

- Dashboard
- Knowledge Graph
- Ontology
- Query Console
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- Tech Stack
- Deployment

Search models, queries, sources

Acme Data Platform



VT

Agent Sessions

MCP clients connected to this workspace

Generate Access Token

Active Sessions

3

Tool Calls (24h)

1,284

Tools Available

40

Blocked by Permissions

12

Recent Tool Calls

Time	Session	Tool	Target	Result	Duration
14:22:07	claude-code / VT	models_publish	Revenue Core v4	Success	240ms
14:21:53	claude-code / VT	entities_create	orders_fact	Success	96ms
14:20:11	cursor / A.Rao	queries_run	Active Revenue by Region	Success	1.9s
14:19:40	cursor / A.Rao	data_sources_transition	warehouse-prod to CONNECTED	Success	130ms
14:18:02	script / ci-bot	entities_delete	legacy_orders	Blocked — needs confirmation	—

Session Detail

Client	claude-code
Actor	VT (user)
Workspace	Acme Data Platform
Transport	stdio
Tools granted	40

Destructive confirmation not enforced
Irreversible tools execute without a confirm step.



SemanticFed

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Acme Data Platform

Ontology / Revenue Core / Authoring Assist

Proposed Model DRAFT

Generated from data source: warehouse-prod (Postgres)

DiscardAccept Selected**Entities (3)**

☒	orders_fact	TABLE	public.orders	Edit
☒	customers_dim	TABLE	public.customers	Edit
☒	regions_dim	VIEW	public.v_regions	Edit

Dimensions (7)

☐	order_date	TIMESTAMP	Edit
☐	region_name	STRING	Edit
☐	customer_tier	STRING	Edit
☐	is_active	BOOLEAN	Edit

Metrics (4)

☐	net_revenue	SUM	amount_usd - discount_usd	Edit
☐	order_count	COUNT	order_id	Edit
☐	avg_order_value	AVG	amount_usd	Edit

Relationships (2)

☐	orders_fact.customer_id to customers_dim.id	MANY_TO_ONE	Edit
☐	customers_dim.region_id to regions_dim.id	MANY_TO_ONE	Edit

Review Notes**Source:** warehouse-prod**Intropected:** 42 columns**Proposed:** 16 objects **Publishing stays manual**

Accepting adds drafts to Revenue Core. Publishing bumps the model version and is a separate human action.

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Query Console / Active Revenue by Region / Run 8f41c2

Run 8f41c2

SUCCEEDED

Active Revenue by Region — Revenue Core v4

Rows Returned

1,842

Duration

1.94s

Sources Touched

2

Estimated Cost

2.10s

Execution Plan

1

Step 1 — orders_fact

warehouse-prod · POSTGRES

Pushed predicates: `order_date >=, region_name =`

Pushed projection: 4 columns

Pushed aggregation: SUM(net_revenue)

Estimated rows: 900

Actual rows: 1,842

Duration: 1.31s

Step 2 — regions_dim

warehouse-prod · POSTGRES

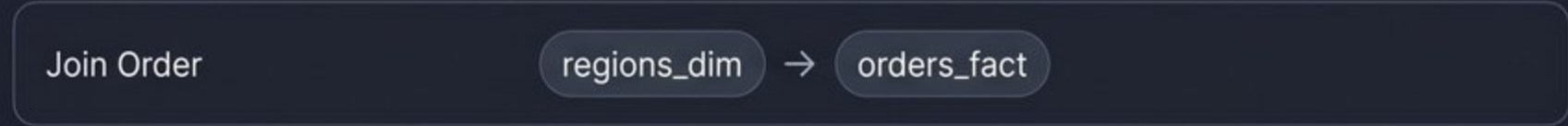
Pushed predicates: none

Pushed projection: 2 columns

Estimated rows: 24

Actual rows: 24

Duration: 0.11s



Plan Summary

Engine	v1
From	orders_fact
Joins	1
Bytes processed	412 KB
Served from cache	No

Access policy not evaluated

Row and column policies are stored but not applied at execution yet.



