

# Self-Service Data at AI Scale With An Instant Data Fabric

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PRAT MOGHE, CEO, PROMETHIUM.AI

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Gartner, Cool Vendors in Data Management: GenAI Disrupts Traditional Technologies, Nina Showell, Ehtisham Zaidi, Aaron Rosenbaum, 30 May 2024.

Gartner, How Data Leaders Can Complement Fabric and Mesh Approaches, Robert Thanaraj, Ehtisham Zaidi, Mark Beyer, Michele Launi, 29 January 2025.

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# Today's Presenter



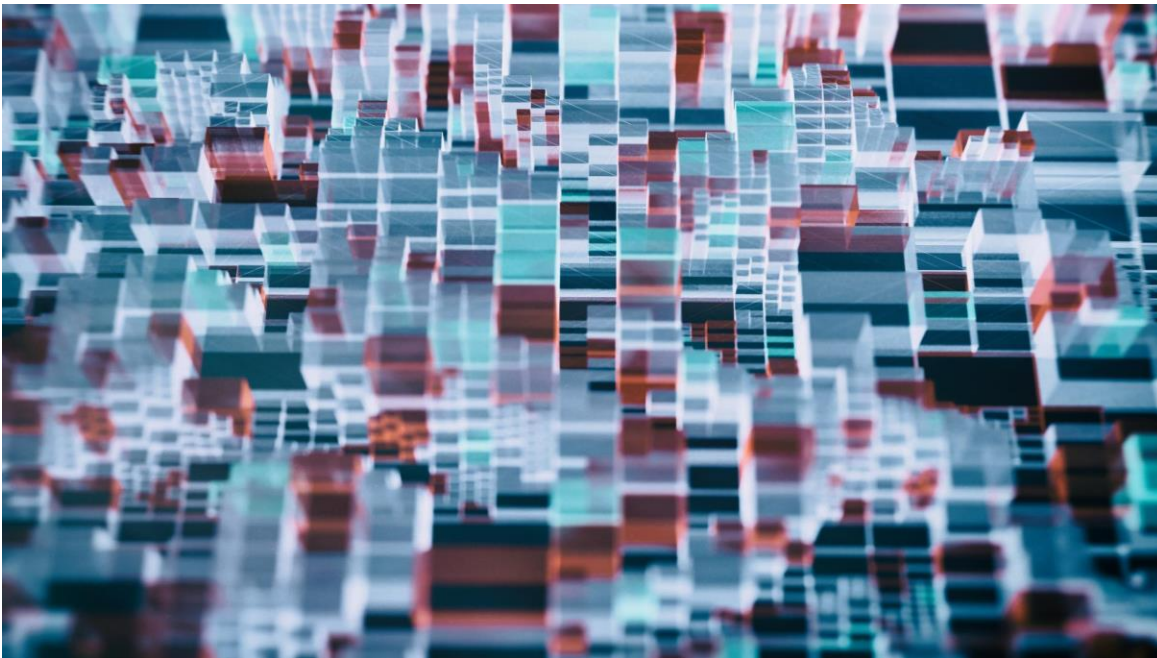
**Prat Moghe**  
CEO, Promethium.ai

Prat Moghe is the CEO of Promethium.ai and is a thought leader in data and analytics.

Prat is a successful serial founder and CEO/GM with experience scaling multiple startups and public companies. Prior to Promethium, his roles include EVP at Cloudera, Founder/CEO at Cazena, and SVP at IBM Netezza.



# AI Is Outpacing Your Data Stack



## **Everyone wants data.**

Business users, BI tools, and AI agents all need data.

