MySQL AI Release Notes

Abstract

This document contains release notes for the changes in each release of MySQL AI.

For additional MySQL AI documentation, see MySQL AI User Guide.

Updates to these notes occur as new product features are added, so that everybody can follow the development process. If a recent version is listed here that you cannot find on the download page (https://dev.mysql.com/downloads/), the version has not yet been released.

The documentation included in source and binary distributions may not be fully up to date with respect to release note entries because integration of the documentation occurs at release build time. For the most up-to-date release notes, please refer to the online documentation instead.

For legal information, see the Legal Notices.

For help with using MySQL, please visit the MySQL Forums, where you can discuss your issues with other MySQL users.

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Preface and Legal Notices

This document contains release notes for the changes in each release of MySQL AI.

Legal Notices

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Changes in MySQL AI, add-on to MySQL 9.5.0 (2025-10-21, Innovation Release)

AutoML

- MySQL AI AutoML now supports advanced recommendation capabilities with the introduction of Deep Recommendation models, a deep learning-based approach to building embedding models for personalized recommendations. This new feature leverages PyTorch to construct a deep learning pipeline, enabling faster similarity searches between you and products through the generation of user and item embeddings. With this update, MySQL AI AutoML lays the groundwork for delivering highly accurate and scalable personalized recommendations, enhancing the overall user experience.

  For more information, see (WL #16656)

- MySQL AI AutoML now supports enhanced log anomaly detection capabilities with the introduction of semantic feature embeddings. This update enriches the feature space by extracting semantic features from logs using embedding models and combining them with existing statistical TF-IDF features, ultimately improving the accuracy and effectiveness of log anomaly detection.

  For more information, see Anomaly Detection for Logs. (WL #17097)

GenAI

- MySQL AI now lets you generate SQL queries from natural-language statements using the new `NL_SQL` routine, making it easier for you to interact with databases. This feature collects information on the schemas, tables, and columns that you have access to, and then uses a Large Language Model (LLM) to generate an SQL query for the question pertaining to your data. It also lets you run the generated query and view the result set.

  For more information, see Generating SQL Queries From Natural-Language Statements. (Bug #38193173, WL #16315)

- MySQL AI now lets you run the `VECTOR_STORE_LOAD` routine asynchronously, enabling you to load tables without blocking or waiting for the load to complete.

  For more information, see Ingesting Files into a Vector Store. (WL #17114)

- MySQL AI now supports updating vector store tables, which lets you append specified files to the table and remove files from the table using a simple `DELETE` statement.

  For more information, see Updating a Vector Store. (WL #17126)

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