



Welcome to Global AI Community Hamburg

#GlobalAIBootcamp

Global AI Bootcamp Hamburg!



Unlocking AI Insights with
Power BI & Fabric –

An End to End solution

Hamburg, 01.03.2025

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Consulting



The logo for VISORIAN, featuring the word "VISORIAN" in a bold, black, sans-serif font. To the left of the text are four vertical bars of increasing height, colored from left to right: orange, teal, light blue, and dark blue.

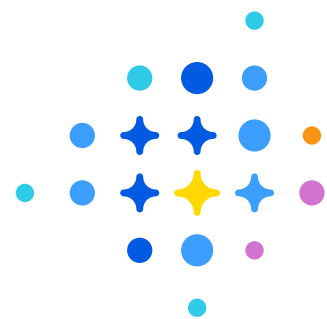
VISORIAN

The logo for HEON, featuring the word "HEON" in a bold, green, sans-serif font. The letter "O" is stylized with a circular arrow inside it.

HEON

The logo for COMLINE SE, featuring the word "COMLINE" in a bold, orange, sans-serif font, followed by "SE" in a smaller, black, sans-serif font inside a dark grey square. Below the text is the tagline "competitive edge through IT-innovations" in a smaller, grey, sans-serif font.

COMLINE SE
competitive edge through IT-innovations



Nordic AI Solutions

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The logo for q.beyond, featuring an orange stylized "Q" icon followed by the text "q.beyond" in a bold, orange, sans-serif font. Below the text is the tagline "expect the next" in a smaller, grey, sans-serif font.

q.beyond
expect the next

Agenda

- Use case scenario
- Task flows to manage your data solution
- Microsoft Fabric overview
- Enabling Copilot in Microsoft Fabric
- ★ DEMO-Time ★
- Copilot in Microsoft Fabric



Microsoft Fabric and Power BI – End to end solution

Use case scenario: Analyzing Sales data from our Stores.

What do we have:

- Sales data (Excel, CSV)

What do we want:

- A place to store data (refresh's)
- Analyze and visualize data
- Track data (monitoring)

= Sustainable solution!



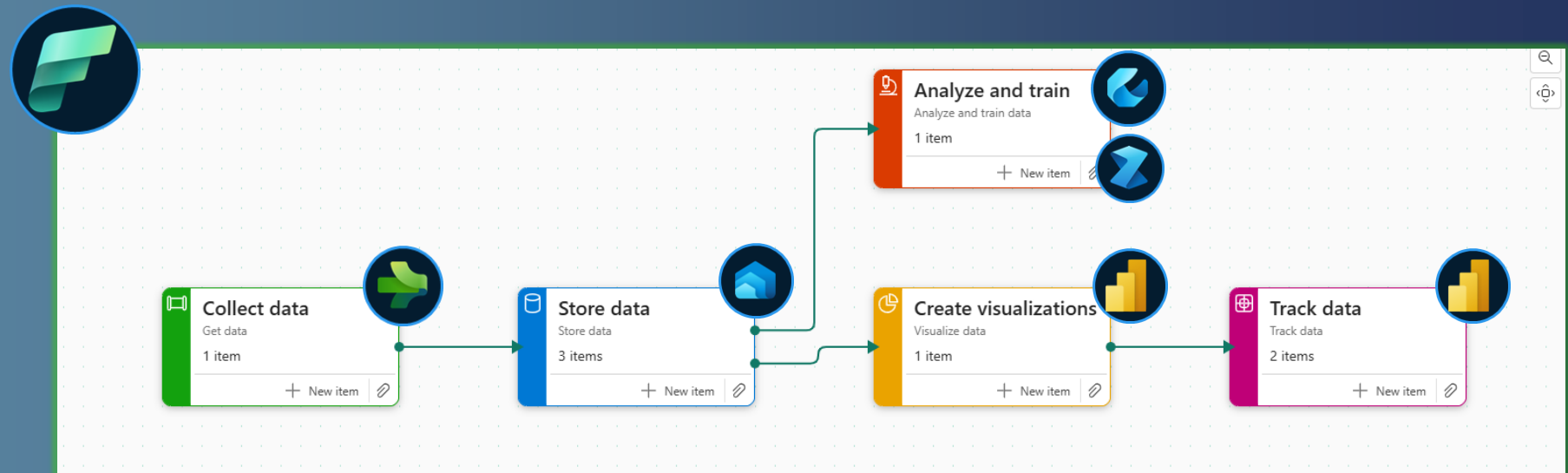
Microsoft Fabric and Power BI – End to end solution

