Column Browser Panel

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Through the Column Browser, you can use data quality bars and data type information to perform basic review of data across many columns. You can use these tools to select data of interest for display in the data grid or Column Details views or to prompt for suggestions of recipe steps.

- You can also use the Column Browser to toggle the display of individual columns.
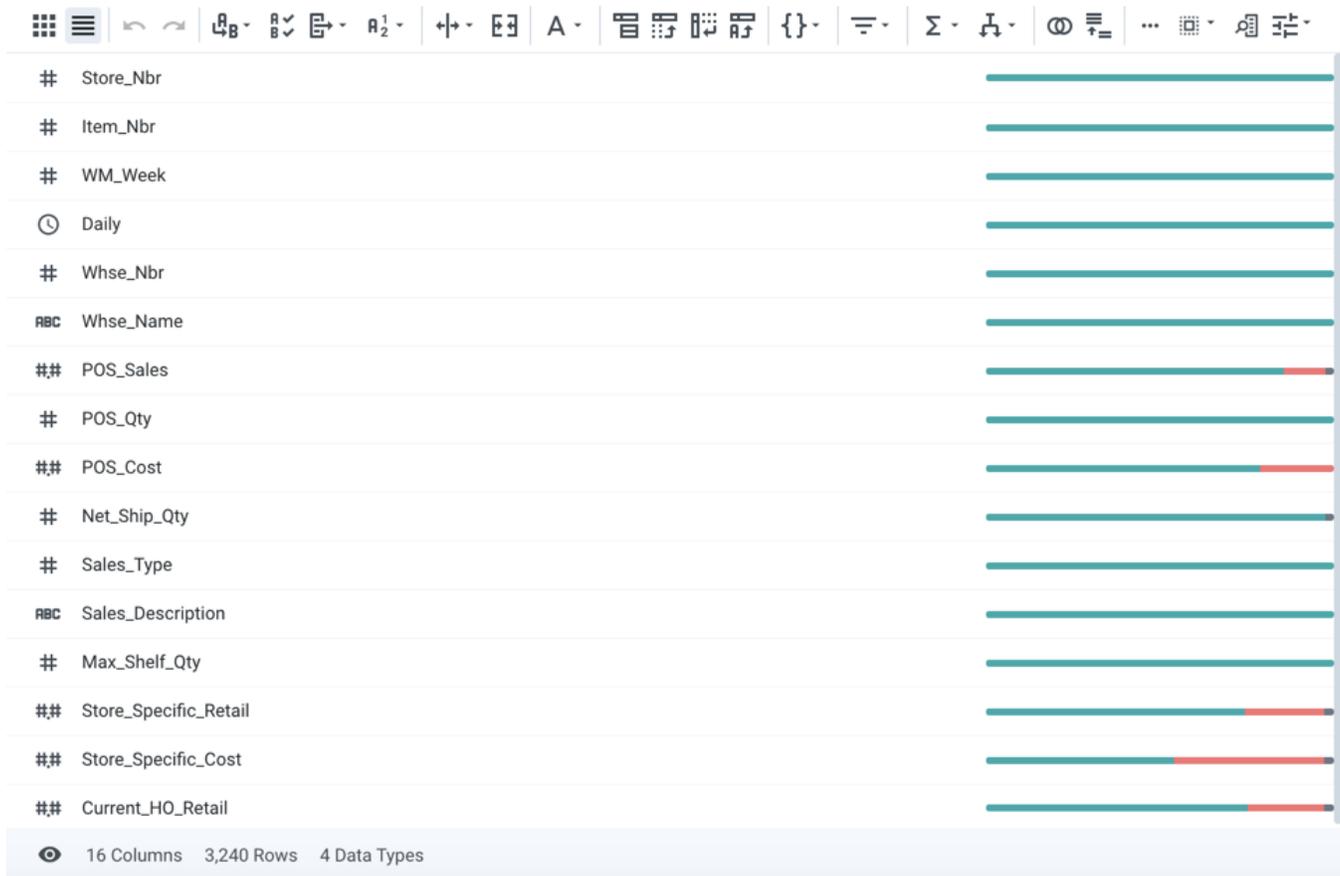- To open the Column Browser, click the Column View icon in the Transformer bar for the Transformer page.

Figure: Column Browser

You can select one or more columns in the browser and then perform actions on them.

Locate Columns

You can apply one or more filters to limit the set of columns displayed in the browser. Click the Filter icon in the Transformer toolbar.

> **NOTE:** Filters are additive and persist between the column browser and the data grid.

For more information, see *Filter Panel*.

Select Columns

You can manually select one or more columns or apply one of the predefined selections.

- To select a range of columns, click a column, press `SHIFT` and then click the ending column.
- To select multiple discrete columns, press `CTRL`/`COMMAND` and click additional columns.
- To toggle selection of a column, click it again.
- You can copy and paste columns and column values. For more information, see *Copy and Paste Columns*.

Transformer Toolbar

At the top of the column browser, you can use the toolbar to quickly build common transformations, filter the display, and other operations. See *Transformer Toolbar*.

Column Actions

For any individual column:

- Click the Eye icon to hide/show of the column in the Transformer page. See *Visible Columns Panel*.

  > **NOTE:** Hidden columns are only removed from view in the Transformer page. They still appear in any generated output.

