

New Features And Improvements

AtScale |2024.2.1 contains the following new features and improvements.

Aggregation Functions For Calculated Measures

You can now set the specific aggregation function to use for a calculated measure when it is referenced by the `Aggregate` MDX function. This enables you to more easily reference calculated measures from calculation groups.

To support this functionality, the dialog boxes for creating and editing calculated measures now contain an **MDX Aggregation Function** field, where you can select the aggregation function to use.



Note: AtScale recommends setting **MDX Aggregation Function** to a value other than **None** for calculated measures that are referenced via calculation groups.

For more information on the new field, see [Add Calculated Measures](#). For more information on the `Aggregate` MDX function, see [Aggregate](#).

ATSCALE-20582

New MDX Functions

AtScale now supports the following MDX functions: `NULLEXCEPT`, `ALLMEMBEREXCEPT`, `ALLMEMBER`. These enable you to control how sensitive your server-side calculations are to the inbound query context (i.e., the dimensions used in a query's grouping and filtering directives).

For more information on the new functions, see [MDX Reference](#).

ATSCALE-19554

Tableau With PostgresSQL

You can now connect to Tableau using the PostgreSQL JDBC driver. For instructions on configuring this, see [Installing PostgreSQL JDBC Drivers](#).

ATSCALE-20346

Tableau: Improved Tooltip Performance

AtScale now more efficiently supports MIN/MAX queries on dimension attributes, providing improved performance for tooltips in Tableau reports.

ATSCALE-20241

Distinct Count Estimate Aggregates With Databricks SQL

AtScale can now create aggregates using the distinct count estimate function when connected to a Databricks SQL data warehouse.

ATSCALE-10988

New DAX Function

AtScale now supports the UTCNOW DAX function. For more information on using DAX Tabular with AtScale, see [Using DAX Tabular](#).

ATSCALE-19848

Microsoft Excel: Improved Performance For Multi-Dimensional Result Set Assembly

AtScale now has improved performance for multi-dimensional result set assembly in Microsoft Excel, resulting in faster processing times.

Previously, result set assembly in Excel took a long time for queries that returned high numbers of cells. This improvement results in a 75% reduction in processing time for queries in the range of 100 thousand cells, and a 90% reduction in time for queries in the range of 1 million cells.

ATSCALE-16696

Outbound Query Optimization For Multi-Fact Models

AtScale is now optimized to reduce the size of outbound queries for multi-fact models that contain calculated measures that use CASE statements to check hierarchy members, and that emit 1-of-n measures from a single fact table.

ATSCALE-20234