

Powerful, Intuitive Discovery with Euno

Inside Bolt's Data Governance Journey





At a glance

Bolt operates one of Europe's fastest-growing mobility platforms, supported by a large and evolving data ecosystem spread across many product domains.

Analytics Engineering Manager, **Silja Märdla**, leads the effort to bring clarity and consistency to this landscape, ensuring teams work with well-defined, trustworthy metrics.



SILJA MÄRDLA

Analytics Engineering Manager



INDUSTRY

Mobility & Technology

USE CASES

Data governance
Metrics alignment
Catalog & lineage

SCALE

15K+ Looker dashboards
5K+ dbt models
200+ schemas
5K+ dbt metrics

ADOPTION

Adopted by **over 70 data practitioners** with dozens of additional users every quarter



TL;DR

Bolt's data organization manages a large and complex ecosystem. As the analytics engineering team worked to centralize and govern metrics, they needed a tool that could support that effort.

Euno enabled that by providing **end-to-end visibility**, automated consistency across **dbt** and **Looker**, and powerful data-model queries that teams rely on regularly.

Before Euno	After Euno
Manual dbt ↔ Looker alignment	✓ Automatic semantic-layer sync
Difficult to understand dependencies	✓ Fully automated end to end column level lineage
Ownership data spread across tools	✓ Unified ownership and usage context
Hard to discover trusted metrics	✓ One searchable, AI-first intuitive catalog



THE CHALLENGE

Growing fast without losing confidence

Every fast-growing company hits the same crossroads: scale the business or govern the data. Bolt, one of Europe's fastest-growing mobility platforms, has chosen to do both, at once.

With thousands of models, dashboards, and data assets spread across dozens of teams, Bolt's analytics engineering organization needed a way to preserve trust and clarity without slowing the business.

“We operate in a hybrid data mesh, each team owns its own data, but we still need shared standards and governance to keep everything aligned.”

But even the best data catalogs fail if no one uses them. For Bolt, success meant ensuring adoption across data teams and gradually expanding that trust to the wider business.

Bolt's data stack is complex: Databricks, Airflow, dbt, Looker, Fivetran, and several data catalog tools, six in total, including Euno and DataHub.

At that scale: 15 000 + dashboards, 4 000 + dbt models, thousands of tables, the biggest challenge wasn't infrastructure, it was consistency.

“Analysts spent valuable time reconciling metrics. Ownership was uneven. And as the company expanded into new products, so did the complexity of its data landscape.”



THE TURNING POINT

Thinking in metrics, not tables

The analytics engineering team decided to rethink how they modeled data.

“We stopped thinking in tables and columns and started thinking in entities and metrics, each metric now has a clear definition, an owner, and a process for change.”

To make that approach work in practice, the team needed technology that could synchronize dbt and Looker and provide true end-to-end visibility across the data model, including the ability to ask complex, multi-layered questions that combine ownership, lineage, and usage in one view.



THE SOLUTION

Leveraging Euno as the connective layer



Euno plays two main roles for us, it syncs dbt with Looker to keep everything consistent.

*It acts as **the best metadata catalog** interface we have for exploring metrics, their definitions and their availability in data assets.”*

AFTER EUNO'S SYNC WENT LIVE:

dbt tables automatically map to Looker views [↗](#)

5K+ dbt metrics flow directly into Looker measures, forming a unified semantic layer.

Euno brings ownership, lineage, and usage across dbt and Looker together in one view, giving Bolt end-to-end visibility.

THE IMPACT

Cleaner models, fewer duplicates, and faster onboarding for analysts.



ADOPTION

Making Euno part of the everyday workflow

Today, Euno is deeply embedded across Bolt's data organization. Analytics engineers and data analysts rely on it daily for discovery, lineage, and governance, and adoption continues to grow every quarter.

The next phase is **rolling it out to business users**, gradually expanding access and awareness so that non-technical teams can also explore data confidently and find trusted assets on their own.

 Trending Dashboards EQL
Explore highly used dashboards

 dbt models EQL
Explore dbt models flagged with PII

Ask anything, in your own words

 Ask

 Usage intelligence insights DASHBOARDS
Explore most expensive refresh jobs and their usage

 Databricks → Looker
Explore Databricks marts powering your most-viewed dashboards



“Euno is already deeply used across our analytics teams, now we’re starting to share it more broadly, helping business users access and explore data the same way.”



IN PRACTICE

Exploring data deeply with Euno queries

One of the most powerful aspects of Euno for Bolt is its data model querying capability. It allows analytics engineers to explore relationships across layers and ask complex, multi-level questions about how data flows from the data sources all the way to Looker charts, including transformation logic, ownership, usage, and dependencies.

For example, an engineer can now ask:

Show me every dashboard that depends on any table in the **experimental** schema somewhere in its upstream.