## **Data teams are bottlenecked.**

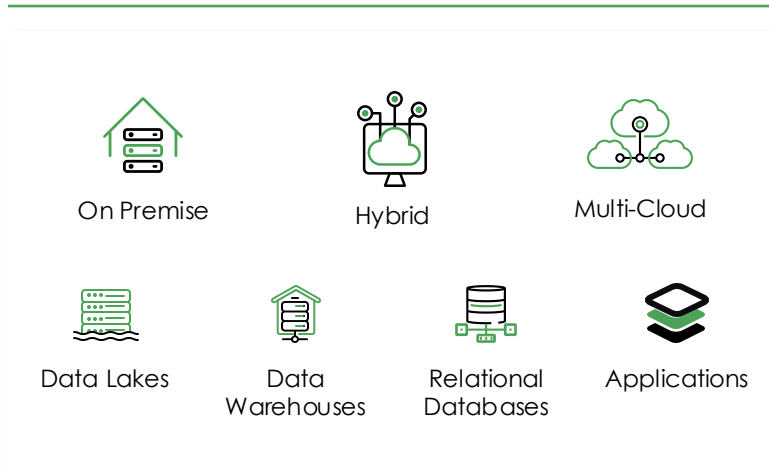
Data engineering pipelines for batch workloads take up all the capacity

## **No self-service, no scale.**

AI initiatives stall without instant, trusted access.

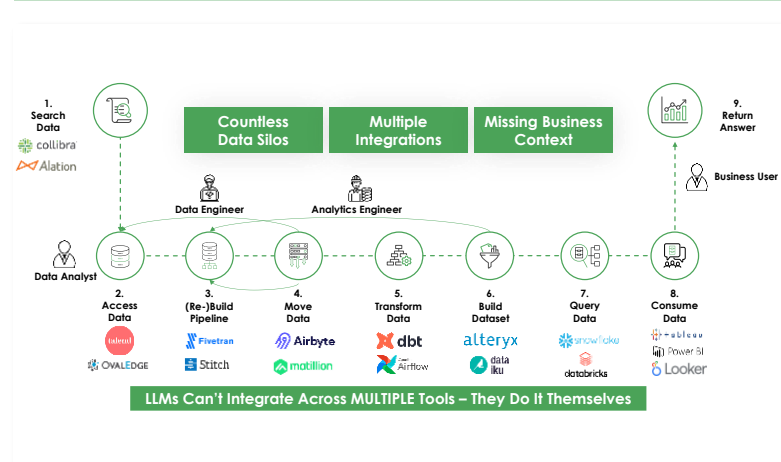
# Why The Modern Data Stack Alone Is Not Enough

## Data is Distributed



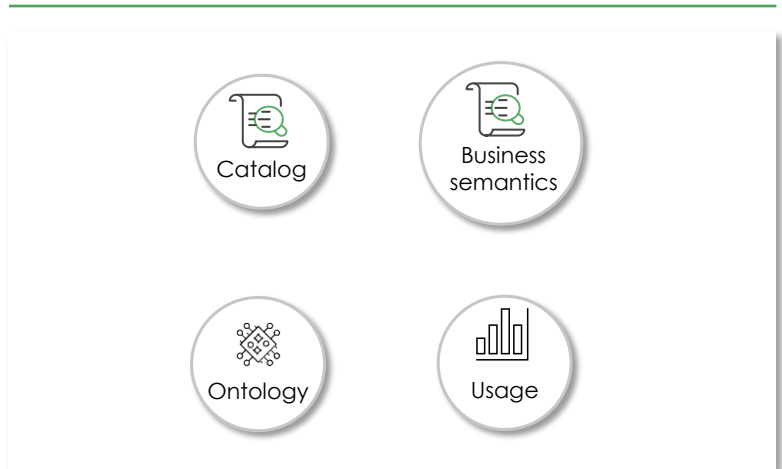
Data is distributed across **different data platforms and applications**

