

SQL Saturday 2025 - Toronto



Fabric for Power BI Professionals

Ashraf Ghonaim, Microsoft MVP, MCT



Toronto Data Professionals Community (TDPC)



SQL Saturday (#1131)

Our Sponsors



Toronto Data Professionals Community (TDPC)



SQL Saturday (#1131)

Community Support

[Toronto Data Professionals Community \(TDPC\)](#), one of the largest data professional's community in Toronto, host monthly event which offers interactive learning built by community and guided by trusted data experts.

TDPC Event Partners



Toronto Data Professionals Community (TDPC)



SQL Saturday (#1131)

Ashraf Ghonaim



Microsoft®
Most Valuable
Professional

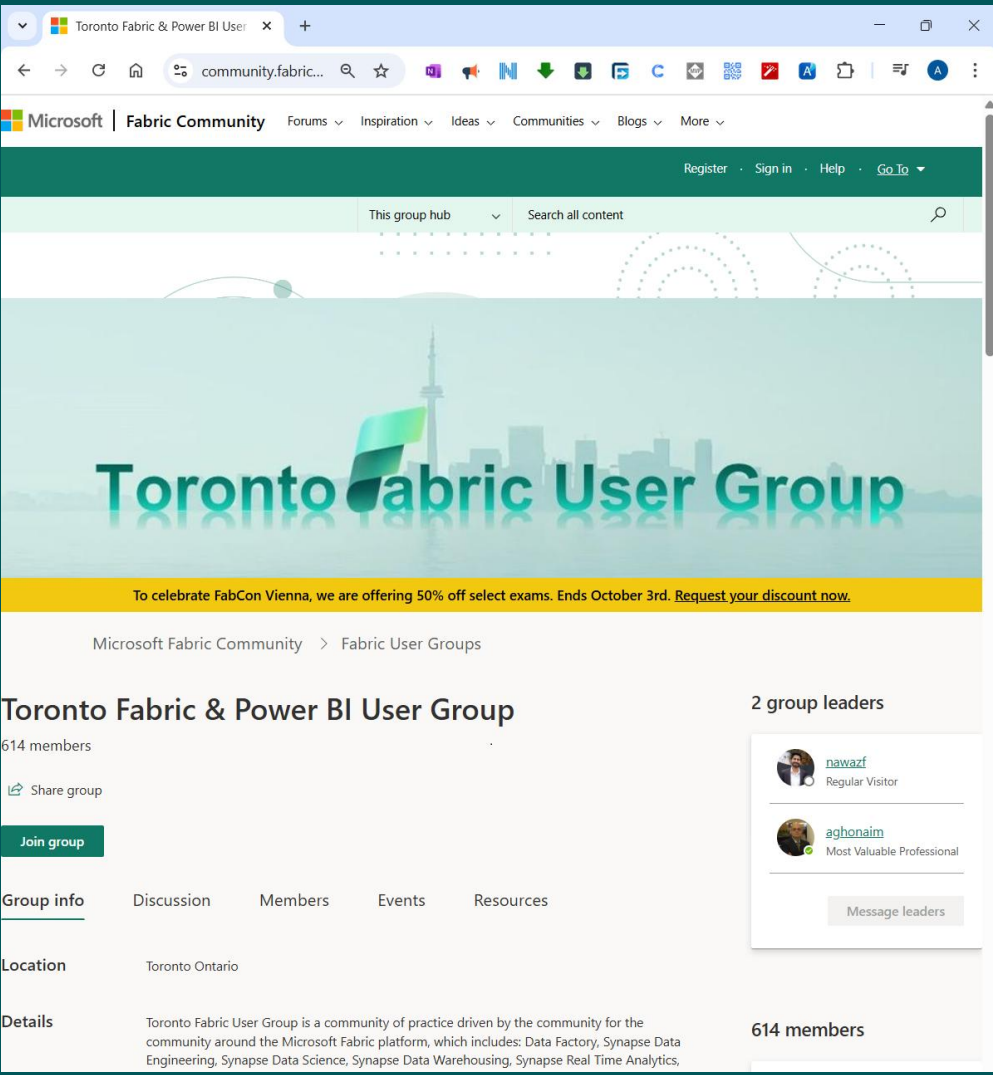


Award Categories
Data Platform

- 25+ in-depth and hands-on experience in leveraging Data Analytics and AI in Strategy Management, Performance Measurement and Process Improvement.
- Roles: Strategy Management & Analytics Consultant, Performance Management Consultant, Strategy Management Officer, Process Improvement Consultant, Instructor & Trainer
- Microsoft Most Valuable Professional MVP in Data Platform (Fabric & Power BI) since 2018 (only 3 in Canada, 11 in North America, and 72 worldwide)
- Co-author of the [Power BI MVP Book](#) and the [Microsoft AI MVP Book](#)
- The Leader of Toronto Fabric & Power BI User Group
- Frequent Data and Analytics events organizer and public speaker
- MBA in Strategy Management with special focus on IT-Business Strategic Alignment
- Lean Six Sigma Black Belt (LSSBB), Certified Project Management Professional (PMP), Balanced Scorecard Professional (BSC)
- Microsoft Certified Trainer (MCT) and teaches Data & Analytics courses at the University of Calgary, Canada