- Hover over the color bars in the data quality bar to review counts. See *Data Quality Bars*.
- Right-click a column to display a list of actions in the context menu. Column actions apply only to the selected column and depend on its data type.
    - For multiple selected columns, you can choose an action from the Action menu an option that apply to all of the selected columns.
    - See *Column Menus*.

RapidTarget Matching

You can associate a target schema with a recipe. A **target schema** is information about the column names, data types, and order of the target dataset for which you are trying to build your recipe. For more information, see *Overview of RapidTarget*.

Actions taken based on the target schema are rendered as new steps in your recipe at the current location.
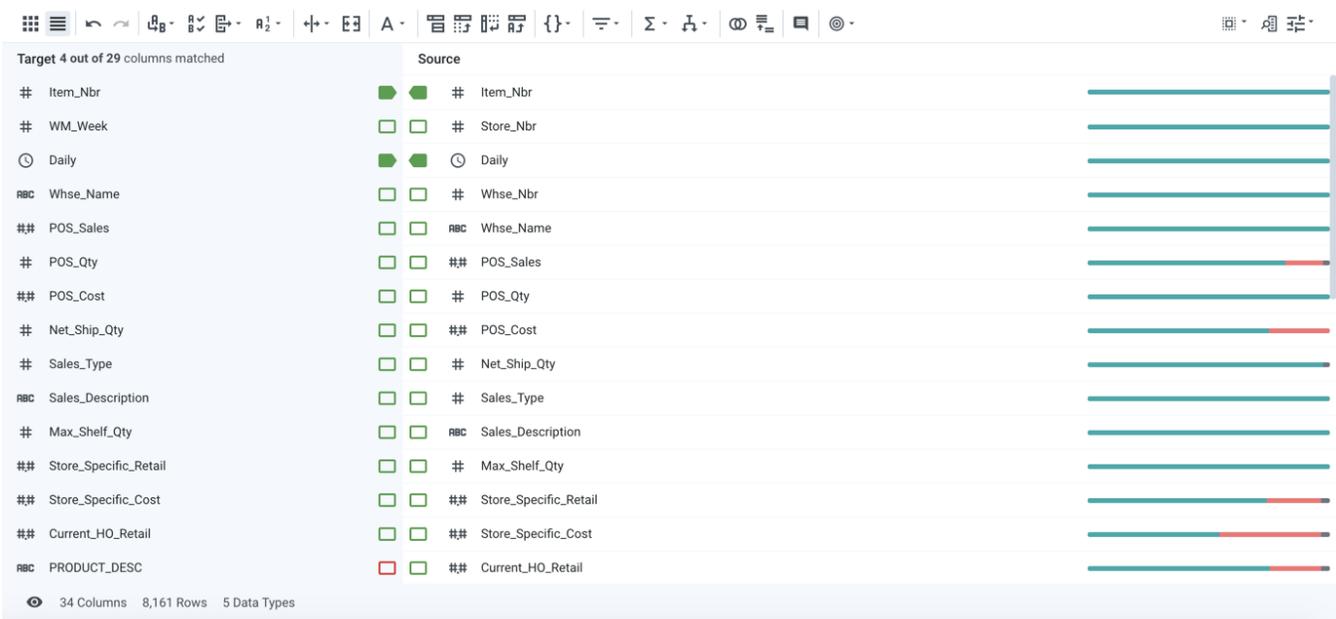
Figure: RapidTarget Panel in Column Browser

In the RapidTarget panel, a target schema that has been associated with your recipe is displayed as an extra set of columns on the left side:

Side	Description
Left	Column from target
Right	Column from source (current recipe)

Schema Tags:

Between the two sets of fields are a set of tags that describe the matching between the two columns in the order listed in each dataset. Each tag describes the match found for the corresponding target or source column.

- Matches by position are arrows.
- Matches by data type are green in color.
- Red color indicates no match at all.

> **Tip:** Mouse over tags that are not solid green to learn the nature of the column mismatch. You can then click the tag to insert steps in your recipe to match the two columns.

Match by Name	Match by Data Type	Match by Position	Icon	Description
No	-	-	Square - red outline	Target column has no identifiable name match in source. Column appears to be missing from source. > **Tip:** Click the source or target rectangle to manually assign a matching column.
Yes	No	No	Square - blue outline	Source column name has a matching target column name, but it is in the incorrect location.
Yes	Yes	No	Square - green outline	Source column name and data type have a match in the target, but it is in a different position.

| Yes | No | Yes | Arrow - blue outline | Source column and target column match in name and position, but have different types. |
| Yes | Yes | Yes | Arrow - green solid | Source and target columns match in name, position, and type. |

Target menu actions:

From the Transformer toolbar, you can select the following options from the Target menu:

- **Attach a new Target:** Assign a target schema to the dataset.
- **Remove attached Target:** Remove the target from assignment to the source. Target schema dataset is not deleted.
- **Hide/Show attached Target's data:** Toggle display of example rows from the target schema dataset.
- **Apply matches by name:** Columns are automatically matched when column names match.

When you have selected one or more source columns, you can additionally perform the following actions:

- **Fix selected matches:** For the selected columns that match, fix them.
- **Fix columns by position:** For columns that are aligned correctly with the target but are not matched by the application, you can use this option to force the application to recognize them as a match.