

min

Last Modified on 09/03/2020 1:11 pm AEDT

Returns the minimum value from a list of values.

Function

```
min(input)
```

Arguments

Argument	Data Type
----------	-----------

input	comparable value list
--------------	-----------------------

result	comparable value
---------------	------------------

Comments

The **min** function can be used with various data types, and behave as follows:

- Numeric
 - **min** returns the lowest value. That is, the number closest to negative infinity.
- Date-only, Time-Only, Date-Time
 - **min** returns the earliest value.
- Strings
 - **min** returns the first value, when values are in alphabetical order
- Choice field values
 - **min** returns the choice value that is considered most minimum, which is to say the choice value that appears earliest on the list of values in the Choice Field Properties page.

Note: it is also possible to show the minimum value of a column in a report without writing a calculation by using [column totals](#) or by [summarising](#) a report relationship.

Examples

The following calculation assumes it is run in the context of a hypothetical purchase order record that has multiple items, each with a numeric 'weight' field. It returns the numeric weight value of the lightest item.

```
min([Items].[Weight])
```

The following calculation assumes it is run in the context of a person. It returns the priority level of the lowest in-progress task related to that user. For example, if the person has low, medium and high priority tasks in progress, the result will be 'Low'

```
min([Assigned Tasks].[Priority] where [Status]='In Progress')
```