DATABRICKS DATA PLATFORM & APPS

HEALTH CHECK REPORT

A comprehensive view of productivity, cost and performance optimizations.

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These are just a small subset of the insights you get with Unravel to help you get familiarized with the platform, let's get started!

This is a health check report for the types of cost and performance insights Unravel provides you with. In this report, you will learn about the automation capabilities of Unravel's FinOps and Data Observability platform.

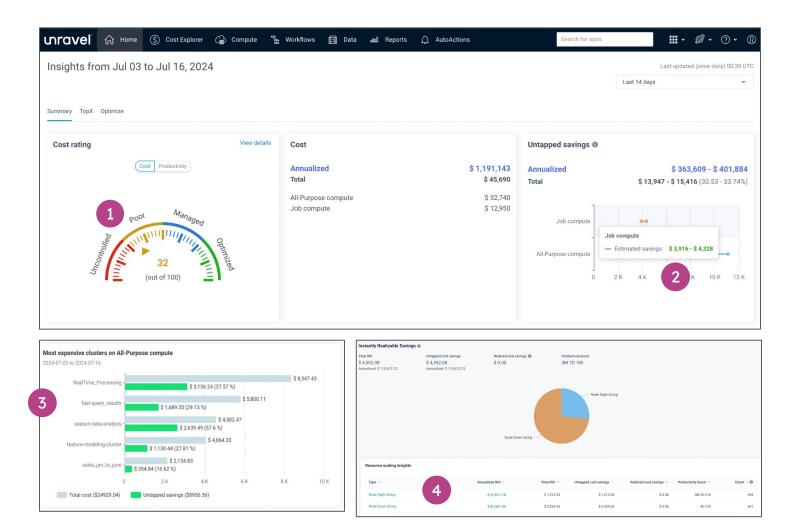
We will review a few examples of issues and insights automatically caught by Unravel and how simple it isto detect, root cause and resolve issues across your data platform, pipelines, and queries.

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Cost Optimization

COMPREHENSIVE OPTIMIZATION ACROSS JOBS, WORKSPACES, USERS

Unravel calculates your current 'cost rating', then provides clarity on where to focus (jobs, data, users, infra, etc) and what to do in order to improve your Databricks cost. Unravel even tracks the improvements made so you can keep on top of things.



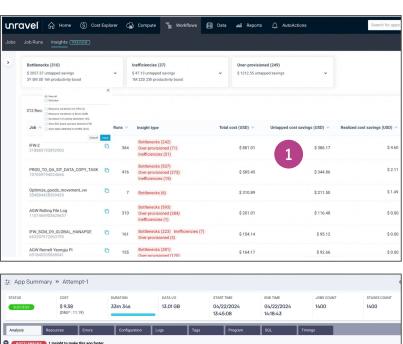
- 1. 32 'cost rating' indicates a poor cost health indicating that there are many recommendations from Unravel that can be applied to improve the 'cost rating'
- 2. 34% cost improvement (\$401K annually) can be realized by applying recommendations from Unravel.
- 3. Get clarity on where to focus optimization effort by understanding top users, clusters, workspaces. Example: The 'RealTime_Processing' cluster can be improved by 37% by tuning a few things.
- 4. Node rightsizing insights can help instantly realize over \$118k in annualized savings.

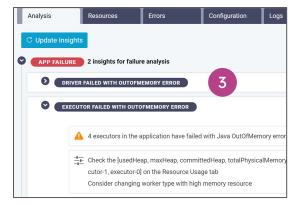
Performance Optimization

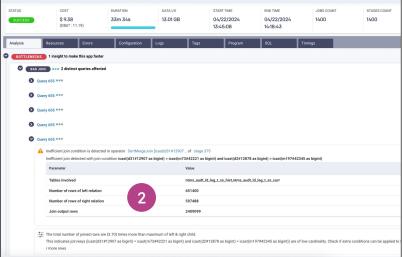
DEBUG AND TUNE JOBS OR WORKFLOWS FAST.

SAVE TIME TO FIND AND RESOLVE ERRORS, CODE INEFFICIENCIES, MISCONFIGURATIONS & MORE.

Unravel automatically pinpoints bottlenecks, errors, inefficiencies in complex jobs. Saving you time and effort, while guaranteeing performance SLAs.





