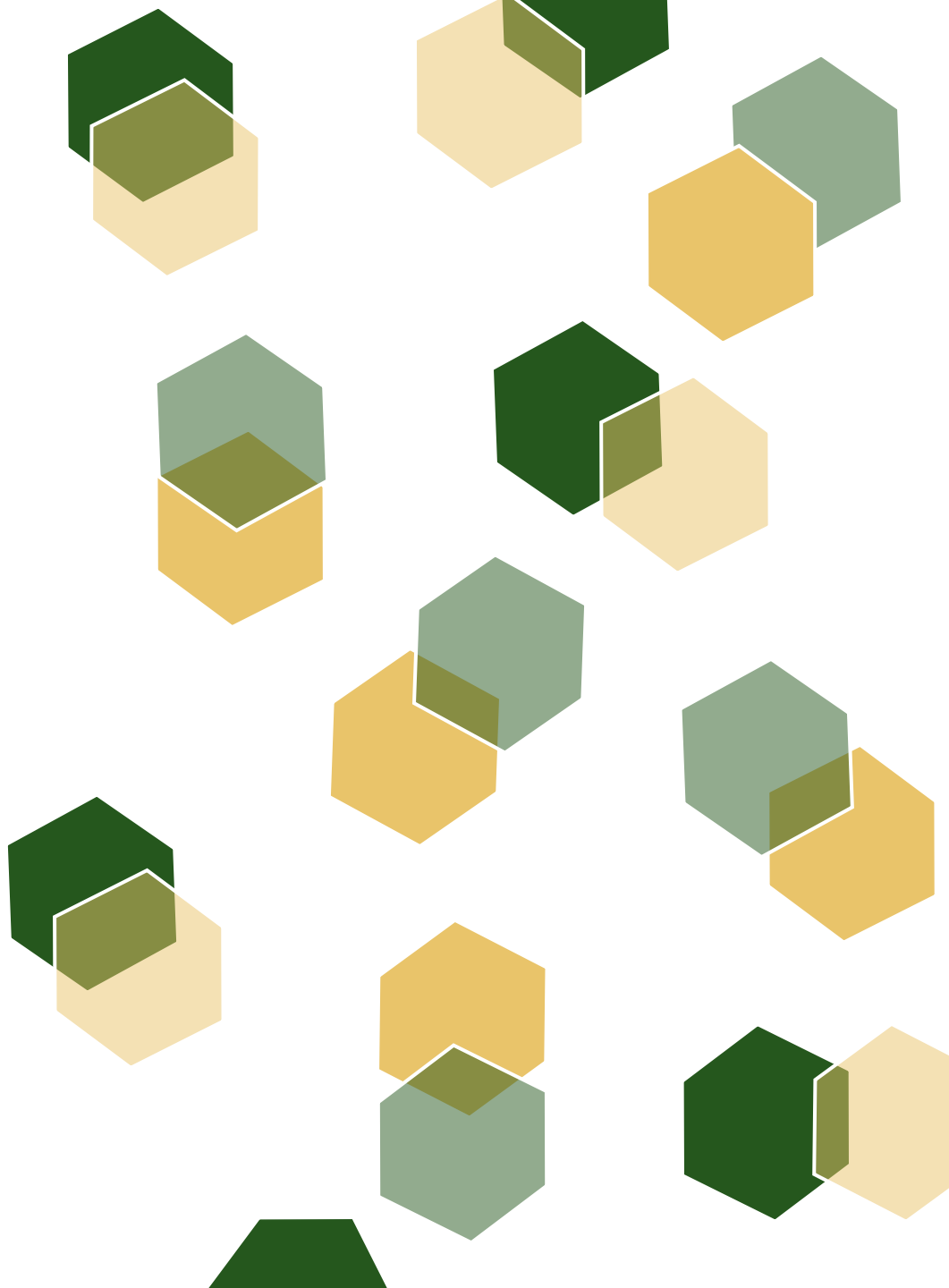
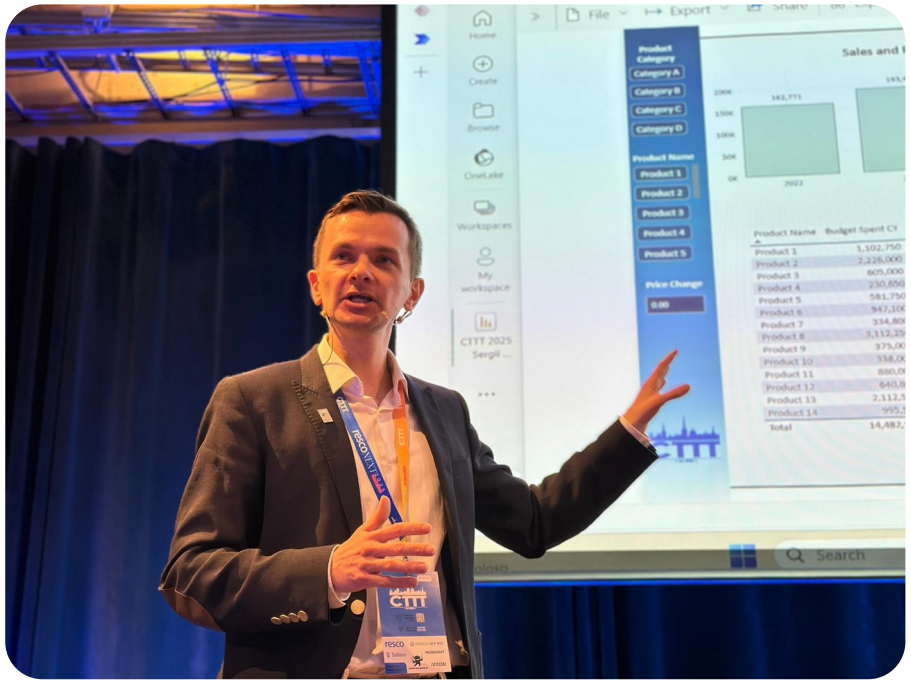
Fabric Data Agents

