

Elementum vs. Power Apps

Overview



AI Driven Workflows

Cloud-Native, No-Code, Out-of-the-Box AI Models



**Quick to
Connect**



**Easy to
Activate**



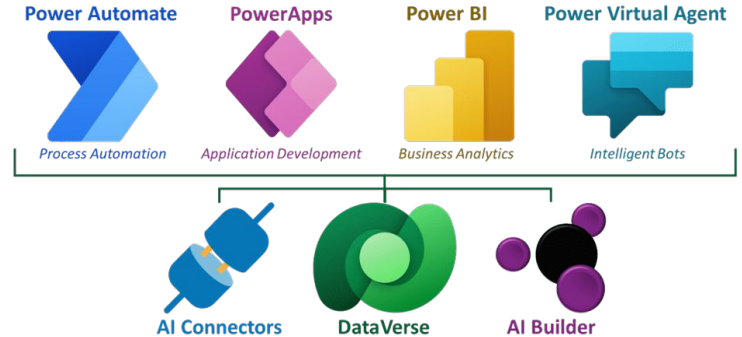
**Immediately
Impactful**



Power Apps

BI with **Workflow Bolt-On**

Cloud-Hosted, Technical Support + Add-ons Required



AI Driven Workflows: Cloud-native, no-code business process automation

Methodology: Predictive machine learning, data mining. Automations triggered in response to real-time changes to data.

Data Sources: Snowflake, AI-powered emails and file management

Implementation: Business Analyst

Use Cases: Sophisticated enterprise workflow automation for 100+ business-unit-specific processes.

Model-Driven Workflows: Cloud-hosted, “low-code” app builder with optional automation capabilities (*DPA, *RPA, *Process Mining, *AI Builder)

Methodology: Rule-based for simple automations, Power BI for complex. Automation triggers based on stale data due to Dataverse update requirements.

Data Source: Dataverse via connectors, Power Query

Implementation: Technical Teams

Use Cases: Simple tasks, process mining, recommendations



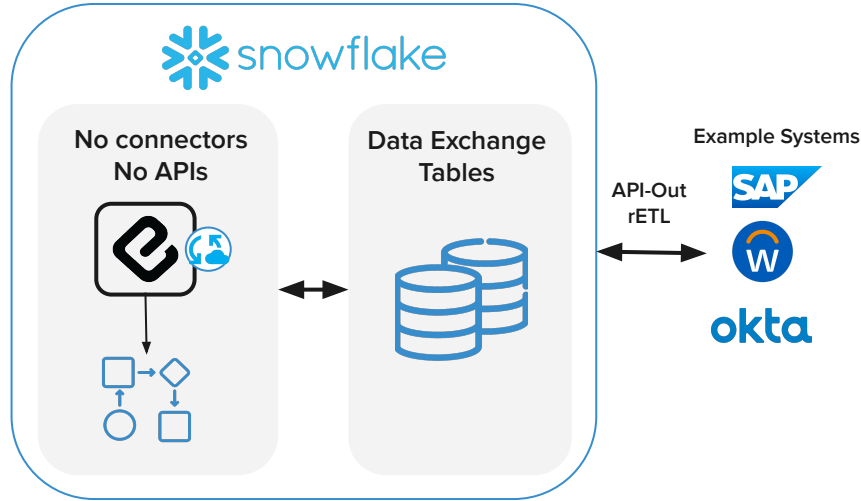
AI Enablement

Data Availability



Snowflake: Direct, Instant Access

Easy to configure. No separate governance required.

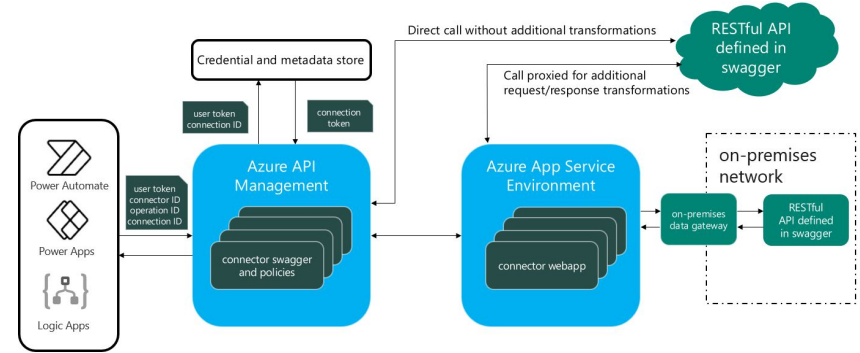


Direct Snowflake connection guarantees data quality, enhances performance, and ensures AI output accuracy.