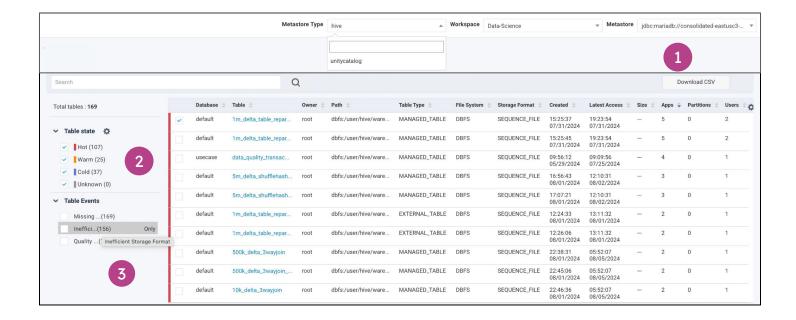


- 1. Unravel has automatically detected and diagnosed several performance issues including bottlenecks and inefficiencies.
- 2. This complex workflow with 1400 jobs took 34% more time to execute than usual. To understand the cause, would take 3 8 hours to diagnose manually. However, Unravel has automatically surfaced "Bad Joins" in the code and provides you a way to improve performance dramatically.
- 3. In the second example, Unravel automatically diagnosed an "Out-of-memory error", which caused the application to fail. This means users don't have to waste time digging through logs to resolve errors.

Data Optimization

DATA QUALITY, USAGE, ACCESS INTELLIGENCE & OPTIMIZATION.

Your guide to quickly understand which tables/files are being used, by whom, and when. How to improve data quality, and storage efficiency.



- 1. Connect your Unity catalog or Hive Metastore for usage and access analytics.. This provides you clarity on which user used a dataset, when and in which job.
- 2. 21% of tables are "cold" and haven't been used in a while. These could be deleted or moved to cold storage to save cost and improve efficiency.
- 3. Automatically surfaced inefficiencies such as 156 tables have "Inefficient storage format" which if fixed improves performance.

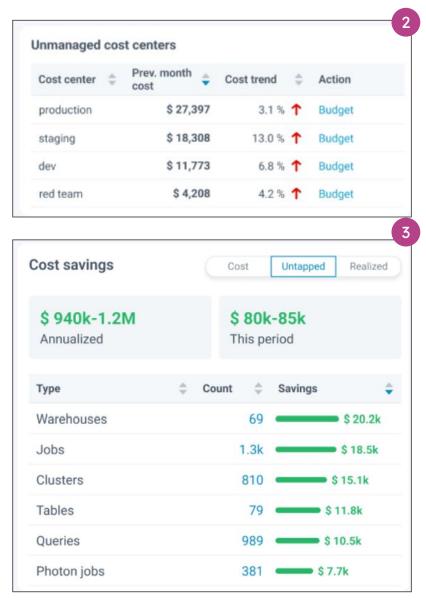
Proactive FinOps

PREVENT COST OVERRUNS.

AUTOMATE DETECTION, DIAGNOSES AND FIXES TO STAY UNDER BUDGET WHILE SCALING YOUR DATA ANALYTICS.

Unravel's FinOps agent acts as your team member and works for you or with you to resolve cost issues.





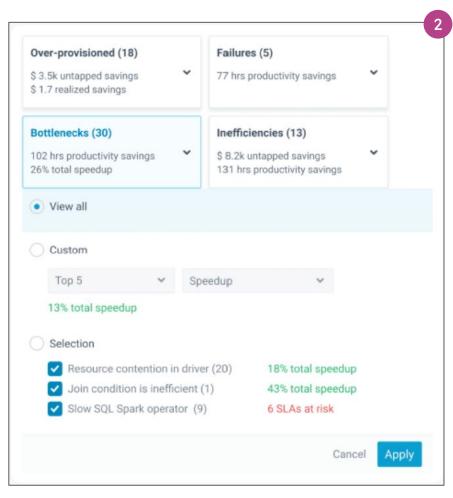
- 1. Unravel's FinOps agent taking cost-saving actions on your behalf. Or surfacing important areas needing your attention.
- 2. Proactive budget trackers to keep your teams and projects efficient.
- 3. Automatically surface every type of cost improvement possible across infrastructure, jobs, tables, users.

Proactive Operations

PREVENT PERFORMANCE ISSUES AND DOWNTIME.
AUTOMATE DETECTION, DIAGNOSES AND FIXES TO ENSURE PERFORMANCE AND RELIABILITY STANDARDS.

Unravel's DataOps agent acts as your team member and works for you or with you to resolve issues.





- 1. Unravel's DataOps surfacing errors, bottlenecks, and other problems proactively. From here Unravel can take action for you, or provide a guided remedy.
- 2. Proactive issues tracker with automatic diagnosis and remediation to help you keep your environment running optimally.

GET YOUR OWN HEALTH CHECK REPORT IN THREE EASY STEPS



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Securely connect to your Databricks telemetry



Review

Receive your Health Check report in your inbox

REQUEST YOUR FREE REPORT

About Unravel Data

Unravel Data is the first AI driven data observability and FinOps platform designed for the data stack. Unravel enables data driven organizations to identify and resolve performance, cost and reliability problems across platforms and pipelines. Its customers include Citibank, Maersk, Johnson & Johnson, UBS and Intel among others. Unravel Data is backed by Microsoft, GGV Capital, Menlo Ventures, Point72, Third Point Ventures and Harmony Ventures.

Visit <u>www.unraveldata.com</u> for more information.