Canopyfest AI



About me



Sergii Zelenko

Business Intelligence (BI) Professional

Independent freelancer with 7+ years of hands-on experience in Microsoft Fabric and Power Platform; a Microsoft Certified Associate and a proud member of the Fabric Community as a Super User.

Working with Canopy Brands since 2021!

www.linkedin.com/in/sergii-zelenko

Our Business Intelligence Journey

Fully Operative

SAFEWAZE

BEE ACCESS

GALAXY LIFTS

HySafe

Active development

KEY-BAK

Yet to be explored

ALBA

XTIRPA™

AMERICAN MUSCLE DOCKS & FABRICATION

BRICK CITY METALS

SST SERVICES SAUVETAGE TECHNIQUE

FIXATOR SAFETY AT THE VERY TOP

What do we have?

Data Sources

Microsoft Dynamics 365
Business Central

paylocity

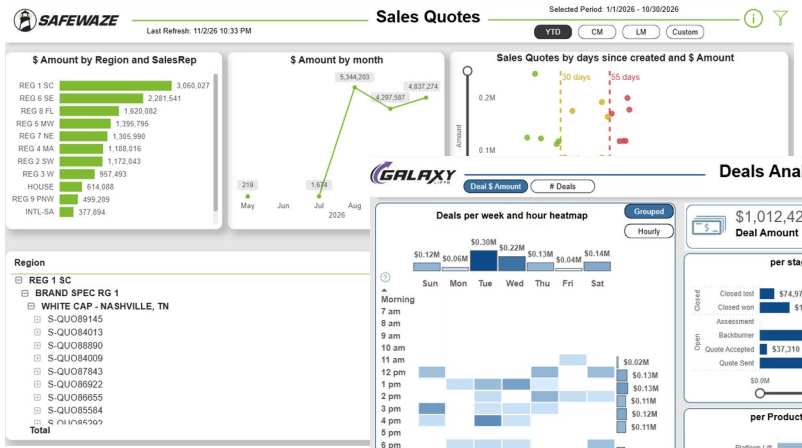
ramp

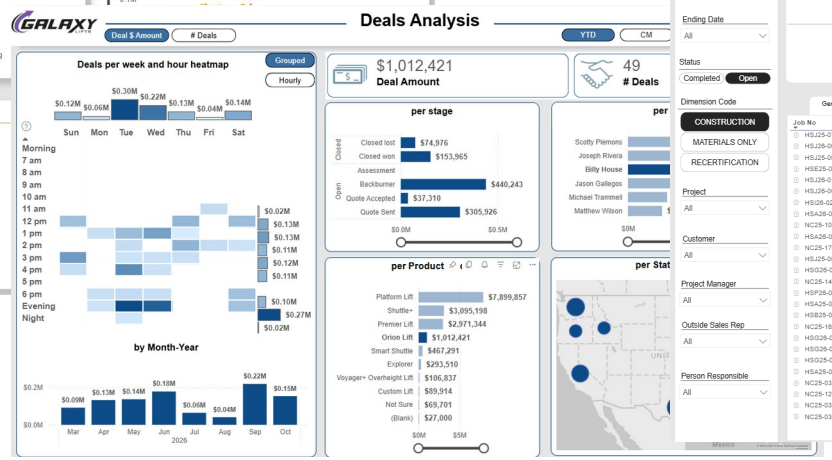
NETSUITE

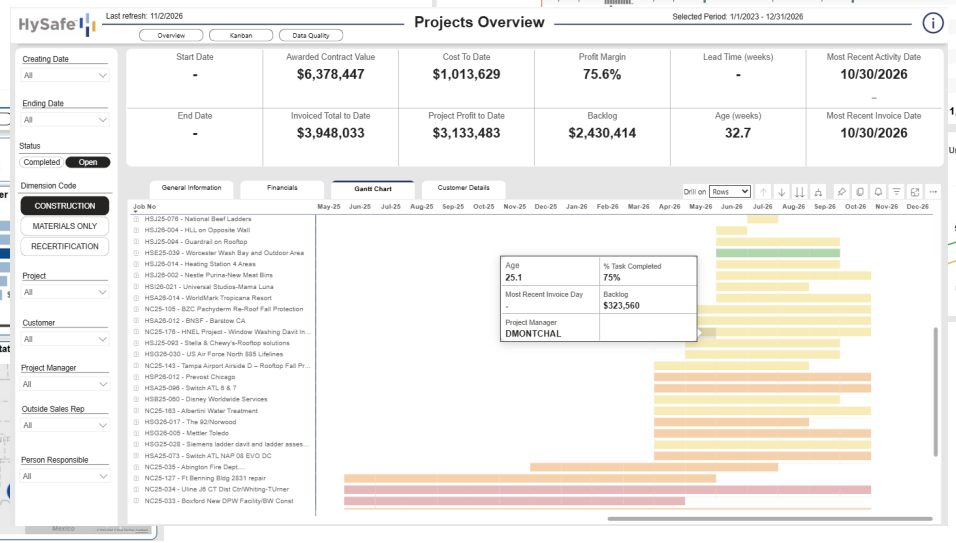
Acumatica
The Cloud ERP

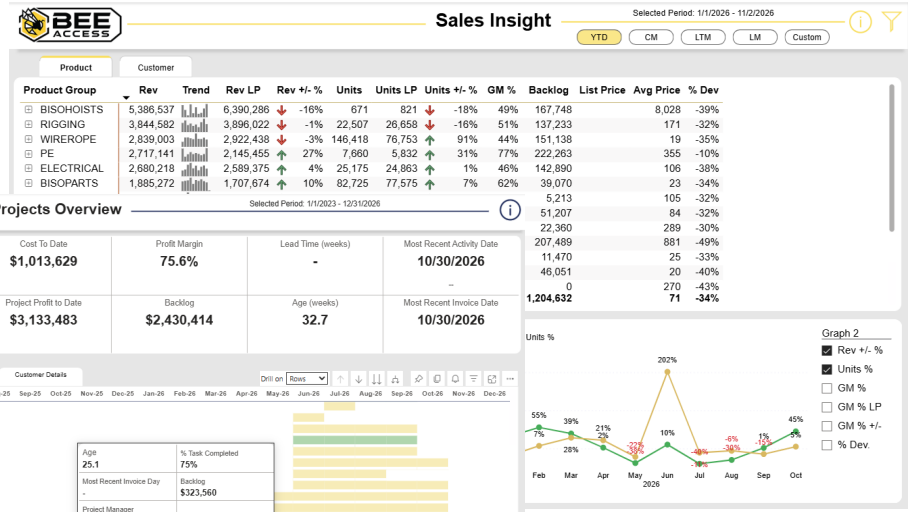
HubSpot

Reports









Evolution of Business Intelligence

From reports to questions?





Imagine asking your data any question and getting an answer in seconds!

Whatever you need within the distance of a single click

Microsoft Fabric Data Agent

Let's talk to our data!

SAFEWAZE

da_SalesInsight

Fabric Data Agent

Open

Works across

Query the data agent da_SalesInsight

Ask questions in natural language to explore and analyze your organizational data. This app connects to lakehouses, warehouses, Kusto databases (Eventhouse), and Power BI semantic models, helping you quickly find answers and insights.

