

## SOLUTION BRIEF

# LumenData's Cost Governance Accelerator for Databricks

Complete visibility and control over billing cycles with proactive analytics

## Is your DBU billing cycle a black box?

Get full transparency into your Databricks billing cycles with LumenData's Cost Governance Accelerator. It provides a comprehensive cost analysis of your Databricks usage in real-time. No more surprises with large invoices at month's end. LumenData's Cost Governance Accelerator offers a complete breakdown of your recurring cost while providing powerful insights into your DBU consumption.

That is right. LumenData's Cost Governance Accelerator provides a clear picture of your monthly spending at your fingertips by offering complete visibility into:

- Who in your organization is spending?
- What workloads they are running?
- What tools consume the most units?

LumenData's Cost Governance Accelerator helps analyze your Databricks spending, optimize pipelines, and take control of data operations with proactive features like usage threshold alerts and predictive & prescriptive analytics.

## GAIN THE FOLLOWING INSIGHTS INTO YOUR DBU CONSUMPTION:

- Workflows & Streaming Usage
- User Usage
- Organizational Usage in Currency
- Credit Consumption by 3rd - Party Tools
- Monthly Cost Totals
- Datapipeline Billing Analysis
- Monthly and Yearly Cost Analysis
- Total Billings by Terabytes

## WORKFLOWS & STREAMING

Challenge: **IS YOUR PIPELINE CONSTRUCTION COST OVER BUDGET?  
TAKE BACK CONTROL NOW.**

### Solution



#### **JOBS**

Cost overruns are not uncommon when building out data engineering pipelines.

Our Cost Governance Accelerator provides you with complete insight into your pipeline cost so that you can build out cost-efficient data lakes at scale.



#### **DELTA LIVE TABLES(DLT)**

We also take the mystery out of live performance cost.

We expose the DLT Core Photon cost consumption of both SQL, Python, and Change-Data-Capture from any data source, providing you with a full cost analysis of live streaming operations into your Databricks platform.

## DATA WAREHOUSING

Challenge: **ARE YOUR LARGEST QUERIES TAXING YOU OUT OF YOUR HOUSE?**

### Solution

#### **Databricks SQL:**

- We expose the cost consumption of your largest running SQL Queries, allowing you to visualize your cost consumptions.
- Get timely insights into the queries that have the maximum cost impact on your organization, putting you in full control to optimize reporting schedules and just-in-time analytic strategies for managing your monthly burn rates.
- Full transparency also empowers you to align ETL/ELT and Machine Learning cost strategies for your fully managed, elastic serverless SQL Warehouses.

## DATA SCIENCE & MACHINE LEARNING

Challenge: **WHAT IS DATA SCIENCE AT A MASSIVE PARALLELIZED SCALE  
COSTING YOU?**

### Solution

#### **All Purpose Compute for Interactive Workloads**

We expose the cost of Data Science. We breakdown the consumption cost of machine learning workloads, including BI and Data Analytic workloads. In addition, you will know exactly how those auto-scale on-demand features impact your bottom line, providing you with full visibility into the cost of harnessing massive compute capacity on-demand.

#### **Serverless Real-time Inference**

Get to know how much the applications running on your Databricks Platform cost you.

We expose the user-level impact and how their concurrent request impacts your total DBU cost.

## DATABRICKS PLATFORMS & AD-ONS

Challenge: **LASTLY, WE ALL KNOW HOW STACKING UP THOSE HIDDEN APPS CAN MILK YOUR MONTHLY POCKETBOOK.**

### Solution

#### 3rd party Ad-Ons

We provide a comprehensive cost analysis of supporting Enterprise Applications. The cost of Applications like Salesforce, SAP, and Oracle that use JDBC or Data Science applications using Python is easily exposed with LumenData's Cost Governance Accelerator.

## PROACTIVE FEATURES DESIGNED TO ELEVATE CUSTOMER EXPERIENCE AND PROVIDE UNPARALLELED OBSERVABILITY IN DATA OPERATIONS

### Alerting for Usage Thresholds

- Our commitment to observability means that customers can now set custom usage thresholds within the platform. Whenever these thresholds are crossed, our system will automatically trigger alerts and send email notifications to the relevant teams within the organization.
- This real-time alerting ensures that customers are always in the know when it comes to resource consumption, helping them proactively manage and optimize data analytics processes. Stay ahead of potential challenges and maintain peak efficiency with this valuable feature.

### Predictive and Prescriptive Analytics

- This upgraded feature takes customers' analytics capabilities to the next level. Our platform is transitioning from descriptive analytics to predictive and prescriptive analytics. With this enhancement, our advanced models will not only provide insights into historical data but also predict usage trends for the next 1 month to 1 year.
- What's more, the platform will offer optimization suggestions based on these predictions. This proactive approach empowers customers to optimize resource allocation, make informed decisions, and maximize the efficiency of data operations.

## About LumenData

LumenData is a leading provider of **Enterprise Data Management, Cloud & Analytics** solutions. We help businesses navigate their data visualization and analytics anxieties and enable them to accelerate their innovation journeys.

**Founded** in 2008, with locations in multiple countries, LumenData is privileged to serve over 100 leading companies. LumenData is **SOC2 certified** and has instituted extensive controls to protect client data, including adherence to GDPR and CCPA regulations.



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