Acme Data Platform



Search models, queries, sources



VT



Dashboard



Knowledge Graph



Ontology



Query Console



Agents



Topology



Registry



Policies



Monitoring



Configuration



Visualization



Audit Logs



Protocol



Collaboration



Analytics



Performance



Tech Stack



Deployment

Data Sources

Health and connectivity lifecycle

Register Source

Connected

6

Degraded

1

Disconnected

1

Probes (24h)

2,304

Source	Connector	Status	Last Probe	Latency	Push-down
warehouse-prod	POSTGRES	CONNECTED	30s ago	23ms	Enabled
orders-primary	POSTGRES	CONNECTED	45s ago	18ms	Enabled
partner-rest-api	REST_API	DEGRADED	1m ago	412ms	Enabled ^
Probe History (last 12) Latency  UNREACHABLE x4 consecutive Message: upstream timeout after 5000ms First failure: 14:06					
billing-replica	POSTGRES	DISCONNECTED	22m ago	—	Disabled
events-archive	S3_PARQUET	DRAFT	never	—	Enabled

Proposed Action

Sustained probe failures on partner-rest-api justify a lifecycle transition. Owner will be notified.

Trigger: scheduled

Apply Transition

Dismiss

! Roadmap — proposals are not generated automatically yet.

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Tuning Proposals

Suggestions from run history — review and apply

[Refresh Analysis](#)

Queries Analysed

48

Proposals Open

5

Est. Time Saved / day

6m 40s

Active Revenue by Region

[Cache TTL](#)

Runs / day: 41

Avg duration: 9.2s

Cache hit rate: 0%

Current TTL: 60s

Proposed: cacheable = true, TTL 900s

[Dismiss](#)
[Apply](#)

Daily Orders Snapshot

[Cache TTL](#)

Runs / day: 18

Avg duration: 4.1s

Cache hit rate: 12%

Current TTL: 30s

Proposed: TTL 3600s

[Dismiss](#)
[Apply](#)

Customer Tier Breakdown

[Push-down](#)

Runs / day: 26

Sources touched: 3

Residual predicates: customer_tier, is_active

Proposed: register customer_tier as a dimension so the filter reaches the source

[Dismiss](#)
[Open Model](#)

How this works

Input: query run history

Signals: duration, cache hits, sources touched, residual predicates

Output: proposals only

Nothing is applied automatically

Cache lifetime is a freshness decision — a human always applies it.

Access Policies

Row, column, and entity rules attached to your models

New Policy

Active (9) Proposed (3)

Column	Entity	Detected	Proposed Rule	Effect	Status
email	customers_dim	2h ago	DENY column for all except Compliance	DENY	Inactive
Proposed Policy — customers_dim.email Scope COLUMN Effect DENY Principal role:analyst Attached to customers_dim Detected via dimension name and STRING type Model Customer Core v2 Approve & Activate Reject					
email	customers_dim	2h ago	DENY column for all except Compliance	DENY	Inactive
phone_number	customers_dim	2h ago	DENY column for all except Compliance	DENY	Inactive
date_of_birth	patients_dim	1d ago	DENY column for all except Compliance	DENY	Inactive

Guardrails

Proposals are created inactive
Activation requires a human
Agents never toggle policies

Enforcement is not live yet
Policies are stored and toggleable; evaluation during query execution is still to ship.

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Agents / Governance

Agent Governance

What agents may do in this workspace

[Review Permissions](#)

Tools Exposed

40

Read-only Tools

15

Destructive Tools

6

Tool Permissions

Tool	Type	Requires Confirmation	Granted To
models_list	Read	—	All agents
queries_run	Execute	No	All agents
entities_create	Write	No	All agents
models_publish	Write	No	All agents
entities_delete	Destructive	No	All agents
models_archive	Destructive	No	All agents
access_policies_set_active	Destructive	No	All agents

Open Gaps

No confirmation on destructive tools

Irreversible operations execute on first call.

In-app assistant not wired

The application AI page is currently a placeholder.

Enforcement Path



Identical for human and agent callers — no separate route.