App features

Agent

Use with Copilot or add to a chat or meeting. Added agents are turned on by default.

Created by Fabric Data Agent

Version 1.0.3

Permissions

This app will have permission to:

- Receive messages and data that I provide to it.
- Access my profile information such as my name, email address, company name and preferred language.

By using da_SalesInsight, you agree to the privacy policy, terms of use, and permissions.

Show the top 10 by ratio with sales above 50K

da_SalesInsight: Reasoned for 1s

Here are the **Top 10 customers ranked by Backlog / Last Full Month Sales ratio**, limited to customers whose last full month sales exceeded **$50,000**:

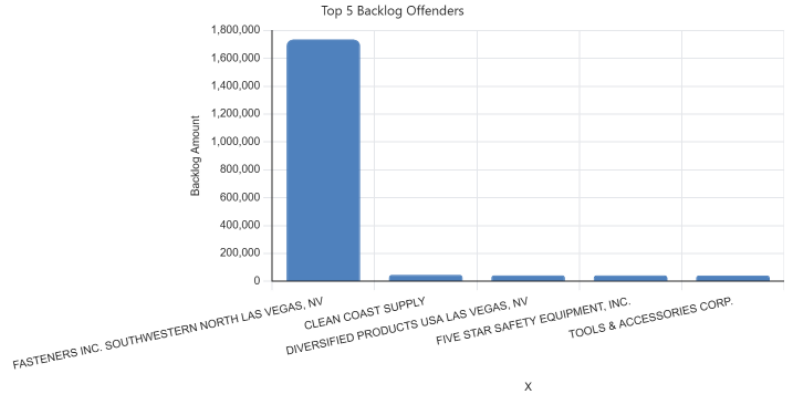
Rank	Customer	Backlog	Las
1	FASTENERS INC. SOUTHWESTERN - NORTH LAS VEGAS, NV	1,735,272	14
2	PCS - SAN DIEGO, CA	39,440	54,
3	TOOLS & ACCESSORIES CORP.	41,767	67,
4	CLEAN COAST SUPPLY	46,982	84,
5	DIVERSIFIED PRODUCTS USA - LAS VEGAS, NV	42,842	94,
6	NEFCO - EAST HARTFORD, CT	38,931	10
7	ZORO TOOLS	20,700	70,
8	CAPITAL ELECTRIC	14,815	53,
9	GULF SUPPLY CO., INC.	24,110	97,
10	PCS - LOCKBOURNE, OH	12,849	61,

can you generate a real bar chart

da_SalesInsight: Reasoned for 1s

Here's the bar chart based on the backlog amounts returned by the semantic model for the top 5 offenders. FASTENERS INC. SOUTHWESTERN - NORTH LAS VEGAS, NV dominates the backlog, which makes the other four bars appear almost flat in comparison.