## Pipelines Not Designed for Ad Hoc Questions



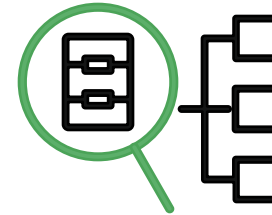
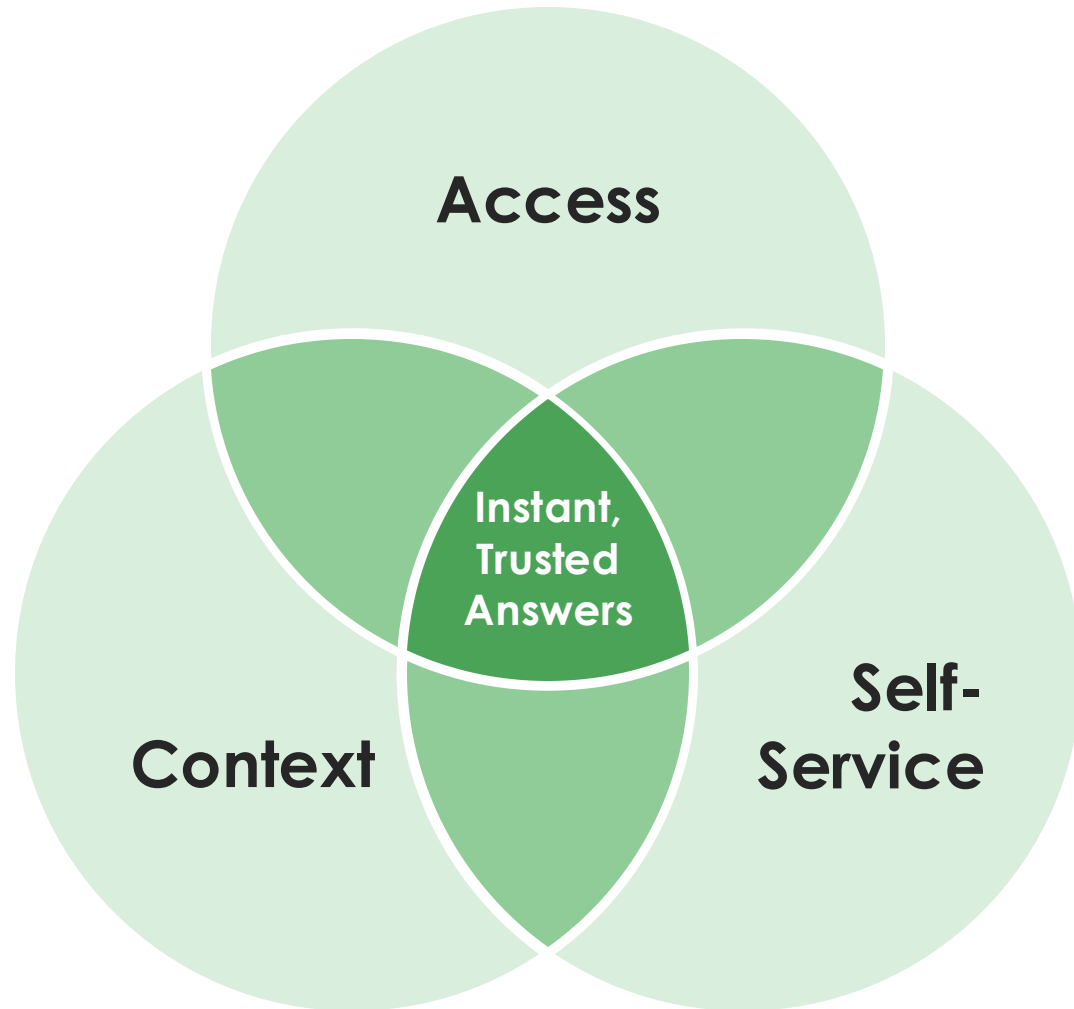
Traditional modern data stack approach **takes days/weeks to answer a new question**

## AI Lacks Enterprise Context



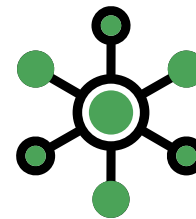
Not enough enterprise data context **for AI to deliver accuracy** needed