Task flows to manage our data solution

A task flow is a collection of connected tasks that represent relationships in a process or collection of processes that complete an end-to-end data solution.

A workspace has one task flow.

You can either build it from scratch or use one of Fabric's predefined task flows, which you can customize as desired.



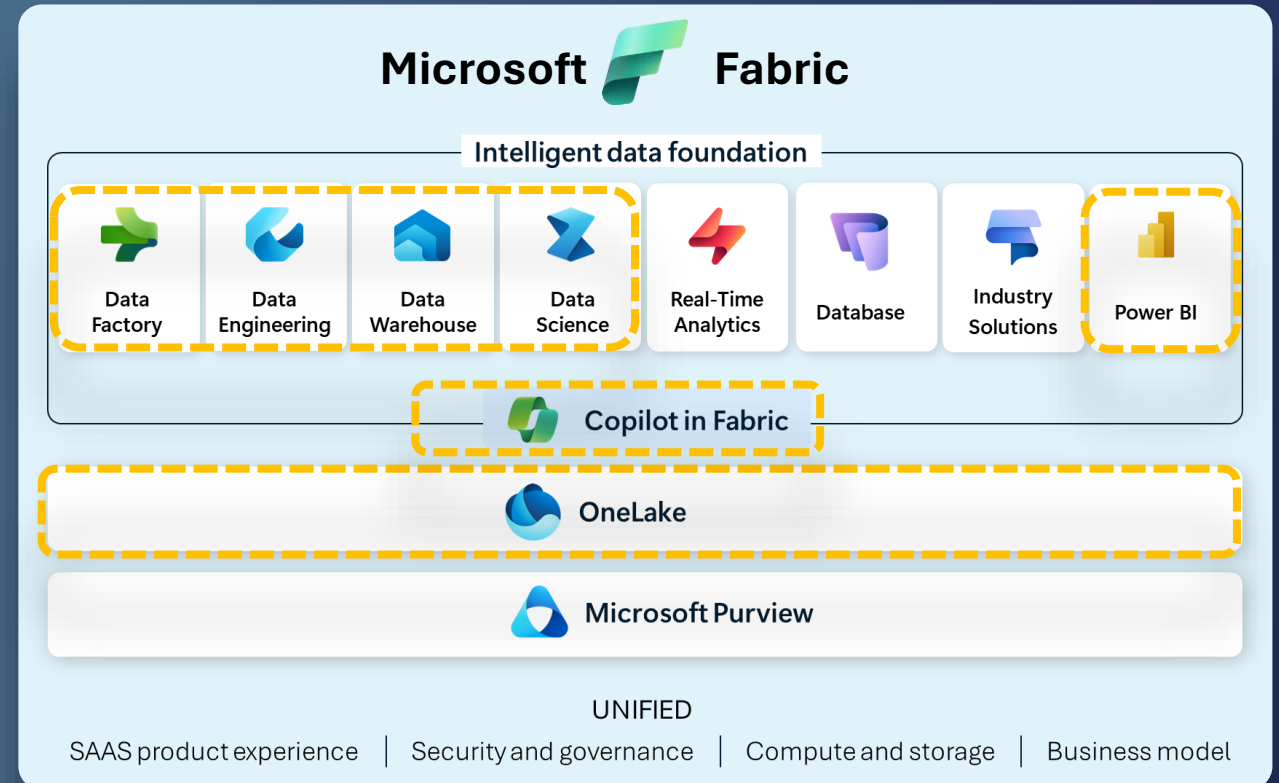
Microsoft Fabric is like a theme park

One Unified Ticket: The All-Access Pass

Microsoft Fabric offers a single subscription (pass) that lets businesses access multiple data services in one place, eliminating the hassle of managing separate tools.