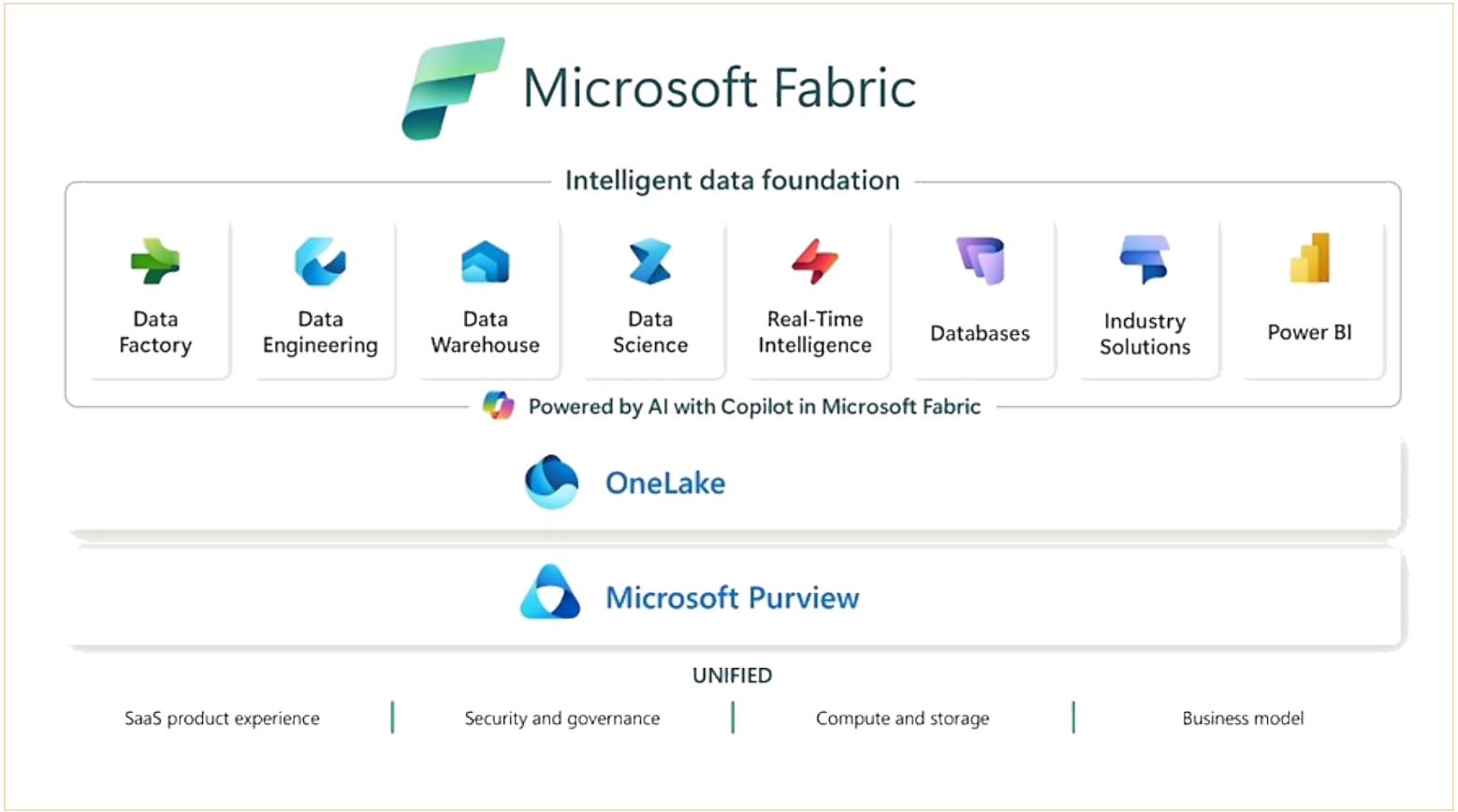
Chart



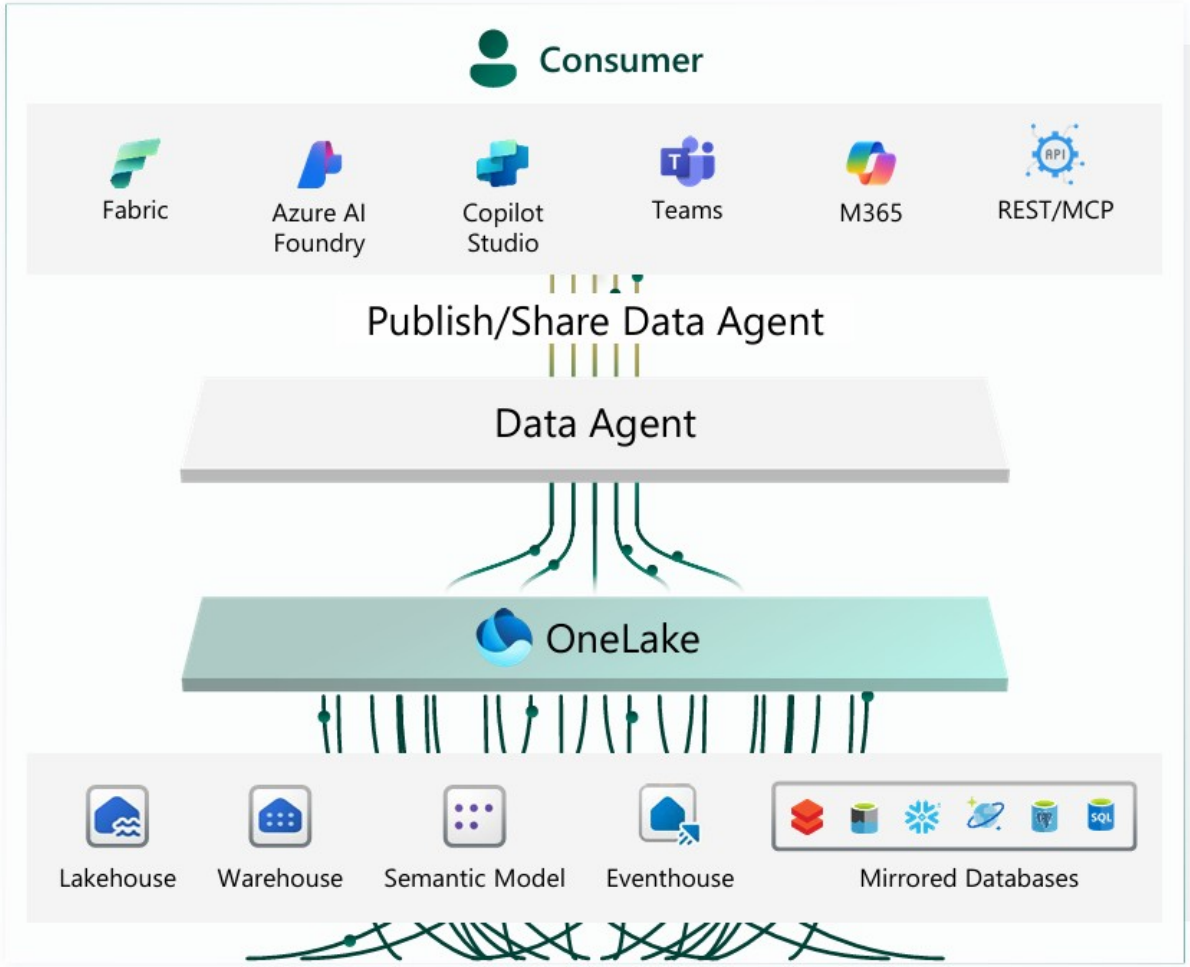
Microsoft Fabric

Unified Data Platform

- Databases
- Data integration
- Data engineering
- Data science
