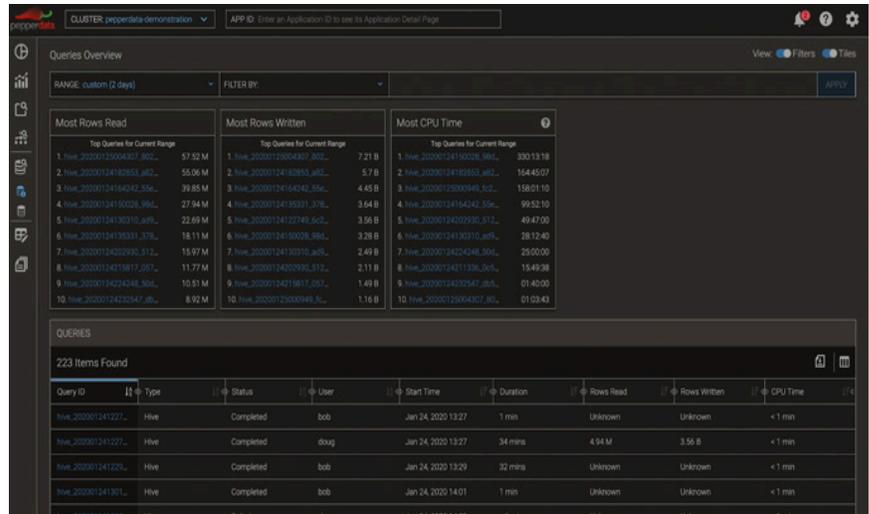# Query Spotlight

Get deep insight into query execution and database performance.

Get a 360° View of Your Queries

Using Pepperdata Query Spotlight, query workloads can be tuned, debugged, and optimized for better performance and reduced costs, both in the cloud and on premises. Operators and developers now have a way to understand the detailed performance characteristics of query workloads combined with infrastructure-wide issues that impact these workloads. Operators can quickly identify resource-intensive queries and optimize query performance at scale. Developers can rapidly ascertain query plan problems, identify bottlenecks, and speed time to resolution.

- Understand and manage utilization and performance with a single dashboard that includes time-correlated query views, database and infrastructure metrics, query run summaries, tables accessed, and query plans mapped to execution stages.

- Get quick root cause analysis with detailed visibility into query workloads, including delayed and most expensive queries as well as wasted CPU and memory queries, enabling root cause analysis.

- Monitor technologies and frameworks including Hive, IBM BigSQL, Redshift, and Snowflake.

Create and Receive Alerts on Query Health and Performance

In addition to visualizing detailed query information on resource utilization and database views, Query Spotlight enables you to create and receive alerts about queries so the operations teams can remediate issues and optimize query performance.

- Highlight hot partitions, outdated table statistics, and other system and storage issues.

- Receive notifications about execution plan skew, poorly optimized queries, and historical runtime variance.

- Use query data to alert and identify which applications will miss SLAs.
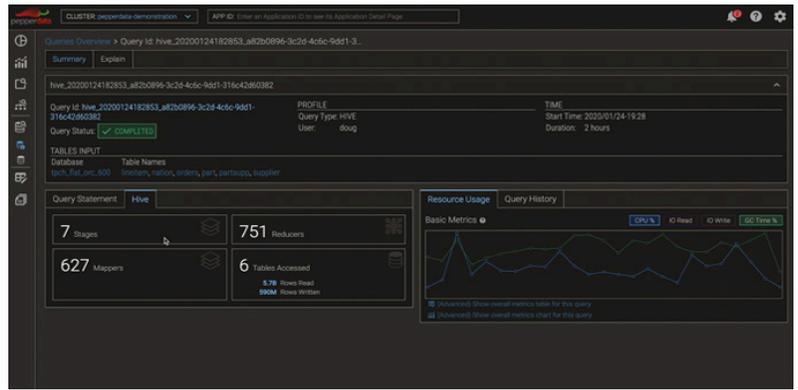
Pepperdata Experience

- We continuously monitor over 275 customer production clusters.
- These clusters have over 50,000 nodes spanning all big data distributions and hardware configurations.
- We monitor over one billion jobs and collect over 900 trillion data points annually.

Pepperdata Expertise

- We have extensive experience with Fortune 1000 customers.
- Our vast real-time proprietary data helps inform best practices and platform tuning.
- Our extensive experience with Fortune 1000 clusters provides insight to help you select the best hardware and software stack for your applications.
- Our experts help you squeeze the most performance out of your existing capacity and accurately forecast capacity needs.

Pepperdata Support

- Amazon Web Services
- Azure
- Google Cloud Platform
- Qubole
- Spark
- HDFS
- YARN
- MapReduce
- Kafka
- Tez
- Impala
- Hive
- HBASE

Get Hive-Specific SQL Query Planning

Query Spotlight enables developers to see Hive-specific SQL query planning and execution information, rapidly ascertain query plan problems, identify bottlenecks that contribute to slow queries, and speed time to resolution. Operators can quickly narrow down problematic queries in a multi-user environment and use the intelligence provided by Query Spotlight to optimize cluster resources and improve productivity.

About Pepperdata

Pepperdata provides analytics performance management that guarantees SLAs and reliability for your infrastructure and apps.

pepperdata.

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Schedule a demo
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