Column Menus

Contents:

You can use the menus available in a column context menu to perform a variety of actions on the column or columns.

Column menus are available in the following pages:

- *Data Grid Panel*
- *Column Browser Panel*
- *Column Details Panel*

Depending on the data type of the column, the available options may vary.

> **NOTE:** In the Column Browser panel, you can select multiple columns at the same time. The displayed column menu items are only the ones that apply to columns of all data types.

Data Type Menu

On the left side of the column header, in the Data Grid you can click the data type icon to review and select a different data type for the column.

- When you select the Datetime data type, you can choose the format against which values in the column are validated. See *Choose Datetime Format Dialog*.
- For more information, see *Supported Data Types*.

Action Menu

On the right side of the column header, select the drop-down caret to choose one of the following actions.

- Some options are available only for specific data types.
- In most cases, these actions result in a new step being inserted at the current location in your recipe. Before you apply one, you should verify that you are at the proper position in the recipe to apply this step.

Show in Grid

When a single column is selected in the Column Browser panel, you can use this option to select the data grid and change its focus to display the selected column.

> **Tip:** Use the Column Browser panel to quickly locate and select columns for display or other actions. See *Column Browser Panel*.

Automatically update

Unlock the column's data type. For more information, see *Change Column Data Type*.

Rename

Rename the column.

For more information on column name requirements, see *Rename Columns*.

Change type

Change the data type of the column. See *Supported Data Types*.

Move

Move the column to the beginning or end or to a specified location in the dataset.

Hide

Hide this column from display in the application. To redisplay this column, you must select it in the Visible Columns panel. See *Visible Columns Panel*.

> **NOTE:** Hide/Show commands do not create transformation steps. Hidden columns still exist in the output.

> **NOTE:** When a column is hidden from a dataset, it is hidden for all users. You should check the column browser for hidden columns in shared datasets.

Sort

Sort: Sort the values in the column by ascending or descending value. This command does not apply to some data types.

> **NOTE:** Sort is intended primarily for display purposes in the Transformer page.

When a column is sorted in ascending order, the bottom values are mismatched and null values, in that order. These values appear at the top of the column when sorted in descending order.

Edit with formula

Modify the column values based on a formula that you input. For more information, see *Transform Builder*.

Format

Format the values in the column according to the selection.

> **NOTE:** This menu is available only for columns of String and Datetime type.

Calculate

Calculate a new column containing the values computed from the source column based on the selected function. This command does not apply to all data types.

Create column from examples

Using a source column, you can create a new column using the source values as examples.

> **Tip:** The transformation-by-example feature can be used in place of standardization or extraction transformations and may be simpler to use.

See *Create Column by Example*.

For more information on transformation-by-example, see *Overview of TBE*.

Group by

Group by minimum or maximum value, counts, or arbitrary function. See *Create Aggregations*.

Pivot

Generate summary table based on computations aggregated across groups.

Restructure

Restructure your dataset by converting column values to columns, nesting values into objects or arrays, and unpivoting your data.

Filter rows

Filter the rows in your dataset based on column values, duplicate values in the column, or other condition. See *Filter Data*.

Replace

Replace values in the selected column with based on text values, patterns, or delimiters. See *Replace Groups of Values*.

Standardize

Standardize individual and clustered row values for consistency. See *Standardize Page*.

Extract

Extract values from the selected column based on text values, specific types of data, or patterns in the data. Optionally, extracted data can be removed from the source. See *Extract Values*.

Split column

Split the column into separate columns based on patterns, delimiters, positions in the value, or regular intervals throughout the value.

Column Details

Explore the interactive profile of the column details. See *Column Details Panel*.

Show related Steps in Recipe

Highlight steps in the recipe panel where the selected column is referenced.

- If another column is dependent on the selected column, all steps pertaining to that column are highlighted as well.
- To dismiss the highlighting, click **Clear** at the top of the recipe panel.

Lookup

Perform a lookup of the column values against a set of values in another column of another dataset. See *Lookup Wizard*.

Delete

Remove the column from the dataset.

> **Tip:** You can also select **Hide** to remove the column from display in the data grid. The column does remain as part of the dataset and is included in any generated results.

Delete others

Delete the columns other than the selected column(s) from the dataset.

Copy, Cut, and Paste

You can copy and paste columns and column values into other areas of your dataset. For more information, see *Copy and Paste Columns*.