

MicroStrategy Quick Guide: Creating Metrics

METRICS

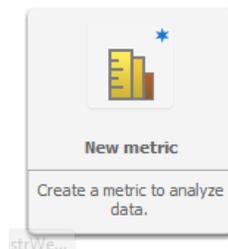
Metrics are calculations performed on facts in the data. Numeric data in the data marts are represented through Fact objects in MicroStrategy and used on reports in aggregate Metric objects. MicroStrategy also offers a wide range of function options that can be performed on metrics.

[Click here](#) for MicroStrategy's guide on functions available for use in metrics.

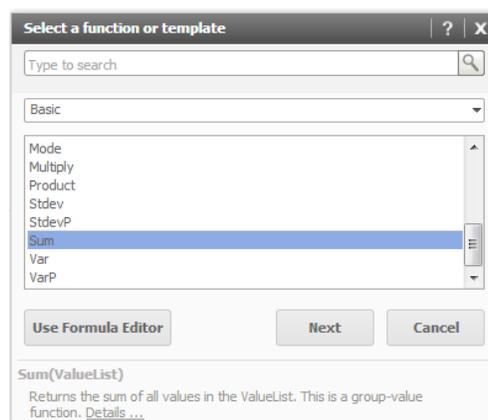
CREATE A METRIC

As a power user, you can create standalone metrics to be used on multiple reports.

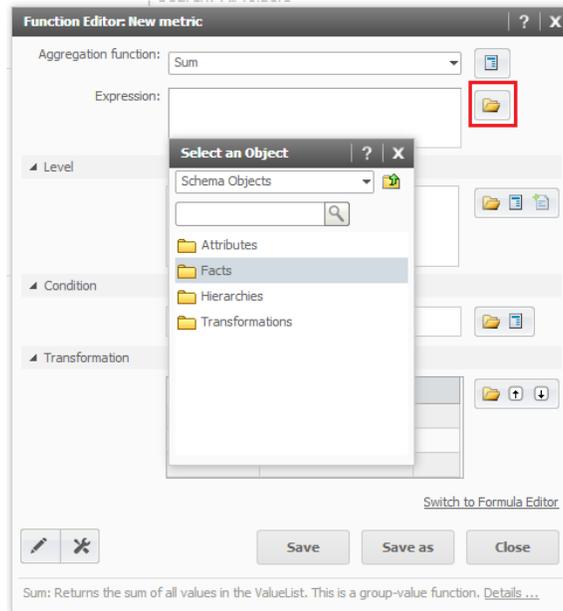
1. Navigate to the home screen in MicroStrategy.
2. Click the button that says "New Metric" within the Create menu



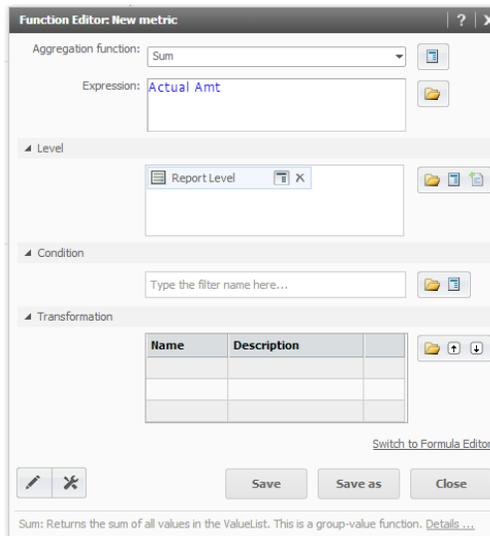
3. Select a function from the window that appears to create a new metric (search for a function by name or browse for a function using the function drop down menu and scroll list) and click Next to continue to the next screen.



4. Click the folder icon next to the expression window and navigate to the fact that you want to use in this metric



5. Optional: set the level, condition, and transformation properties of the metric.



- a. Level – the default level at which to calculate the metric is the Report Level. In most occasions you'll want to create a metric at the Report Level. To learn about other levels at which to calculate a metric, refer to [MicroStrategy's guide on Level Metrics](#).
- b. Condition – the default condition for a metric is empty, and the metric will be filtered based on the filter identified on the report using the metric. To filter the metric with specific conditions, navigate to a filter object using the folder icon next to the condition field.

- c. Transformation – define transformation properties when you want to offset the attribute at which the metric is calculated. For example, you can use a transformation object of “Last Year” to calculate the metric for the prior year. You’ll need to include the attribute that you’re transforming on the report in order for the metric values to have meaning. Transformation objects are setup by the project architect. Contact the RS Team for help with transformation objects.
6. Click “Save” or “Save As” to save the metric object to the desired location.