- Microsoft Certified: Fabric Analytics Engineer Associate
- Microsoft Certified: Fabric Data Engineer Associate
- Microsoft Certified: Power BI Data Analyst Associate



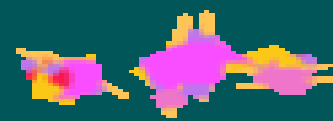
Toronto Fabric & Power BI User Group



The screenshot shows the Microsoft Fabric Community website for the Toronto Fabric & Power BI User Group. The page features a header with navigation options like 'Microsoft | Fabric Community', 'Forums', 'Inspiration', 'Ideas', 'Communities', 'Blogs', and 'More'. Below the header is a search bar and a navigation menu. The main content area displays the group name 'Toronto Fabric User Group' in large green letters, with a background image of the Toronto skyline. A yellow banner below the title reads: 'To celebrate FabCon Vienna, we are offering 50% off select exams. Ends October 3rd. Request your discount now.' Below this, the page shows the group's name 'Toronto Fabric & Power BI User Group', the number of members '614 members', and a 'Join group' button. On the right side, there is a section for '2 group leaders' with profile pictures and names: 'nawazf' (Regular Visitor) and 'aghonaim' (Most Valuable Professional). At the bottom, there is a 'Message leaders' button. The page also includes a 'Group info' section with tabs for 'Discussion', 'Members', 'Events', and 'Resources', and a 'Location' section listing 'Toronto Ontario'. A 'Details' section at the bottom provides a description of the group: 'Toronto Fabric User Group is a community of practice driven by the community for the community around the Microsoft Fabric platform, which includes: Data Factory, Synapse Data Engineering, Synapse Data Science, Synapse Data Warehousing, Synapse Real Time Analytics.'



