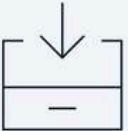
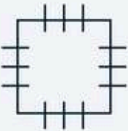
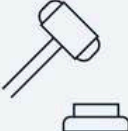



Datalogz Overview 2024

Ending BI Sprawl

Data consumption is often ignored but offers the biggest opportunity for cost management

Levers in each data area can enable significant cost management.

				
	1. Data sourcing	2. Data architecture	3. Data governance	4. Data consumption
Commonly observed issues	Usage of premium vendors Duplicative data sources	Fragmented environment	Overengineered scope	Large number of reports with highly manual processes
Typical levers	Control demand Manage or substitute vendors Enhance processes	Pause projects Offload data infrastructure Improve productivity of data engineers Simplify architecture	Refine scope of governance Streamline data controls and standards Automate using data tools and next-gen technologies	Rationalize reports Increase reporting automation Redesign operating model for reporting
Potential short-term (~6 months) savings in spending area, %	5–10	5–10	15–20	20–30
Potential long-term (~3 years) savings¹ in spending area, %	10–20	10–30	30–50	30–50

¹Cumulative savings, including short-term savings.



BI Sprawl leads to major problems!



Performance & Reliability Issues



Security Issues



No BI Governance



Increasing Infrastructure Cost



Growing Duplicates and Unused assets



Wasted Compute

We sit on the consumption layer







This is where **Datalogz** comes into action

Self-Service Analytics with Enhanced Security, Performance and Efficiency

Seamlessly Optimize and Govern Your BI Environment in Real-Time

- ✓ Preconfigured Alerts for Critical BI Issues
- ✓ Deploy your own monitors & alerts across your reporting stack

	Monitors	New Alerts	Active Alerts	New/Total Active Alerts
Usage	6	10	25	 10 of 25
Security	12	20	40	 20 of 40
Quality	8	15	45	 15 of 45
Performance	2	15	60	 15 of 60

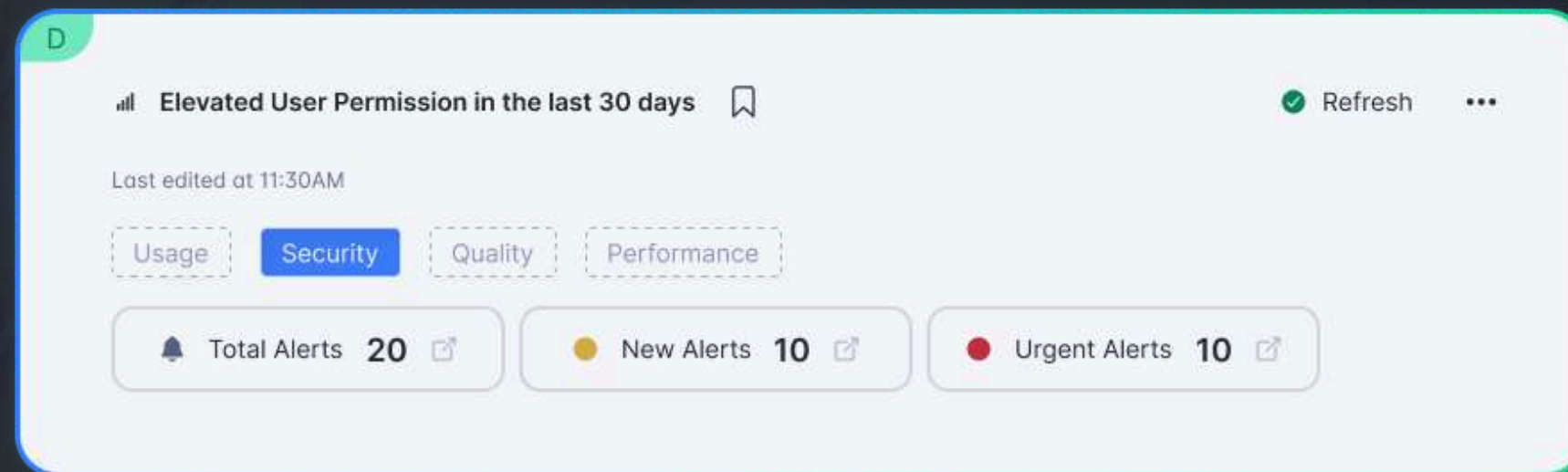
BI Governance & Security

- **User-Level Audit Trails**

- IP tracking for non-compliant access
- Understand user-to-asset behavior by individual, department, or a predefined user group.