Dataverse: Second-Hand, Scheduled Updates

ELT from source systems, maintenance required.



Connectors impact data quality, security. Capacity limits and performance tiers affect costs, AI output latency, accuracy.

Model Accessibility



Turnkey: SnowPark or Custom

Access 100s of use case-specific data models without technical expertise. Or, use your own.

<h3>Logic Rules</h3> <p>Apply rules or filters to your data to narrow in on the data you would like to mine.</p>	<h3>Anomaly Detection</h3> <p>Search for anomalies within a specified range of time.</p>	<h3>Ask AI</h3> <p>Obtain real-time answers by querying AI about your data for informed decision-making.</p>	<h3>Classification</h3> <p>Identifies and categorizes data into predefined classes or labels based on patterns and features.</p>
<h3>Forecasting</h3> <p>Utilizes historical data patterns to predict future trends or values.</p>	<h3>Custom Model</h3> <p>Tailored machine learning models designed for specific applications or unique datasets.</p>	<h3>Contribution Explorer</h3> <p>Analyzes the impact or contribution of different factors within a system or dataset.</p>	



Basic, Pre-Built or Bespoke

Pre-built models for simple tasks. IT required to configure, maintain Dataverse tables for Copilot.

Explore AI models

☆ All | 📄 Documents | T Text | 🗄️ Structured data | 🖼️ Images

- NEW**
T OpenAI text completion
Create text, summarize documents, and more with GPT
PREBUILT MODEL | PREVIEW
- T Sentiment analysis
Detect positive, negative, or neutral sentiment in text data
PREBUILT MODEL
- Form processing
Extract custom information from documents
CUSTOM MODEL

AI Activation



Practical, Cost-Effective, Fully-Integrated

Build AI/ML into every app (e.g. LLMs) in minutes at no extra cost.



Admin Support

AI-Assisted setup, calculations, configuration.



Process Optimization

AI helps close, improve with real-time recommendations.



Workflow Initiation

AI/ML identifies issue, taking action autonomously.



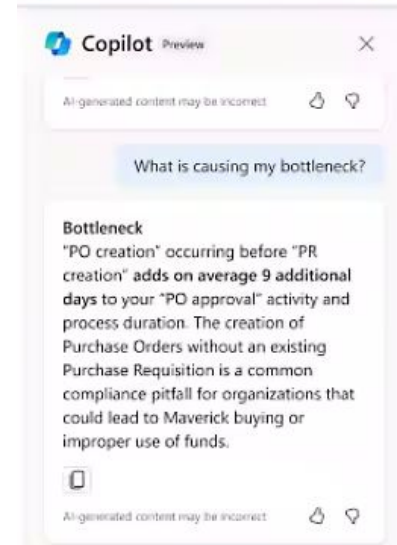
Data Transformation

AI ingests unstructured data to trigger workflows.