<https://is.gd/8tATvM>





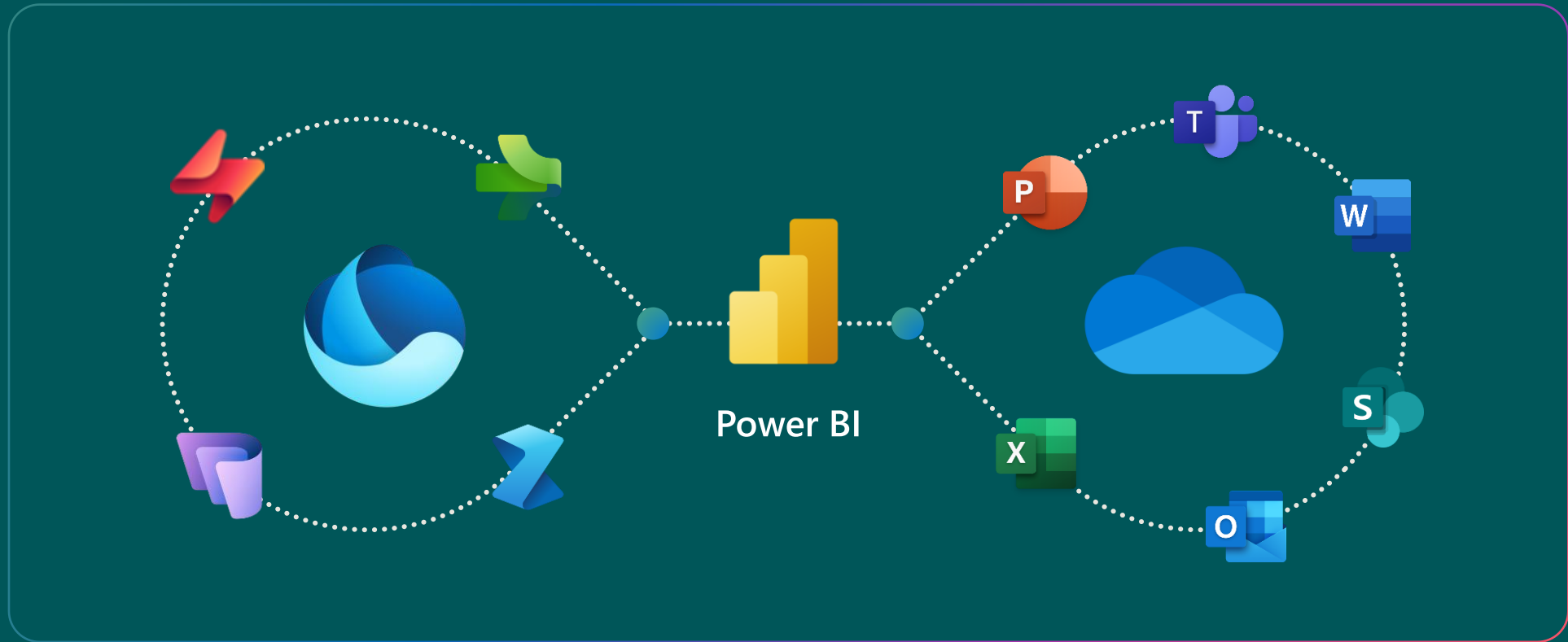
Microsoft Fabric

VS

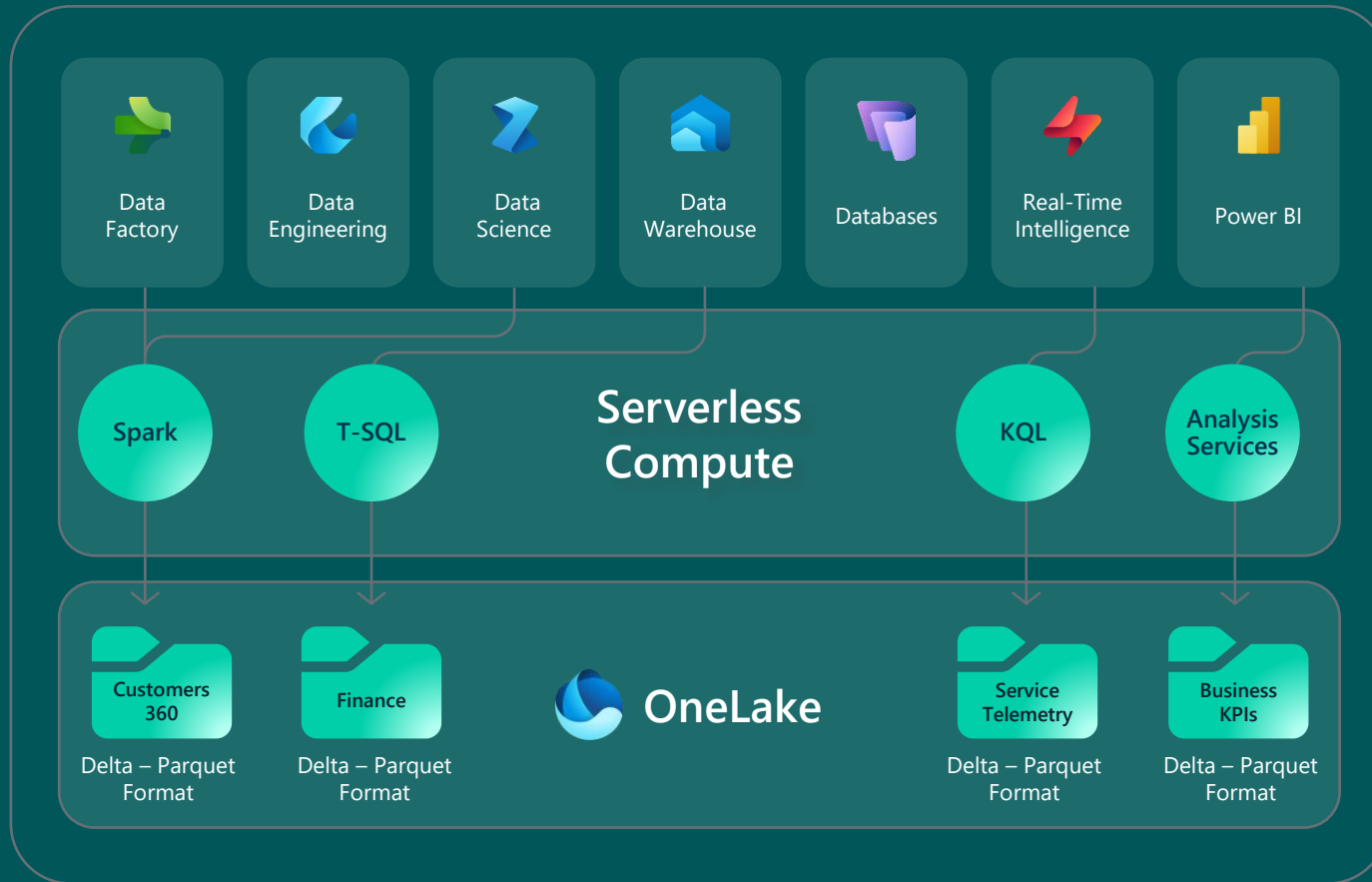


Microsoft Power BI

Power BI is the bridge between business users and Fabric data professionals



One copy for all computes



All the compute engines store their data automatically in OneLake as data items.

