Select

You can completely replace the columns in your dataset by selecting source columns, functions computed from the source, and constant values.

> **NOTE:** This transformation completely replaces the existing table, which could have significant effects on any downstream recipes or reference datasets that already exist.

Create Your Table

Steps:

1. In the Transformer page, open the Recipe panel.
2. In the recipe, locate the step where you wish to insert the transformation to create your new table.

   > **NOTE:** If your Create Table transformation renames or omits columns, references to them later in your recipe or in other downstream objects may be broken.

3. In the search bar, enter `Select`. Choose the transformation.
4. In the Transform Builder, you can create the columns in order for your new table. For each column:
   a. In the upper field, enter the source of the column. The source can be one of the following:
      i. A column name in your source
      ii. A function. Example:

      ```
      POW(myBaseVal,5)
      ```

      > **NOTE:** When creating a table, aggregate and window functions are not supported. After you have created your table, you can apply these functions are normal.

      iii. A constant value. Example:

      ```
      'valid'
      ```

   b. In the lower field, you enter a name for the column in the new table.
5. To add a new column, click **Add**. Repeat the previous steps.
   a. You can remove columns, if needed. Click **Remove** next to the column entry.
6. To create the new table when you've specified your columns, click **Add**.

The new table replaces your previous set of columns.

> **Tip:** After you have created your new table, you can disable or delete the step to revert to the previous state.

Use RapidTarget

This transformation is added to your recipe when you perform column matching between your source dataset and a target schema. The results of your column matching work are rendered as a single Create Table transformation in your recipe.

> **Tip:** If you have a target schema to which you can assign to your recipe, you may find it easier to create your new table using RapidTarget, which provides a visual interface for performing these remappings.

NOTE: RapidTarget does not support inserting columns containing constants or generated by functions. You can insert those column as a later step.

For more information, see *Overview of RapidTarget*.