# What AI Requires: The “Post-Modern” Data Stack



## Access

Instant access across all your distributed data platforms



## Context

Built-in understanding of meaning, usage, lineage

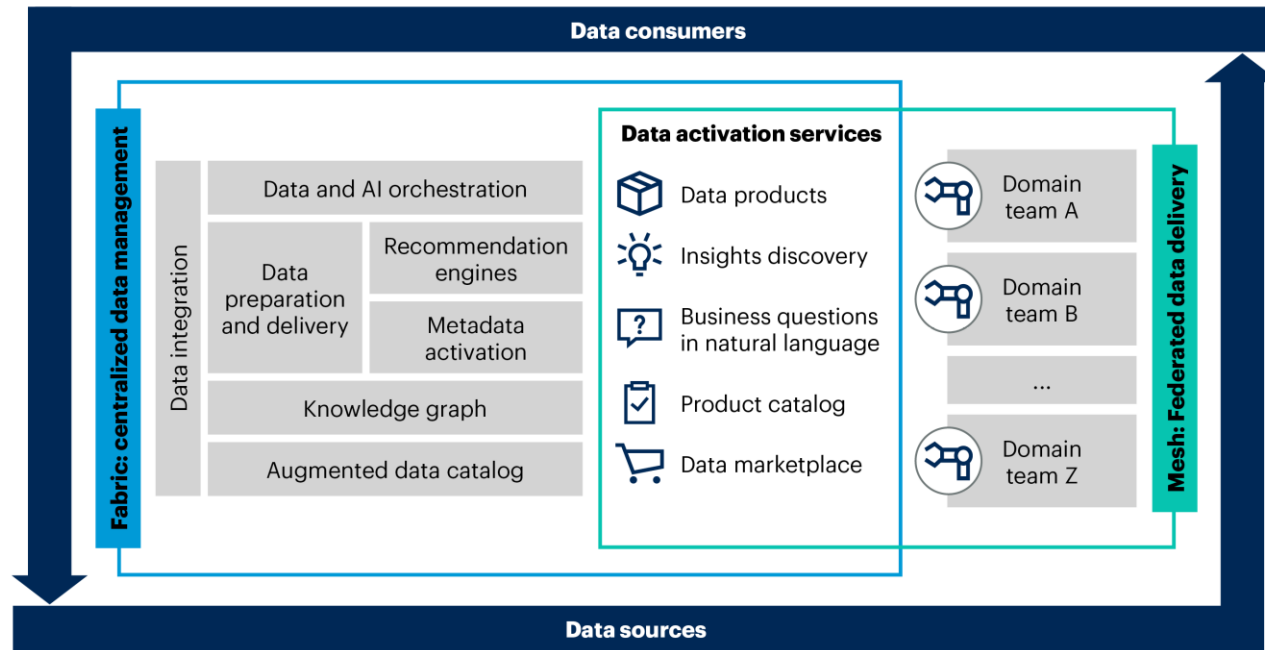


## Self-Service

Consumable data usable by anyone or any agent

# The Instant Data Fabric: A New Architectural Foundation for Self-Service Data

## Complement Fabric Design with Mesh Delivery



- ✓ Connects to your **entire data ecosystem**
- ✓ Adds **context dynamically** to ensure accuracy and trust
- ✓ Includes a **delivery layer** that builds answers **collaboratively** and makes them **consumable anywhere**
- ✓ **Designed for agents, apps, and humans**