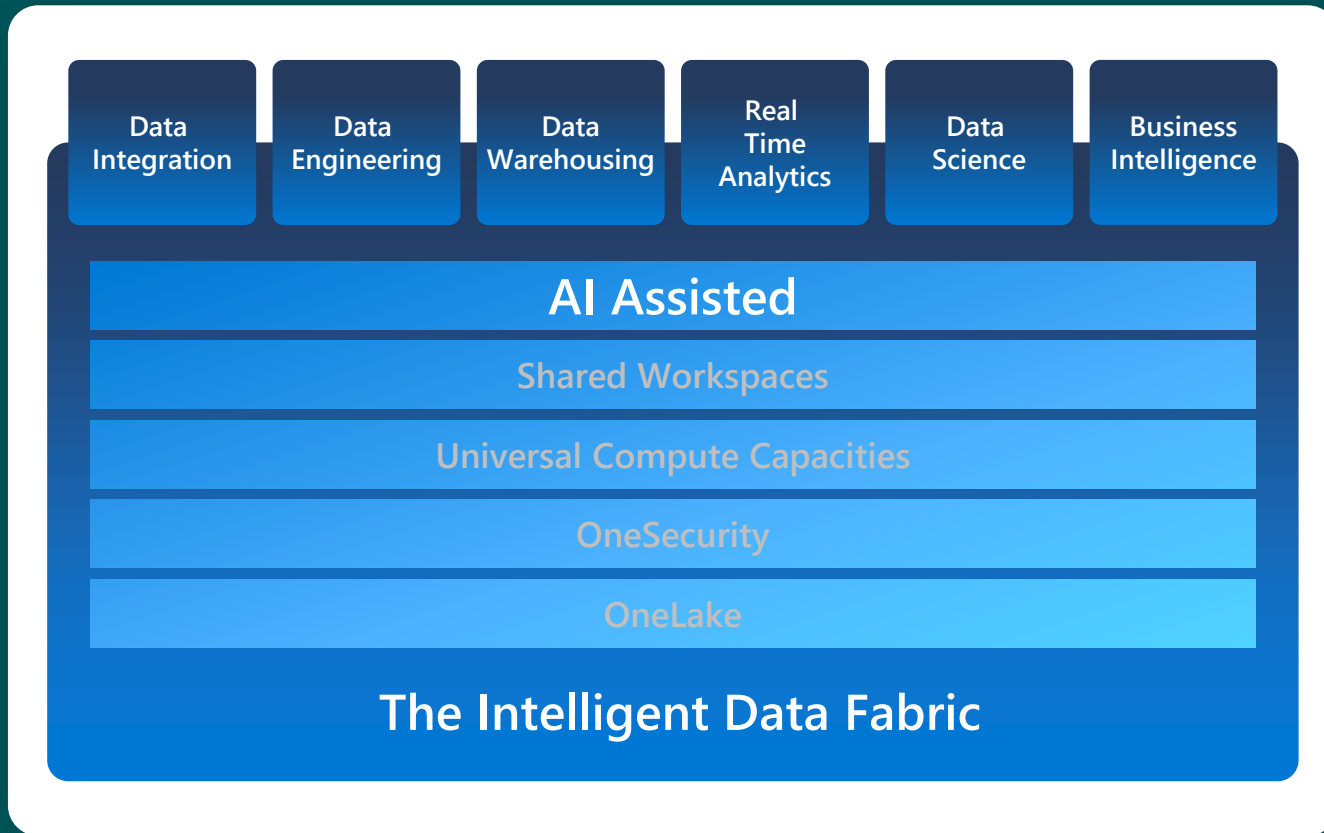
The data is stored in a single common format.

Delta – Parquet, an open standards format, and it is the storage format for all tabular data in Fabric.

All the compute engines have been fully optimized to work with Delta Parquet as their native format.

What is new in Power BI in Fabric

AI Assisted Creation in Microsoft Fabric



The Fabric platform includes built-in generative AI capabilities in the form of intelligent assistants we call Copilots.

The first GPT-based feature is already shipping in Power BI - NL2DAX – DAX calculation creation based on natural language prompts.

Ongoing major ramp-up for pervasive AOAI based product-wide AI assistance.