- Real-time intelligence
- Data Analytics



Data Agent in Microsoft Fabric



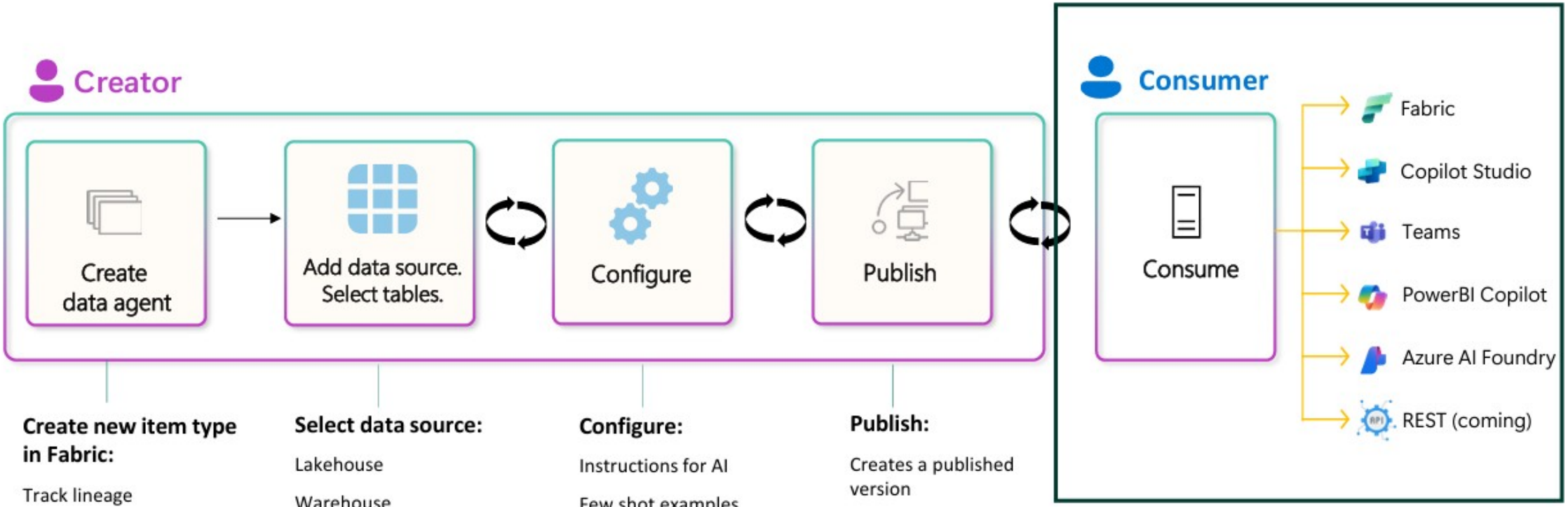
This **conversational data agent** allows users to interact with a virtual analyst