 Ask Euno

```
type ~ 'dashboard' AND has upstream(type = 'table' AND  
database_schema ~ 'experimental')
```



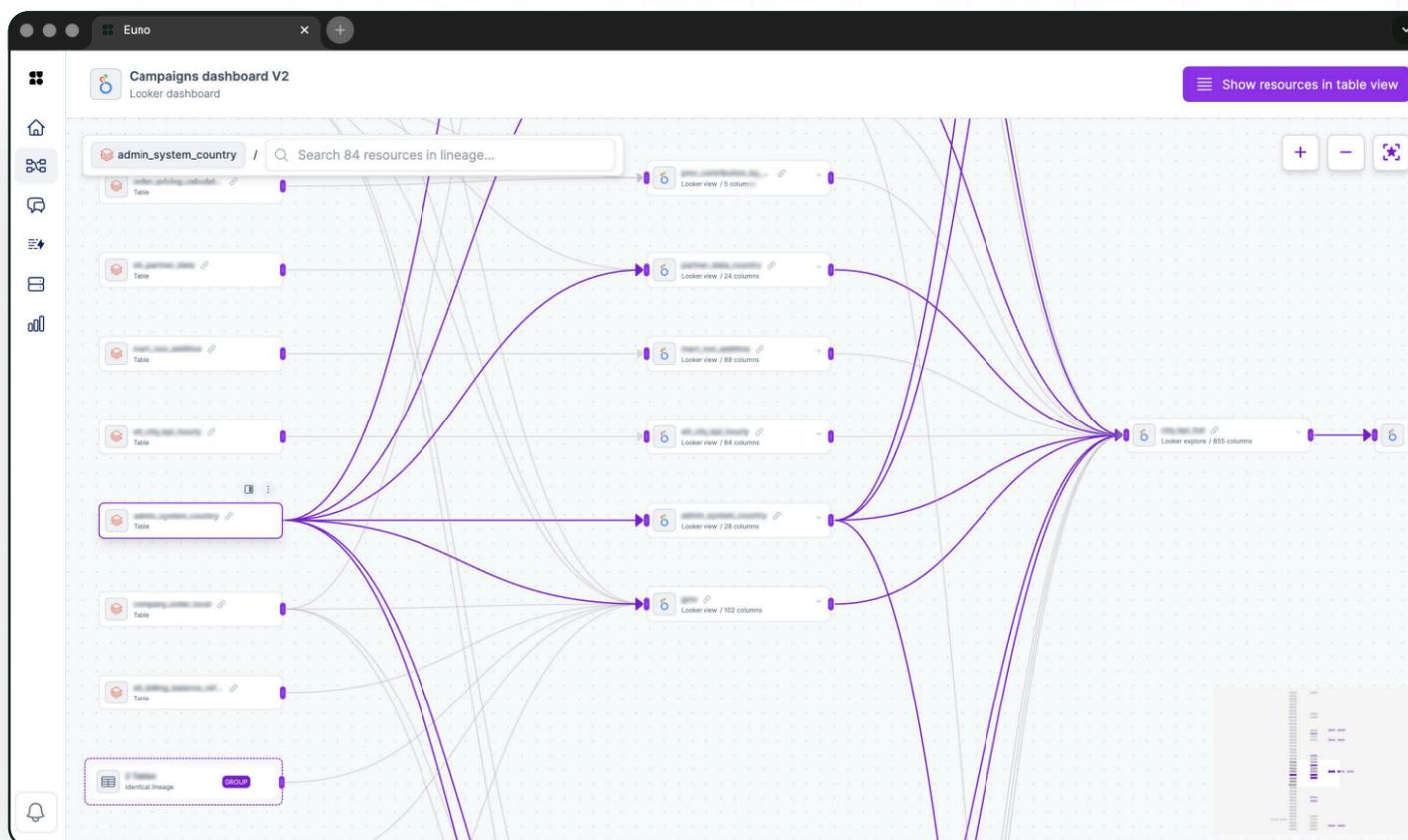
The queries in Euno are incredibly powerful.

They let us go deep into the data model, but more importantly, they let us isolate the specific paths we're looking for from the very large data model we have.



That depth of visibility has transformed how Bolt understands lineage. Instead of manually tracing dependencies, the team can instantly map how one model influences another, where metrics originate, and how they're used downstream.

Silja is especially excited about Euno's new DAG view, which visualizes lineage in a clean, interactive way.



It simplifies lineage exploration, I can see the dependencies right away, without digging through multiple tools.

I can already see myself using Euno's lineage view regularly. It's genuinely useful for navigating complex models.



LOOKING AHEAD

AI-ready data governance

Bolt's next frontier is enabling **self-serve analytics powered by AI** through Databricks Genie, Looker agents and other similar tools, without sacrificing trust.

Euno's lineage and **usage insights** are key to that plan, helping Bolt identify which models are most valuable and keep them up-to-date. Euno **automated classification** mechanism will mark assets as '**AI-ready**', ensuring reliability before exposure to AI systems.

This deep context can be now surfaced to AI agents in real time via **Euno's MCP server**, meaning Bolt's investment in governance will have a **direct impact on AI success**, turning trusted data foundations into reliable AI outcomes.



Euno helps you do the governance work you should be doing anyway, it just makes it more convenient.

SILJA MÄRDLA

Analytics Engineering Manager

Bolt



Explore how Euno can help your business too

[Book a demo](#)