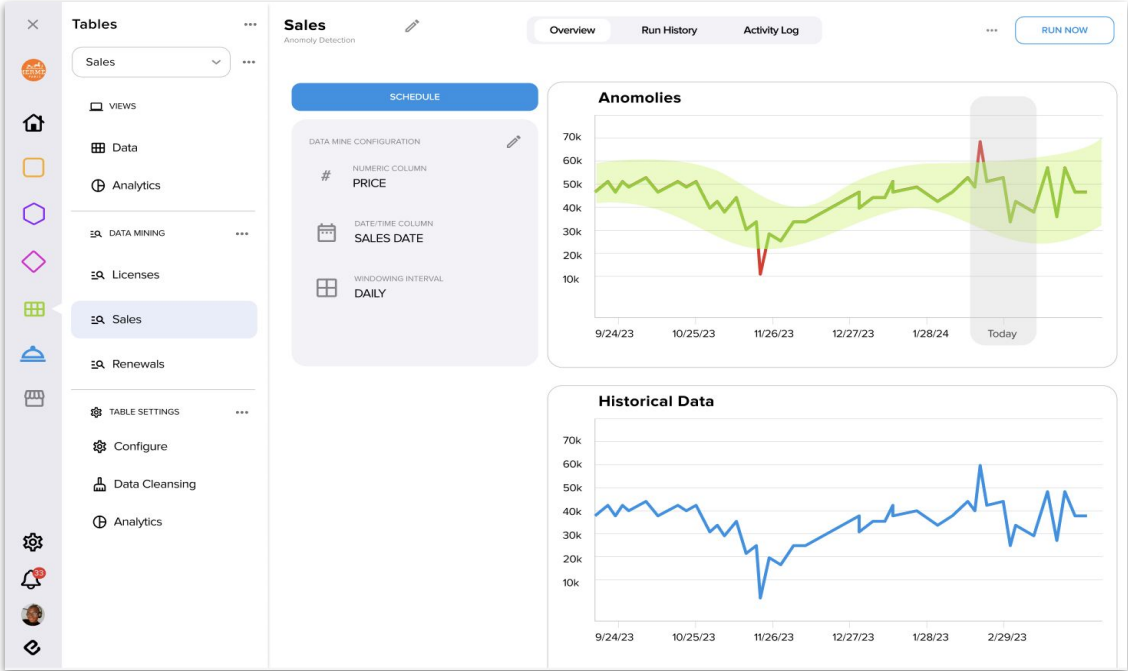


Passive Copilot + Process Mining

Copilot limited by credit allowance, simplicity. Provides insights, fails to take direct action.



Elementum's Real-World AI/ML Use Cases



Proactive inventory management. Elementum's out-of-the-box anomaly detection model detecting an unexpected demand spike in real-time.





Workflows

Application Development



No Code. 100% Self-Managed

Business users can independently install and customize apps in minutes.



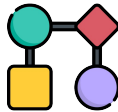
1

Connect and Authorize



2

One-click Install via Marketplace



3

Deploy or Customize



“Low-Code,” IT Support-Required

Templates still require extensive Dataverse setup to use; Requires Power Query to configure tables.



Aryan S.

Software Engineer
Enterprise (> 1000 emp.)

Validated Reviewer ✓

Verified Current User ✓

Review source: G2 invite

“It is good for simple business apps, but when it comes to building a Complex App, it requires a good amount of code...”

[Review collected by and hosted on G2.com.](#)

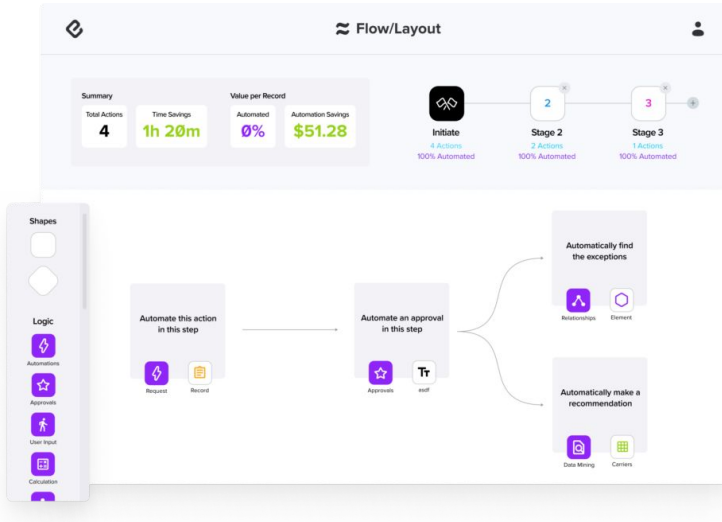


Process Management



Out-of-the Box. End-to-End. Real-time.

Fully automate processes with rETL or API out commands to source systems like SAP or Workday.



Add-Ons Required*, Automation Caps

Basic, rule-based automations unless connected to Power BI. Struggles at high-volumes.

Hosted RPA	AI Builder	Process Mining
<p>\$215 per bot/month¹</p> <p>Run robotic process automation (RPA) as a service with hosted machine options.</p> <ul style="list-style-type: none"> Microsoft hosted machine Desktop flows (RPA) in unattended mode 5,000 AI Builder service credits per month <p>Available as an add-on for:</p> <ul style="list-style-type: none"> Power Automate Premium <p>Buy now ></p> <p>Learn more ></p>	<p>\$500 per unit/month^{1,2}</p> <p>Infuse AI into your flows with custom or prebuilt models.</p> <ul style="list-style-type: none"> AI Builder <p>Available as an add-on for:</p> <ul style="list-style-type: none"> Existing Power Automate, Power Apps, or Dynamics 365 paid subscription plans <p>Buy now ></p> <p>Learn more ></p>	<p>\$5,000 per tenant/month</p> <p>Discover, visualize and analyze processes to identify opportunities to improve and optimize</p> <ul style="list-style-type: none"> 100 GB process mining data storage 2 GB Database capacity 1 TB Database file capacity <p>Available as add-on for:</p> <ul style="list-style-type: none"> Power Automate Premium <p>Buy now ></p>