Project Dashboard | Data Uploaded: 1/26/2023 12:00:00 AM

Summary

\$1.4bn

Revenue

Goal: \$1,332M

YoY Change: 1.6%

\$372M

Backlog

12.4%

Gross Profit Margin

Goal: 5.3%

YoY Change: 9.7%

\$510M

Opportunities

Revenue | Gross Margin

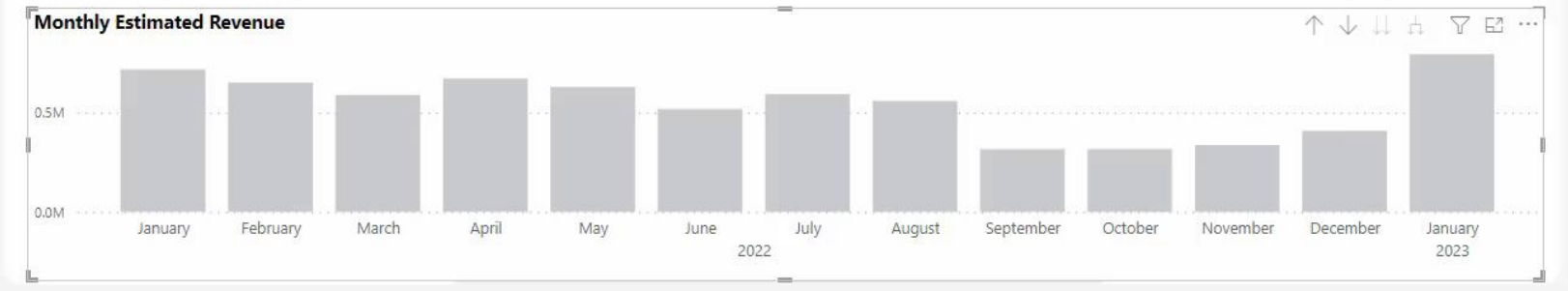
Revenue: ● Below Budget ● Above Budget — Budget

Revenue vs Budget by Operations Team

Team	Revenue
Offshore	\$493.14M
Channel Management	\$253.35M
Service	\$225.01M
Subsea & New Energy	\$169.93M
Onshore Processing	\$140.92M
Power & Water	\$127.31M

Operations Breakdown

Project	Revenue	Manager
Channel Management	\$253.35M	Mark Holtz
Offshore	\$493.14M	Maria Hong
Onshore Processing	\$140.92M	Marshall Hoisin...
Power & Water	\$127.31M	Maria Hong
Service	\$225.01M	Mark Holtz
Subsea & New Energy	\$169.93M	Maria Hong



