

# EXAMPLE - Rename columns with rows

This example illustrates how you can rename columns based on the contents of specified rows.

## Source:

You have imported the following racer data on heat times from a CSV file. When loaded in the Transformer page, it looks like the following:

(rowId)	column2	column3	column4	column5
1	Racer	Heat 1	Heat 2	Heat 3
2	Racer X	37.22	38.22	37.61
3	Racer Y	41.33	DQ	38.04
4	Racer Z	39.27	39.04	38.85

In the above, the (rowId) column references the row numbers displayed in the data grid; it is not part of the dataset. This information is available when you hover over the black dot on the left side of the screen.

## Transformation:

You have examined the best performance in each heat according to the sample. You then notice that the data contains headers, but you forget how it was originally sorted. The data now looks like the following:

(rowId)	column2	column3	column4	column5
1	Racer Y	41.33	DQ	38.04
2	Racer	Heat 1	Heat 2	Heat 3
3	Racer X	37.22	38.22	37.61
4	Racer Z	39.27	39.04	38.85

You can use the following transformation to use the third row as your header for each column:

<b>Transformation Name</b>	Rename column with row(s)
<b>Parameter: Option</b>	Use row(s) as column names
<b>Parameter: Type</b>	Use a single row to name columns
<b>Parameter: Row number</b>	3

## Results:

After you have applied the above transformation, your data should look like the following:

(rowId)	Racer	Heat_1	Heat_2	Heat_3
3	Racer Y	41.33	DQ	38.04
2	Racer X	37.22	38.22	37.61
4	Racer Z	39.27	39.04	38.85