

SelectMaxDate

Returns the max value (`Date` , `Timestamp` , or `Datetime`) from the specified table column.

This function serves as a manual substitute for the `Now()` and `CurrentTimestamp()` functions. It provides a way to manually control the dynamic expression key member by inserting or updating the table at the end of a periodic ETL batch job. In this way, you can have explicit control over the high-water mark used in the model without relying on the point-in-time return value of `Now()` or `CurrentTimestamp()`.

This function can be used to avoid exposing users to partially populated sets of tables. Additionally, it may be useful for models that rely on non-Gregorian values of `Now()` , as these models cannot use the `Now()` function to identify the current non-Gregorian Date key.

Syntax

```
selectMaxDate("Table", "Column")
```

Parameters

Table

The table that contains the `Column` you want to return the max date for.

Column

The specific column within the `Table` to return the max date for.

Examples

The following expression returns the maximum date value from the `data_load_complete_date` column of the `myschema.etl_high_watermark` table:

```
[Order Date Dimension].[Order Date Month Hierarchy].[Day].&[ `selectMaxDate("myschema.etl_high_watermark", "data_load_complete_date")` ]
```