Seamlessly reason over various Data Sources Azure Databricks data in OneLake and other sources to create a **powerful data expert tailored to your data domain**

Data agents can be consumed inside and outside of Fabric and used as knowledge sources for **custom agents in Copilot Studio and Azure AI Foundry**

Data Agent end-to-end flow

End-to-end scenario



Create new item type in Fabric:

Track lineage

Manage permissions

Share

Select data source:

Lakehouse

Warehouse

Semantic model

Eventhouse KQL DB

Mirrored Databases

Configure:

Instructions for AI

Few shot examples

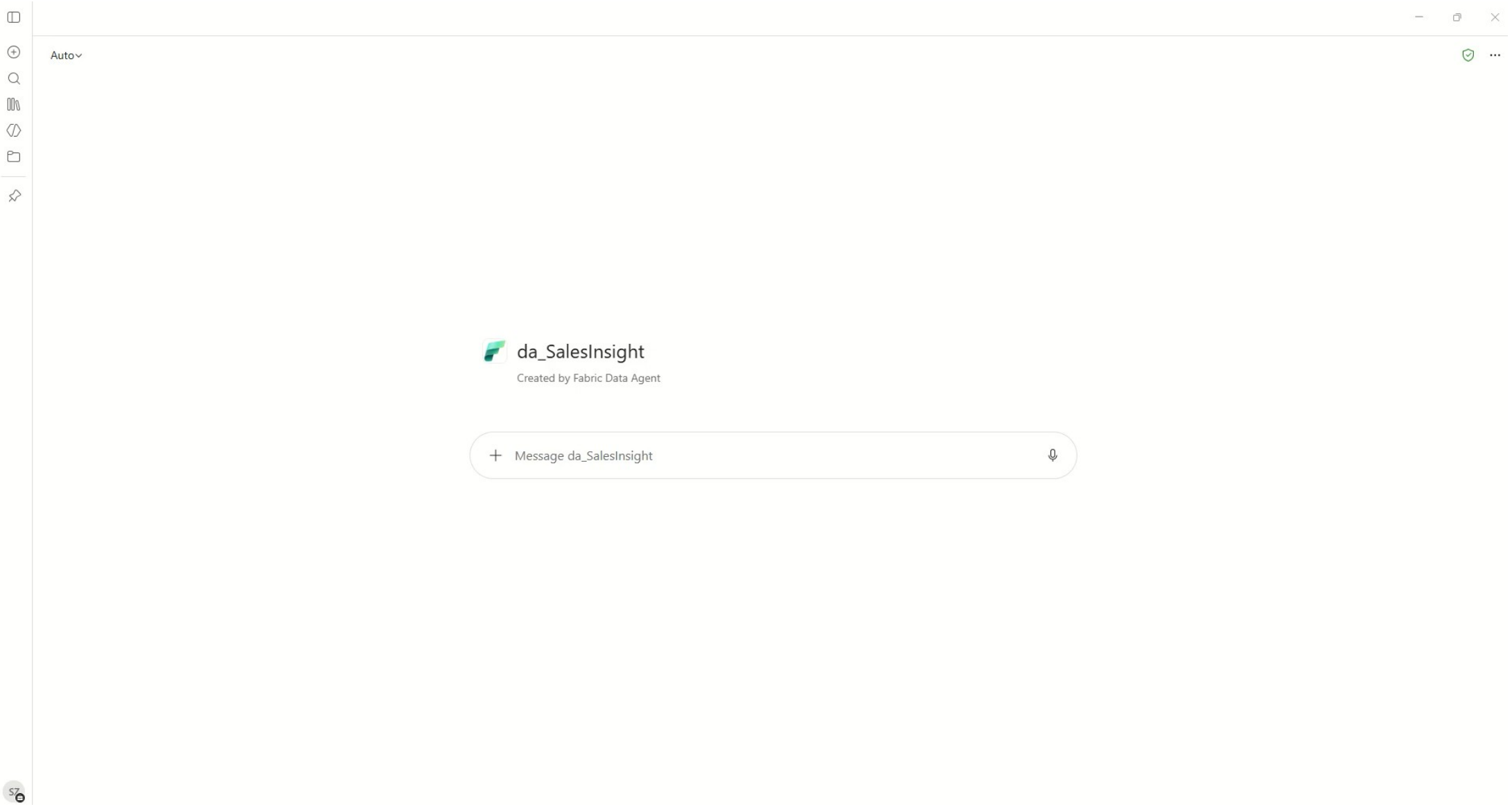
Publish:

Creates a published version

Can be shared with consumers

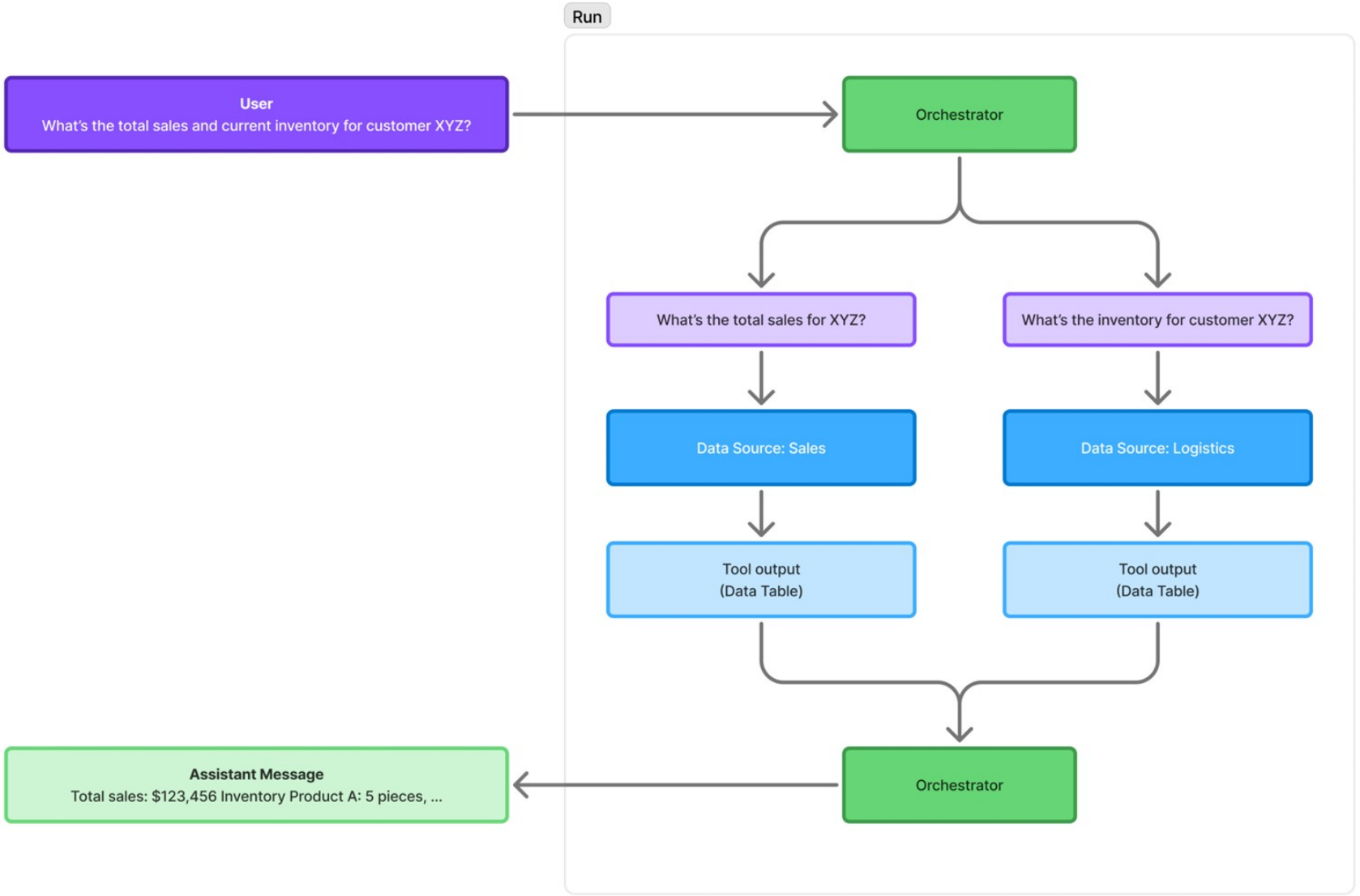
Demo

Sales Insights Data Agent in action



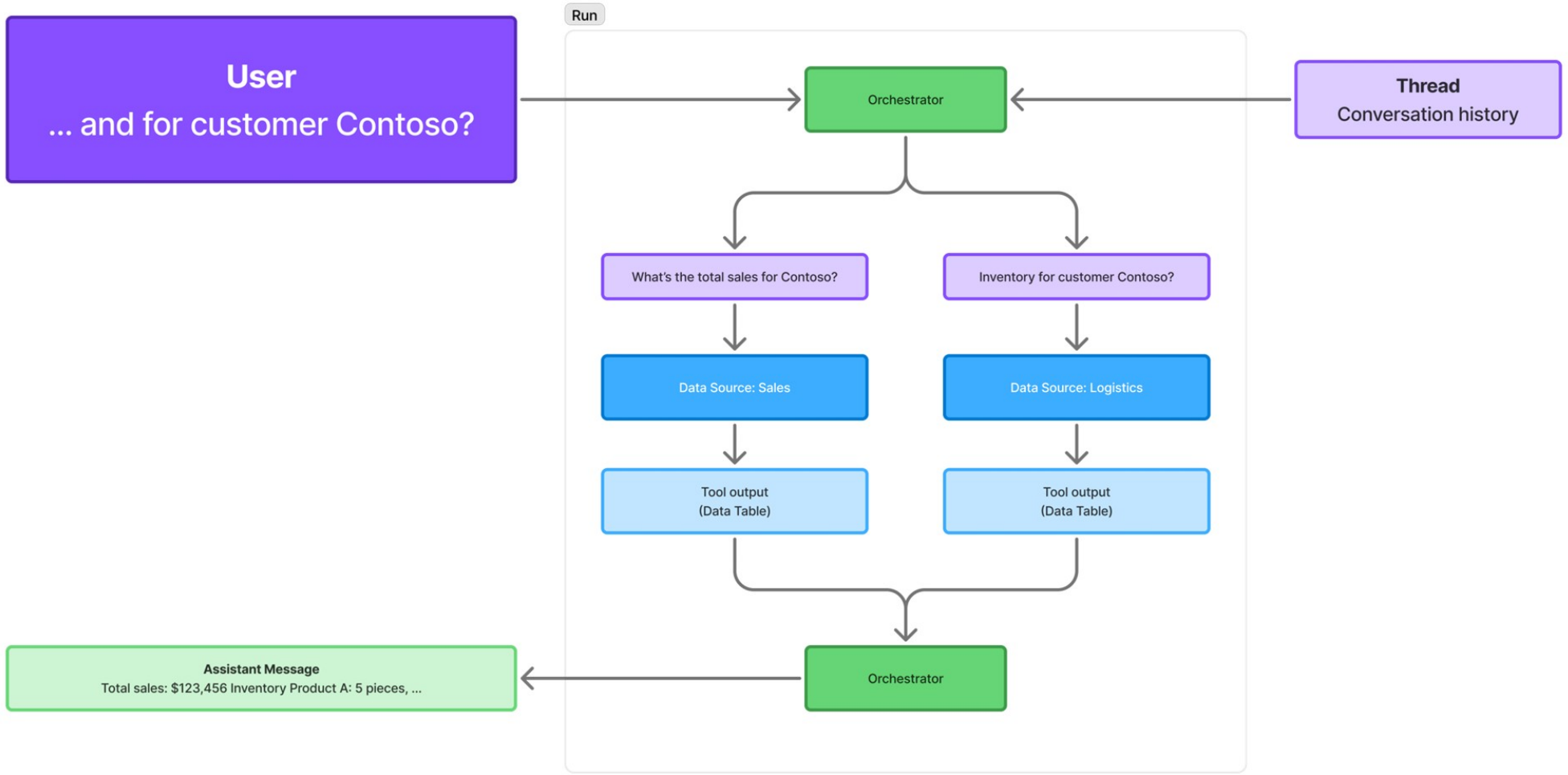