Currency: US Dollars



Chat

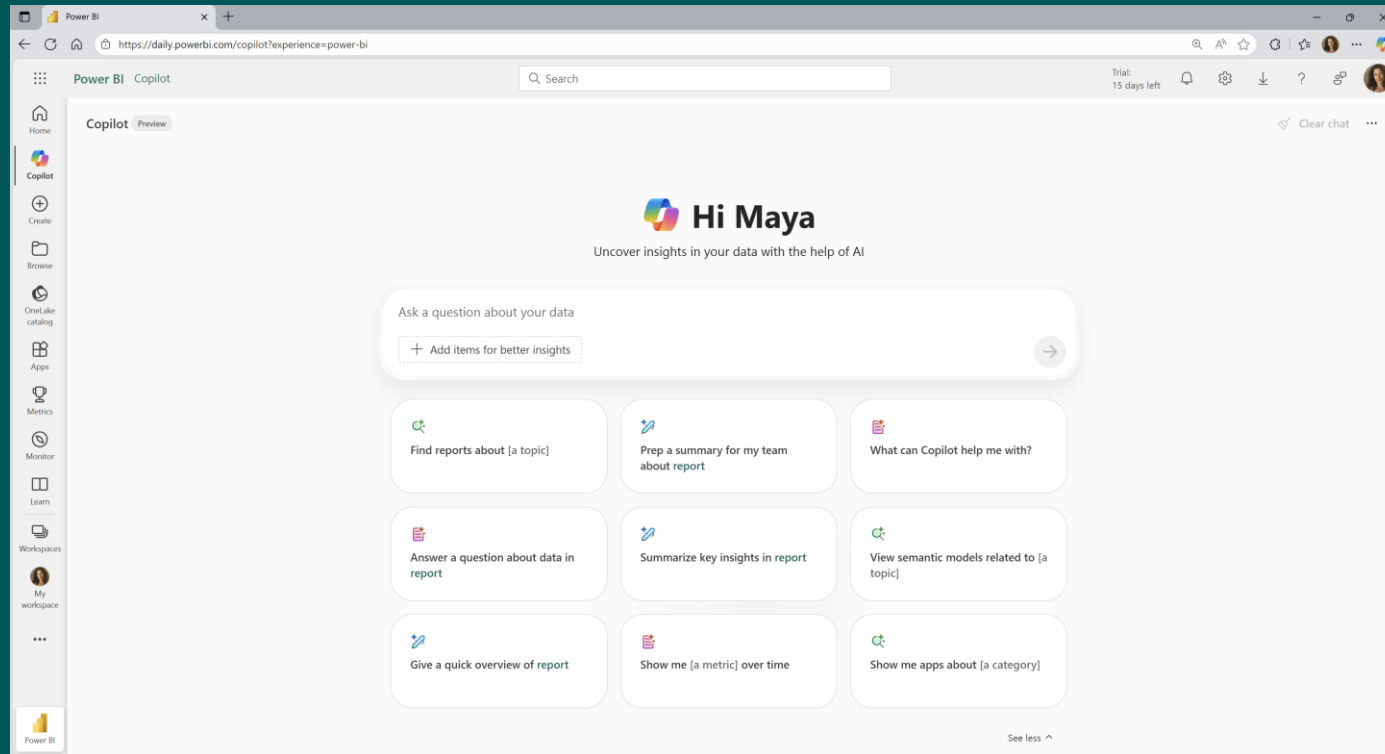
Power BI Copilot: Chat with your data

Built on existing reports, semantic models, apps & data agents

Interactive visual results without switching context

AI-enabled ad-hoc analysis for "single version of the truth"

Specify custom instructions & curated visual answers to business questions



Preparing for AI

Demo

Public Preview

- Schema selection: configure which columns Copilot can and can't use
- Verified answers: set specific answers to questions to help ground your data
- AI instructions: Tell Copilot instructions on how to reference and talk about your data

Spending per trip (PP)

\$1.45K

Arrivals per month

947.84K



Add relationships from Copilot (preview) If you're done adding synonyms, keep improving Q&A results with relationship suggestions. Content created by AI may not be accurate, so review it carefully. [Read terms](#)

[Add relationships](#)

Ask a question about your data

Try one of these to get started

- what is the average trip length by
- top trip purpose details by number of



Visual has pending changes. [Refresh](#)

Spending Per Trip (PP) Overview:

- General Figures:**
 - The average spending per trip per person (PP) across all islands is \$1,453.37 ¹.
 - Year-over-Year (YoY) increase for spending per trip is 0.64% ².
- Island Comparisons:**
 - Maui has the highest spending per trip PP at \$1,750.45, which is **206.98% higher** than Moloka'i, the lowest at \$570.22 ³ ⁴.

Created with AI. Inaccuracies are possible. [Read terms](#)

Visualizations

Build visual

Filters

Values

Add data fields here

Drill through

Cross-report On Off

Keep all filters On Off

Add drill-through fields here

Data

Search

- Expenditure Statistics
- Island Weather
- Islands
- Major Market Areas
- Months
- Test Measures
- Trip Purpose Statistics

Chat with your data

Demo

Public Preview

- Workspace auto-selection
- New zero prompts experience to get you started quickly and easily
- LLM generated item descriptions
- New item picker for a more focused analysis.



Hi Tori

Uncover insights in your data with the help of AI

Ask a question about your data

+ Add items for better insights ▾



Find reports about [a topic]



Prep a summary for my team about **report**



What can Copilot help me with?

See more ▾

дякую
ขอบคุณครับ
감사합니다
متشكراً
Teşekkürler
Dank u Wel
благодаря
Dakujem
ευχαριστώ
Grazie
Děkuji
Thank
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Dziękuję
நன்றி
Salamat Po
شكراً
Danke
谢谢
Hvala
Kiitos
Mulțumesc
спасибо
Obrigado
شكريه
Cám ơn
Tack
Köszönöm
ありがとうございます
Gracias
Terima Kasih
You!

Toronto Fabric & Power BI User Group



Microsoft | Fabric Community

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This group hub Search all content

Toronto Fabric User Group

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Microsoft Fabric Community > Fabric User Groups

Toronto Fabric & Power BI User Group

614 members

Share group



Join group

Group info Discussion Members Events Resources

Location Toronto Ontario

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2 group leaders

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Regular Visitor
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Message leaders

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