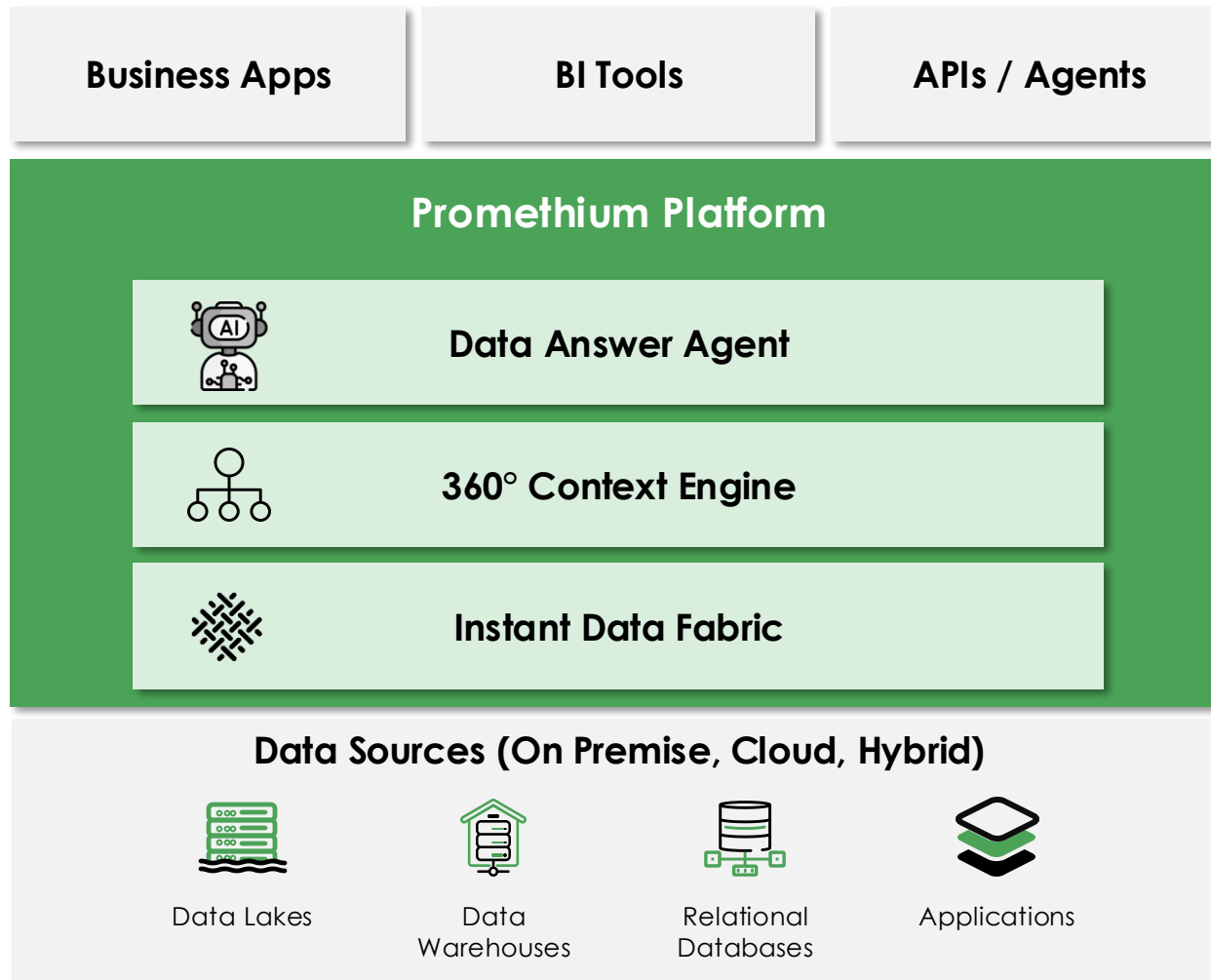
Source: Gartner

Note: Domain teams can choose from a wide range of data products and services

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