

Sort

Block Group:	Table Operations
Icon:	

The Sort block returns a new table that reorders the input table's rows.

For information on using dataflow blocks, see [Dataflow](#).

For answers to some common questions about working with tables, see [Tables](#).

Input/Output Properties

The following properties of the Sort block can take input and give output.

- input (*table*)
- column (*string*)
- method (*enum*)
- order (*string*)

input receives the table that you want to sort.

column specifies the name of the table column to sort by.

method specifies whether to sort values as strings (alphabetically) or as numbers.

order specifies whether to sort values in ascending or descending order.

Output Property

The following property of the Sort block can give output but cannot take input.

- output (*table*)

output returns the sorted table.

Example

The following image shows an example of the Sort block. In this example, the Sort block reorders the table rows in ascending order based on the **Room_Temp** column.

The screenshot shows a Dataflow interface with three main blocks: **strLoader**, **csvParser**, and **tableSort**. The **tableSort** block is highlighted with a blue border and has the following configuration:

- input: Table
- column: Room_Temp
- method: number
- order: ascending
- output: Table

Below the blocks are two preview windows showing the data before and after sorting. The left window shows the original data, and the right window shows the data sorted by Room_Temp in ascending order.

Occ	Room_Temp	Unit_Name
Yes	74	VAV 1_1
No	63	VAV 1_2
Yes	79	VAV 1_3
No	62	VAV 1_4
Yes	79	VAV 1_5
No	68	VAV 1_6
Yes	66	VAV 1_7

Occ	Room_Temp	Unit_Name
Yes	50	VAV 2_1
No	57	VAV 2_3
No	62	VAV 1_4
No	63	VAV 1_2
Yes	66	VAV 1_7
No	67	VAV 2_4
No	68	VAV 1_6

[Previous: Column Mapping](#)

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