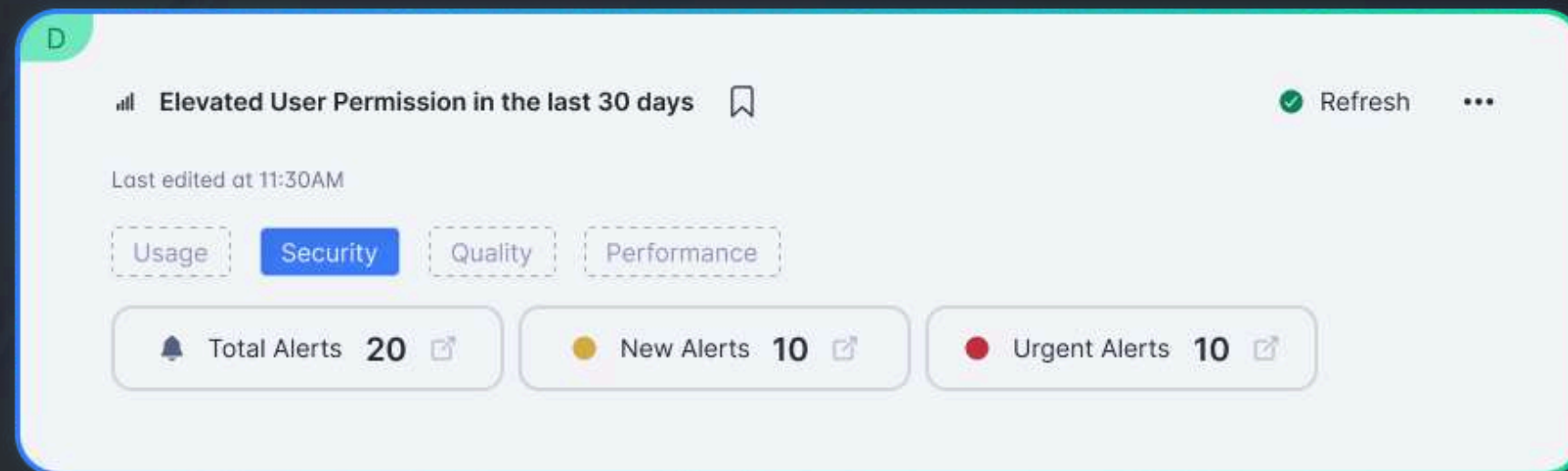
- **Dataset and Report-Level Insights**

- Track consumption of unendorsed assets
- Irregular Data exports



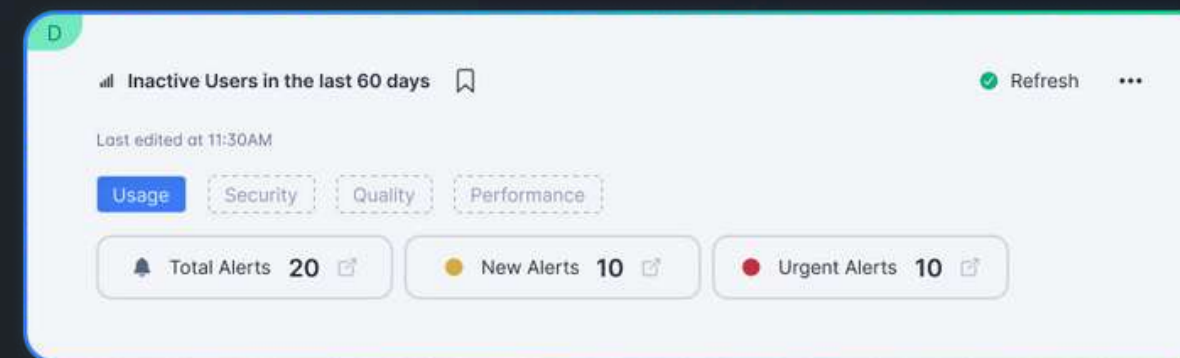
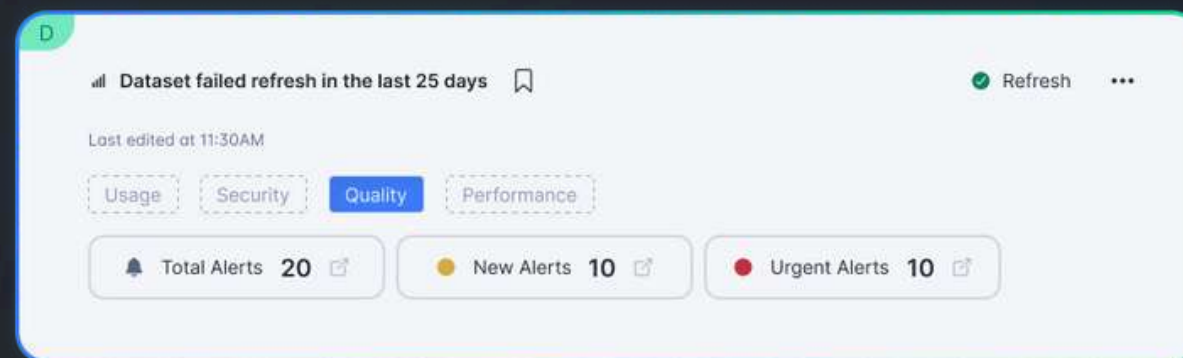
BI Governance & Security

- **Comprehensive Traceability**
 - Understanding asset-sharing behaviors
 - Geographic Access tracking
- **Enhanced Security and Compliance Monitoring**
 - Monitor administrative settings & changes
 - Monitor tenant settings & changes



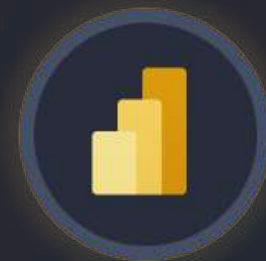
Platform Administration

- **License Management:** Inefficient license allocation leads to overspending.
- **Unused Assets:** Many reports and dashboards in Tableau and Power BI remain unused, consuming storage and resources.
- **Duplicate Datasets or Reports:** Multiple teams create duplicate datasets and reports, leading to redundant data storage and conflicting insights.
- **Failed Refresh:** Understand when data does not refresh.
- **Chargebacks:** Understand capacity usage by user groups or departments to accurately chargeback usage across businesses

