



Database Observability + Data Observability



DB marlin

+



Databand
an IBM Company

A winning combination that can protect data pipelines and database performance across your business

Data observability and database observability are two important concepts that go hand in hand. Data observability visualises and monitors the flow of data through pipelines across your business and database observability complements this by showing what is happening within the databases on which your data pipelines depend.

Data observability vs Database observability

Data observability shows:

- Pipeline quality showing missing or incorrect values
- Data freshness showing if a pipeline has stopped
- Pipeline schema showing if it contains additional or missing fields
- Data volume showing if there is more or less than expected
- Data lineage showing upstream and downstream impacts

Database observability shows:

- Your databases performance trends over time
- Which SQL statements are consuming most resources
- What those SQL statements are spending time on and any bottlenecks
- How to accelerate performance
- The impact of new releases on performance



“Data pipelines are frequently slowed down by underperforming databases.”

Srikumar Kumar Founder & CEO at Alparithm Technologies, an IBM Databand Platinum Business Partner



Data pipelines are often slowed down by poor database performance and while the Databand data observability solution tells you when a database is slowing down a pipeline and even identifies the offending SQL statement, it is not designed to show you why the database is slow.

This is when DBmarlin database observability comes into play, showing you how database resources are being used, why database bottlenecks are causing slowdowns and helping you optimise performance to solve the problem. It even shows you the impact of any changes that are made.

IBM Databand

Databand data observability provides real-time monitoring and analysis, allowing organisations to quickly identify and address data delivery and quality issues before they become major problems. It provides a data observability platform with a unified view of data pipelines, data quality, data lineage and pipeline performance. It automatically detects data anomalies, tracking data dependencies, and providing insights into data usage.

Data observability and database observability are two sides of the same coin. While they each shed light on different aspects of your data pipelines - their quality, data delivery and performance - their intersection is where the magic happens. Together, they form a formidable defence, ensuring the smooth, effective operation of your organisation's data architecture.

If you're eager to delve into how DBmarlin can shield the performance of your essential databases that are the lifeblood of your data pipelines, why not take it for a test drive?

Experience the power of DBmarlin firsthand by deploying it against one of your databases for FREE. Embark on this journey today and witness the profound impact of top-tier database observability.

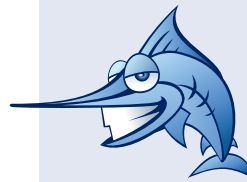
To find out more please contact:
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“ In order to ensure the effective functioning of a data pipeline, it is important to have observability in both the data and the database layers.”



Srikumar Kumar - CEO at Alpharithm

DBmarlin

DBmarlin adds value in the database observability space by providing detailed visibility into the performance and health of databases, capturing SQL statement text and wait states so you can see exactly where the time is spent. This allows developers, DevOps and SREs as well as DBAs to optimise database performance in support of your vital data pipelines.