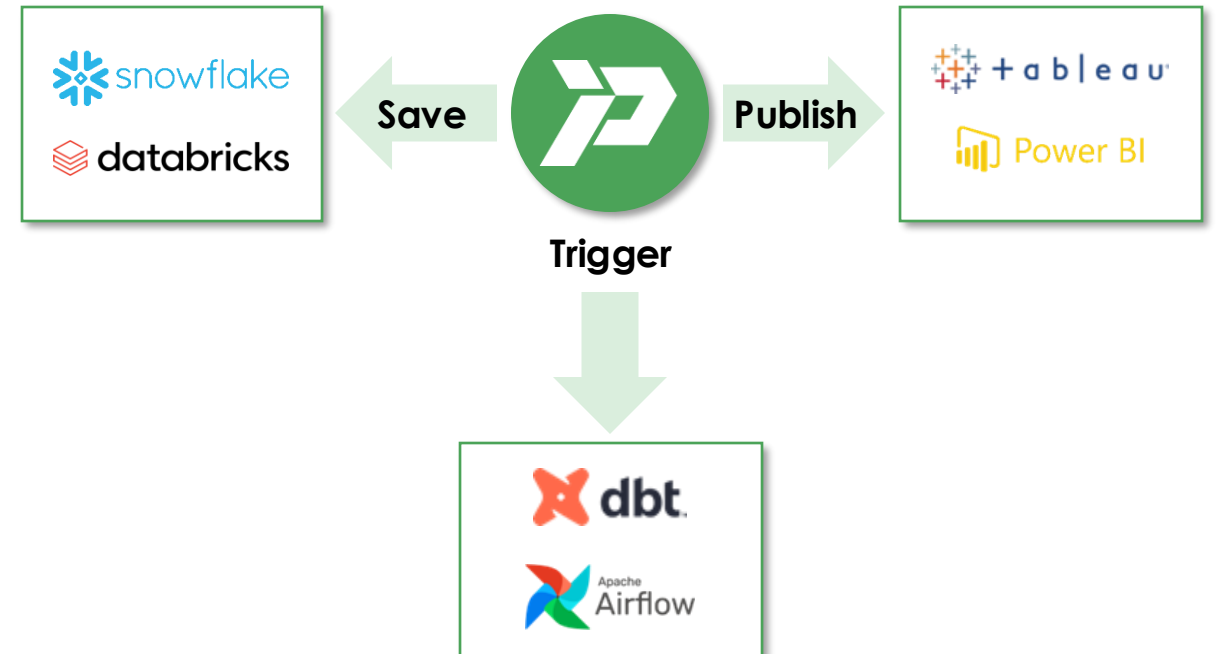
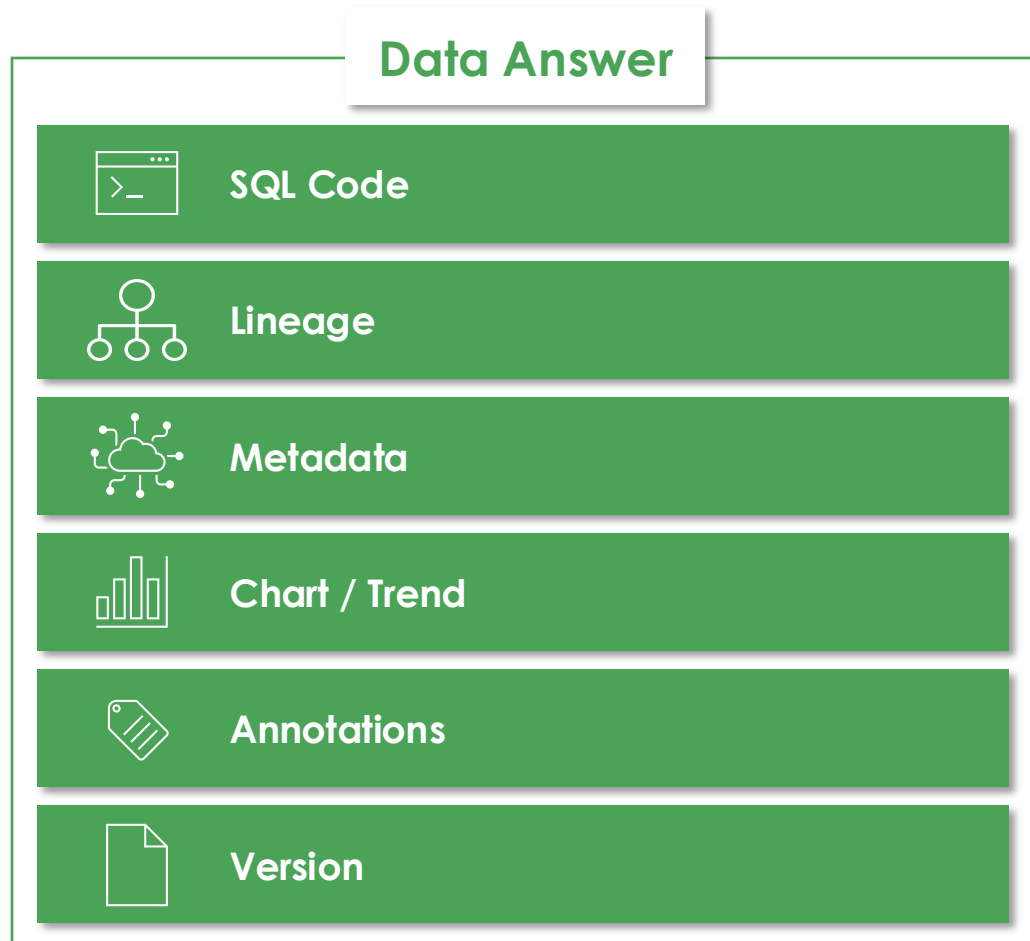
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# Promethium: Built to Deliver Self-Service Data at AI Scale



