing Semantic model
Semantic mo...
—
Demo sharing
2/12/2025, 10:5...
N/A
—
—
Home
Create
Browse
OneLake
Apps
Metrics
Monitor
Learn
Real-Time
Workspaces
Demo sharing
Power BI



Feedback

