

Transformer Toolbar

Contents:

- *Grid/Columns*
- *Undo/Redo*
- *Replace*
- *Extract*
- *Count Matches*
- *Split Column*
- *Merge Columns*
- *Format*
- *Group by*
- *Pivot*
- *Unpivot*
- *Convert values to columns*
- *Objects and Arrays*
- *Filter Rows*
- *Functions*
- *Conditions*
- *Join*
- *Union*
- *Comment*
- *Target*
- *Select*
- *Find Column*
- *Filters*

At the top of the data grid and the column browser, the Transformer toolbar provides quick access to common transformations. When a tool is selected from one of the drop-downs in the toolbar, a new step is inserted into the current location in your recipe with some parameters pre-specified for you. You can then finish specifying the parameters of the transformation in the Transform Builder.



Figure: Transformer Toolbar

Grid/Columns

Use these buttons to toggle between the data grid and column browser views of the Transformer page.

- See *Data Grid Panel*.
- See *Column Browser Panel*.

Undo/Redo

Undo or redo previous actions.

Replace

Replace cell values based on data type validation, string literals, or patterns. See *Replace Groups of Values*.

Extract

Extract string or numeric values using data validation, literal matches, or patterns. See *Extract Values*.

Count Matches

Count the number of matching literals or patterns in a column.

Split Column

Split a single column into multiple columns based on a common delimiter or a pattern-based expression.

Merge Columns

Merge two or more columns together.

Format

Format String and Datetime values using a variety of functions.

Group by

Compute aggregation functions for values grouped by columns. Output is new table or one or more columns in the current dataset. For more information, see *Create Aggregations*.

Pivot

Generate a pivot table of your data based on specified row and column labels. See *Pivot Data*.

Unpivot

Collapse columns into row data.

Convert values to columns

Reshape your data by converting unique values into columns or columns into rows.

Objects and Arrays

Use these tools to manipulate your dataset based on columns of Object or Array type.

Filter Rows

Remove or keep rows of data based on data type validation, conditionals, source row numbers, or other factors.

- See *Remove Data*.
- See *Deduplicate Data*.

Functions

Generate a new column of data based on a specified function.

For a list of available functions, see *Language Index*.

Conditions

Use if/then/else or case logic to apply conditionals to your dataset.

See *Apply Conditional Transformations*.

Join

Join the current dataset with another dataset using a pair of matching keys.

See *Join Panel*.

Union

Add the rows of data from one or more datasets to your current dataset.

See *Union Page*.

Comment

Insert a comment in your recipe at the current step. Comments do not perform any modification to the data.


See *Add Comments to Your Recipe*.

Target

Attach a target schema to the current recipe or remove it. If a target is attached, you can attempt to auto-match all source and target columns.

- For more information on these options, see *Column Browser Panel*.
- For more information on this feature, see *Overview of RapidTarget*.

Select

 **NOTE:** This menu is only available in the Column Browser.


Select all or no columns, or invert the currently selected columns. See *Column Browser Panel*.

Find Column

Locate a column in your dataset by typing in the textbox. For more information, see *Data Grid Panel*.

Filters

Filter the displayed rows and columns based on selection or condition.

 **NOTE:** Filtered data is hidden from display. It is not removed from the sample or the dataset during execution.

See *Filter Data*.