*Unattended RPA, Power Apps and Power Automate Capacity Add-Ons



Value and ROI



Direct, Quantifiable

Live data creates (\$) business outcomes autonomously

% Automation
for each process
automatically tracked

25 | **68%**
Total Actions | Automated

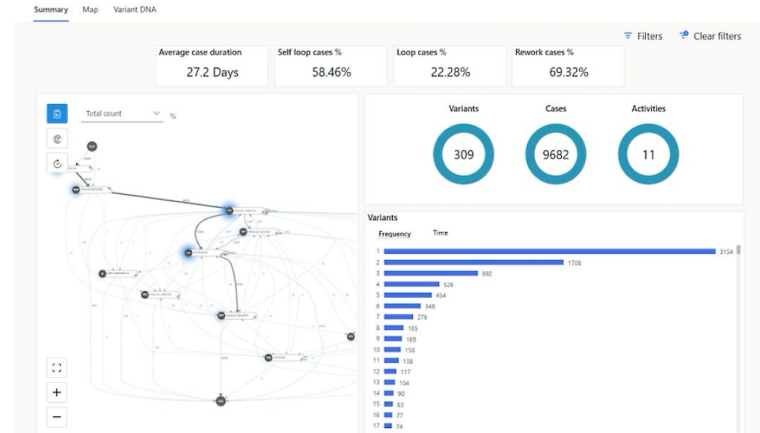
\$ Impacts
for each process
automatically tracked

\$18.3 M
Cash ¹⁵
Lead Time Optimization
720 Automations Run



Indirect, Unquantifiable



Like BI, requires humans to act on insights.





Cost of Ownership

Cost of Ownership

	 elementum	 Power Apps
Subscription (Assuming: 5,000 Users)	Consumption-based. Pay for what you use.	\$20/user/month
Add-Ons RPA, AI Builder Credits, Premium Connectors, Extra Storage Capacity, Process Mining	Zero; Out-of-the-Box access to enterprise-scale workflow automation, powered by AI	*Tot. Monthly Costs: \$10,000-\$275,000/month
Implementation Time + Deployment	1 Day / Zero fees / Zero minimum to start No professional services fees	7-15 months; One-time Setup Cost \$750,000
Training and Support	Train the trainer approach. No fees.	One-Time Training Costs: \$5,000-10,000 On-Going Support Cost (Premium Plan): \$150,000/year
Maintenance	Zero	Ongoing Maintenance: \$150,000/year

***Total Monthly Add-On Cost Estimate:** Range reflects foundational workflow automation and AI capabilities for basic projects to full-scale enterprise solutions with advanced AI, connectors, and significant storage. [See Slide 14 for assumptions.](#)

Power Apps Add-Ons

Basic Functionality

- **Premium Connectors:** \$2,000
- ***Extra Storage:** \$52,000
 - a. Dataverse Storage (100 GB)
 - b. File Storage (1,000 GB)
- ****AI Builder Credits:** \$2,000
- **RPA:** \$2,000 (for basic task automation)
- **Process Mining:** \$2,000 (for initial business process analysis efforts)

Enterprise Workflows

- **Premium Connectors:** \$10,000
- ***Extra Storage:** \$260,000
 - a. Dataverse Storage (500 GB)
 - b. File Storage (5,000 GB)
- ****AI Builder Credits:** \$10,000
- **RPA:** \$20,000
- **Process Mining:** \$15,000



* **Storage Add-on Pricing:** Dataverse Capacity Add-on: \$40/GB/mo | File Storage Capacity: \$48/GB/mo

** **AI Builder Credits:** \$500/unit/month



Case Study

Case Study: Procurement

Financial Services

60%

Shorter RFP Cycles

3x

Reduction in Service Costs

10x

RFP Intake Annually

Harnessing 4M Rows of Snowflake Data to Transform Drug Pricing Negotiations Into New Revenue Streams

Function & Use Case | Procurement: Automating RFP/RFQ Process

CHALLENGE: By paying for a third-party to run its labor-intensive and error-prone Request for Pricing (RFP) process, a premier insurance broker was giving up 75% of its revenue and missing opportunities to expand to new business.