However, just like a theme park, some attractions are included in your base ticket, while others may require an extra fee.

What we will see in today's DEMO.



Enabling Copilot in Fabric

1. Your administrator needs to enable the tenant switch before you can start using Copilot. Administrators can read the article [Copilot tenant settings](#) for details.
2. Your F64 or P1 capacity needs to be in one of the regions listed in this article, [Fabric region availability](#).
3. If your tenant or capacity is outside the US or France, Copilot is disabled by default unless your Fabric tenant admin enables the [Data sent to Azure OpenAI can be processed outside your tenant's geographic region, compliance boundary, or national cloud instance](#) tenant setting in the Fabric Admin portal.
4. Copilot in Microsoft Fabric isn't supported on trial SKUs. Only paid SKUs (F64 or higher, or P1 or higher) are supported.

★ Demo-time ★

DEMO

DEMO

DEMO

DEMO



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Microsoft Fabric Copilot



Capacity: F64 or higher

@K-Borchert

 Data Factory	 Data Engineering	 Data Science	 Data Warehousing	 Real-time Intelligence	 SQL Database	 Power BI
Dataflow Gen2 	Notebooks (Preview) 		Data Warehouse (Preview) 	KQL Queryset (Preview) 	SQL Databases (Preview) 	Report & Semantic Model (Dataset)  
<ul style="list-style-type: none">• Create query• Suggest step• Describe existing query	<ul style="list-style-type: none">• Chat-magics<ul style="list-style-type: none">➤ Main Commands<ul style="list-style-type: none">– Generate code– Translate code languages– Fix errors➤ Configuration Commands➤ Context Commands➤ Detailed Usage• Assist with data analysis tasks• Help create visuals		<ul style="list-style-type: none">• Natural Language to SQL<ul style="list-style-type: none">➤ generate SQL queries using simple natural language questions• Code completion• Quick actions<ul style="list-style-type: none">➤ Quickly fix and explain SQL queries• Intelligent Insights<ul style="list-style-type: none">➤ Receive smart suggestions and insights	<ul style="list-style-type: none">• AI-powered query generation<ul style="list-style-type: none">➤ enhances productivity, reducing the time to build complex queries• Automated query optimization<ul style="list-style-type: none">➤ offers recommendations to improve query performance• Accessibility	<ul style="list-style-type: none">• Chat pane• Code completion• Quick actions<ul style="list-style-type: none">➤ Quickly fix and explain SQL queries	<p>Developer:</p> <ul style="list-style-type: none">➤ Creating new pages➤ Suggest page topics➤ Describing the dataset➤ Answering data questions➤ Summarize data➤ Add Measure description➤ Suggest Q&A synonyms <p>DAX query view:</p> <ul style="list-style-type: none">➤ assist in writing, fixing, or explaining DAX queries➤ explain DAX concepts <p>User:</p> <ul style="list-style-type: none">➤ Identifying Key Metrics➤ Clarifying visuals➤ Exploring data➤ Answering questions➤ Summarizing data

*Unless otherwise specified, data requests are processed in France for Europe and only the metadata!

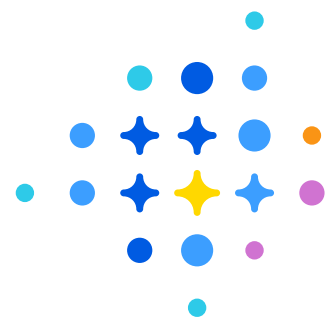
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Key AI Considerations

Purpose	Define clear goals for AI use.
Data	Ensure quality, privacy, and security.
Bias	Test for fairness and mitigate bias.
Transparency	Make AI decisions explainable.
Accountability	Assign responsibility for AI outcomes.
Ethics	Follow principles like fairness and privacy.
Security	Protect AI systems from threats.
Compliance	Follow laws and regulations.
Human Oversight	Keep humans in the loop for critical decisions.
Improvement	Continuously evaluate and update AI.



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Thank you



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