Add Semi-Additive Metrics

In AtScale, creating a Semi-Additive metric allows you to choose dimensions over which the fact data should not be aggregated. Instead, you have the choice of returning the first or last non-empty value of a result set.

> **Attention:** Semi-Additive Metrics and Calculated Metrics that depend on Semi-Additive metrics cannot be used in User-Defined Aggregates (UDAs). However, AtScale System-Defined Aggregates are able to use Semi-Additive metrics and their dependent Calculated metrics in aggregates.

Creating Semi-Additive Metrics

To create a semi-additive metric, you must either define it via SML entirely, or create the metric using the **Edit Metric** pane, then edit its SML.

To create a semi-additive metric:

1. Create a metric as described in Add Addive or Non-Additive Metrics.
2. In the **Aggregation type** field for the metric, select one of the following options: **Average**, **Sum**, **Min**, **Max**.
3. Save the metric, then switch to the **Text Editor** tab.
4. Define the `semi_additive` property for the metric, then save the file. For more information, see Metrics.