SOLUTION: The broker can now self-manage its RFP process, capturing 100% of the revenue, and expand RFP coverage without incurring additional costs.

VALUE: The insurance broker can now offer its clients the best rates, faster, and at a fraction of the cost as before.

Why Elementum?



Strategic Partnership with Snowflake

Tight alignment with Snowflake and Elementum. Introduction at Snowflake Summit '23.



The Swiss Army For Snowflake

More than just automations, Elementum enables Surveys, Enterprise-Grade Actionable AI, and more.



Workflow Automations, Snowflake-Scale

The broker can easily accommodate larger data sets, more complex RFP requirements, and larger vendor pools.

Featured Capabilities



Surveys



Bulk Import



Generative AI

Elementum

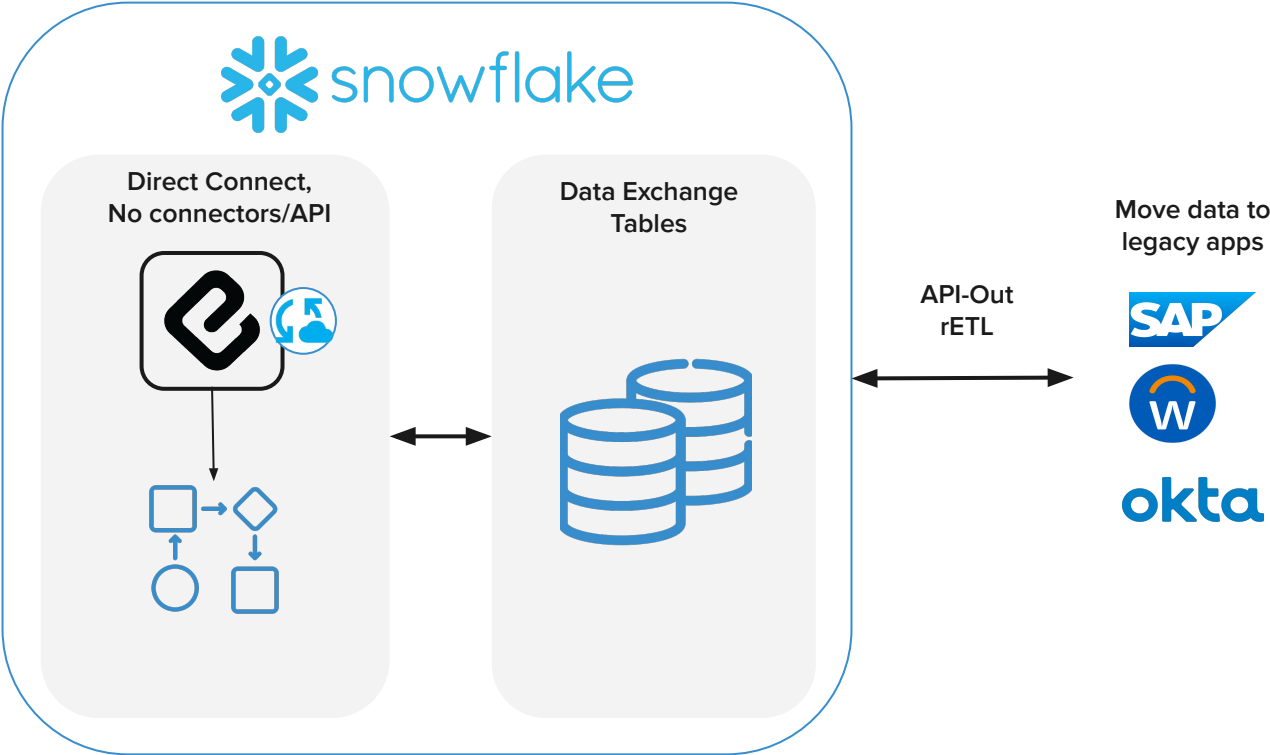
Data That **Operates.**



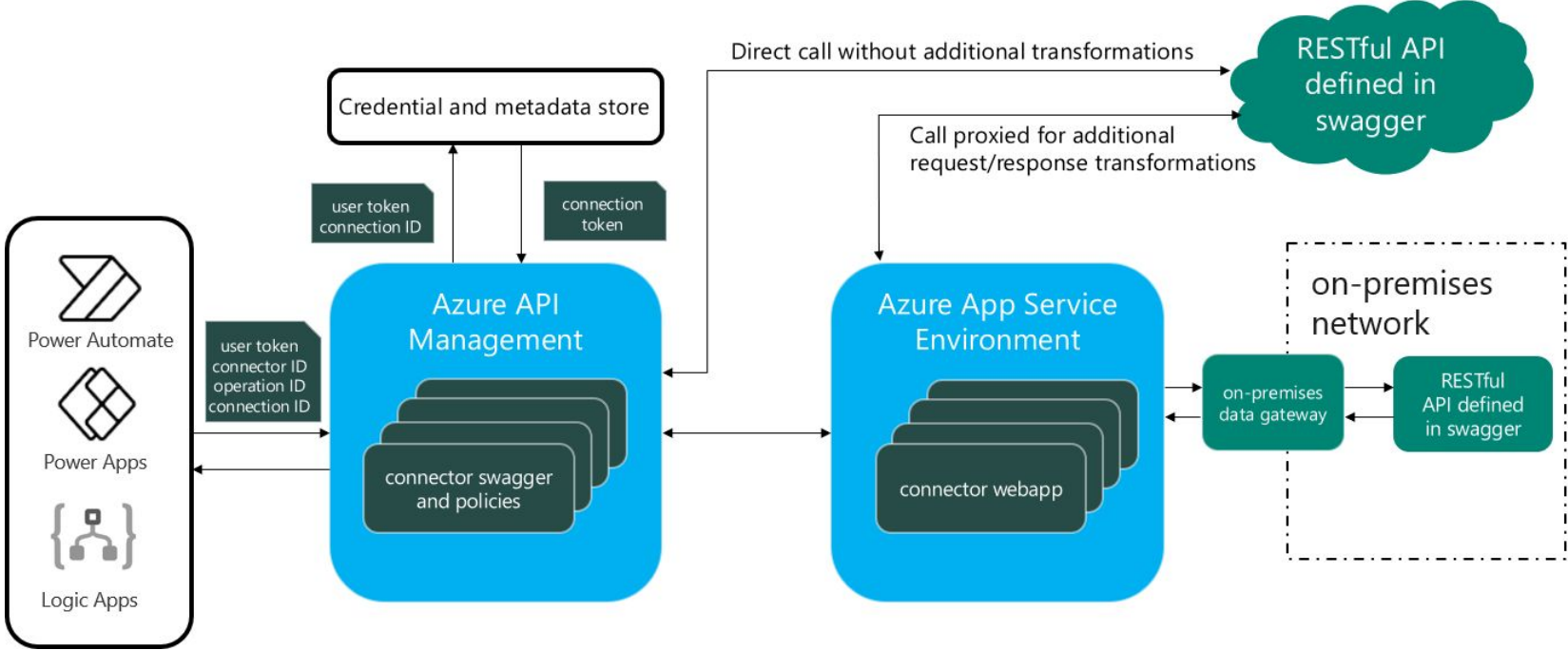


Appendix

Elementum: Cloud-Native Workflows



Power Apps: Cloud-Hosted Workflows



**Your Data is
Dynamic.**
Use it to run your
business, not analytics

Anatomy of the AI Workflow

AI Driven Workflows turn live data into **outcomes** by automatically initiating (**triggers**) a workflow (**action**) when it changes.



Sample Triggers.

- Missed forecasts
- Missed SLAs
- Anomalies or exceptions
- Data model outputs
- Benchmark variance



Sample Actions.

- Send a notification
- Assign a task
- Create an escalation
- Initiate an approval flow
- Send a survey



Sample Outcomes. Automatically:

- Submit a late payment claim in Arriba
- Update planned lead times in SAP
- Revoke a software license in Okta
- Initiate a stock transfer order in Blue Yonder
- Submit a service request in Salesforce

AI Driven Workflows

AI DRIVEN

Triggers

Missed Forecasts & SLAs
 Benchmark Variance
 Exceptions / Anomalies
 Data Model Output

AI
 Powered
 ML
 Trained

WORKFLOWS

Actions

Notifications
 Escalations
 Surveys
 Approvals
 Write-Backs / API-Out

CLOUD-NATIVE

No Moving Data -- Instant Go-Lives -- Built-in AI/ML



Graveyard

Research

Documentation: Power [Platform](#) | [Apps](#) | [Automate](#) | [Dataverse](#)
[API limits](#) | [Performance tiers](#) | [Automation Limits](#)

