

Unify data for generative AI with IBM Netezza and watsonx.data using zero-ETL

Leverage Apache Iceberg to share a single copy of data and metadata for AI across the hybrid cloud

The ability to extract value from AI initiatives relies heavily on the availability and quality of an enterprise's underlying data. In order to unlock the full potential of data for AI, organizations must be able to effectively navigate their complex IT landscapes across the hybrid cloud.

Netezza customers can now experience the ability to :

- Access and share data across the hybrid cloud through a single point of entry, zero- ETL required.
- Store and share data for AI using Apache Iceberg open table format and open data formats like Parquet, combined with low-cost object storage. Storage constrained Netezza customers now have a choice to incrementally expand nodes or move less performant sensitive data to inexpensive cloud object storage.
- Optimize workloads for price-performance across Netezza and watsonx.data's Presto and Spark open-source query engines.
- Use watsonx.data's built-in generative AI capabilities to prepare and simplify data for analytics and AI using zero-SQL and leverage vector database capabilities for RAG-based AI apps.



Use cases for Netezza and watsonx.data include:

Optimize workloads

Use fit-for-purpose engines that scale up or scale down automatically.

Extend warehouse data to your IBM watsonx.data lakehouse
Get fresh insight from your warehouse data.

Share data using open formats

With this release, eliminate data silos by sharing Netezza tables with data lakes and lakehouse engines using Iceberg, Parquet, AVRO, ORC, CSV, JSON and more.

Curate data

Reduce the complexity and time required to prepare data for model training; use the watsonx.data engine to cleanse and transform data. Seamlessly bring lakehouse data back to Netezza as part of your curated dataset that's ready for reporting, analytics and AI.

[Learn more](#) →

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1. Total Value of Ownership (TVO) Assessment Highlighting Advantages of IBM Netezza Performance Server as a Service (NPSaaS) over Snowflake, Cabot Partners, March 2022