Now let's take a step back

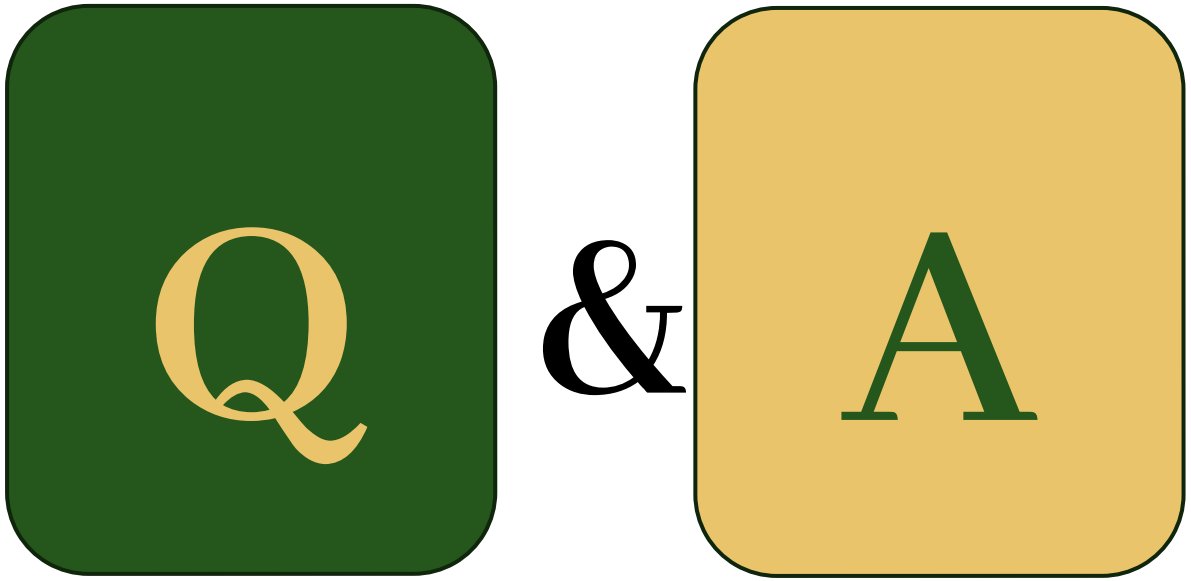
How does it work?



Now let's take a step back

How does it work?




Q
&
A





https://u24.gov.ua/donate

Thank you!