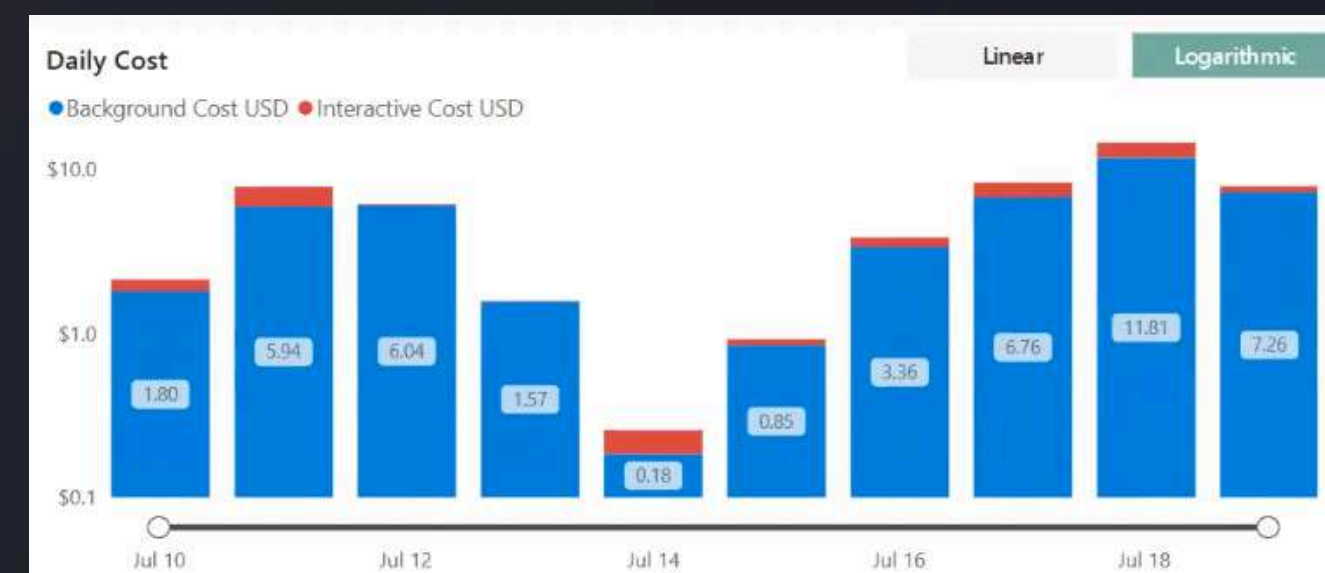


Capacity Utilization

Datalogz is capable of providing capacity optimization monitors, enabling us to delve deeper into individual asset activity to identify the root causes of consumption spikes. This capability empowers us to refine our understanding of capacity utilization rates.



- High Utilization and CPU Saturation
- Workload Management
- Cost Analysis on CU's consumed
- Fabric & Power BI Capacity Management



Fortune 100 Client Case Study

Category	Annual BI Cost <i>Power BI</i>	Reduction Client Avg.	Annual Savings Datalogz identified	How?
Licensing	\$720,000 40,000 pro & 3,000 premium licenses	20%	\$144,000	<ul style="list-style-type: none">• Identify Unused Premium Features• Inactive PPU Users
Premium Capacities	\$15,000,000 25 capacities, 50k per capacity per month	30%	\$4,500,000	<ul style="list-style-type: none">• Automate lifecycle management• Remove duplication• Dataset Consolidation• Archival & Deprecation
Warehouse (Snowflake)	\$276,000 12 TB data, 40,000 reports	50%	\$138,000	<ul style="list-style-type: none">• Datasource consolidation• Column reduction• Remove duplication• Partitioning and Clustering Performance (Snowflake)
Total	\$15,996,000	30%	\$4,782,000	

60 Days of Engineering Time Reduced

- ✓ Tenant and Activity Inventory Persisted
- ✓ 1,200 Automation and Bulk Actions
- ✓ Chargeback BI automated

Thousands of Risks Identified

- ✓ 200+ Report Duplication
- ✓ 2,000 similar measures
- ✓ 1,800 Repeated use with stale data
- ✓ Policy Deviation & Inconsistent IP usage

30% Reduction in BI costs

- ✓ 7,000 Datasets Consolidated
- ✓ 4,000 Licenses Removed/Consolidated
- ✓ 500 Refresh Schedule Changed
- ✓ 32,000 Unused Reports decommissioned

Workflows & Actions

1. **Automatic Issue Assignment**

Streamline issue resolution by automatically assigning responsibilities to the relevant business users, saving your team's time and effort.

2. **Delegate Actions to Stakeholders**

Directly assign tasks to the report owner, last user, or problem creator to ensure issues are addressed by those best positioned to resolve them.

3. **Proactive Alerts and Notifications**

Set up automatic reminders and notifications for any alerts or problems, ensuring timely attention and action to maintain BI system health.

4. **Enforce Accountability**

Require users to acknowledge and act on alerts and issues, promoting a culture of accountability and proactive management within your BI environment.

End Business Intelligence Sprawl with Datalogz