- ✓ Collaborative question & answer agent
- ✓ Trusted results powered by rich technical and business context
- ✓ Real-time access to all your distributed data

# Data Answers are Lightweight Data Products for Self-Service



### Data Marketplace

Search

All Items (4) Promotions Type + More Reset

Promotion

**Details** Metadata

#### Seasonal Retail Trend Analysis

This dataset provides a deep dive into seasonal purchasing patterns, capturing how consumer behavior shifts across different times of the year. It includes detailed info (more)

★★★★★

Creator: Sarah Thompson, Lead Research Analyst

Type: **Datamap**

seasonal consumer retail market analysis

Download Analyze 4 0 0 0



Data Marketplace / Seasonal Retail Trend Analysis

This Data Product is being promoted until May 24, 2025 [View All Promotions.](#)

### Seasonal Retail Trend Analysis **Datamap**

5 Stars ★★★★★ out of 5

This dataset provides a deep dive into seasonal purchasing patterns, capturing how consumer behavior shifts across different times of the year. It includes detailed information on product category performance, spending patterns, and seasonal marketing effectiveness. The compilation offers valuable insights for businesses looking to optimize their seasonal marketing strategies, inventory management, and product positioning throughout the year.

seasonal consumer retail market analysis

**D** Created on May 12, 2025, (Last Updated May 12, 2025)

Download Analyze

**About This Data Product** Samples Rating Technical Requirements

4 0 0 0

**Title:** Seasonal Retail Trend Analysis

**Creator:** Sarah Thompson, Lead Research Analyst

**Subject:** Seasonal Marketing, Consumer Trends, Retail Seasonality

**Description:** This dataset provides a deep dive into seasonal purchasing patterns, capturing how consumer behavior shifts across different times of the year. It includes detailed information on product category performance, spending patterns, and seasonal marketing effectiveness. The compilation offers valuable insights for businesses looking to optimize their seasonal marketing strategies, inventory management, and product positioning throughout the year.

**Publisher:** Consumer Trend Research Center

# Real-World Validation with Enterprises



*"IT does not want to keep the business waiting. Promethium allows users to answer questions on their own."*



*"Promethium gives us the ability to answer the questions of our business users with real time responses."*



*"Anyone that has access to the data fabric can instantly query and consume. That's really our vision."*



*"In short, the tool is really useful, easy to use.... The ability to just ask a question and get the answer is like MAGIC."*

# Not All Data Fabrics are Created Equal – Promethium is the Data Fabric for Self-Service Data



	“Traditional” Data Fabric	“Instant” Data Fabric
<b>Access</b>	✓	✓
<b>Context</b>	~	✓
<b>Self-Service / Consumption</b>	✗	✓



- ✓ Data fabric style architecture
- ✓ Automate creation of business-led data answers
- ✓ Supporting self-service use cases

**Thank you!**

Prat Moghe  
CEO, Promethium

