

Cleanup

- **Sort by**
Sorts a table by the specified column(s).
- **Filter**
Filters rows based on the specified condition.
- **Remove duplicates**
Removes duplicated rows.
- **Split column**
Splits a column into new columns or array based on a specified delimiter.
- **Extract text**
Extracts the specified part of text into a new column(s) or array.
- **Find and replace**
Finds and replaces the specified part of text.
- **Count matches**
Finds and counts all matches in a column(s) of a specified text.
- **Change type**
Changes a data type for selected column(s).
- **Modify columns**
Renames, deletes and moves columns.

Semi-structured data

- **API table**
Create a new table from an external API call
- **API column**
Calls an external API and return a new column with answers.
- **To JSON**
Creates Objects or Arrays in JSON format from the specified columns.
- **From JSON**
Flatten JSON to columns and rows.

Calculate

- **New column**
Adds a new column with "text", number, or formula.
- **If...Else**
Adds a new column with a value based on the specified condition.
- **Window functions**
Calculates a window function operates on a group ("window") of related rows.

Connect your data

- **Create empty table**
Adds an editable dataset for manual input.
- **Use Tabula catalog or import files**
Choose one of the files in catalog or upload a new one.
- **Connect data warehouses or apps**
Select one of the sources configured on the connectors page.



450+
data sources

Main navigation

Toolbar

Available transforms (nodes)

Flow editor

Drag-and-drop canvas with data flow

Result preview

Output table of the selected node

Column bar

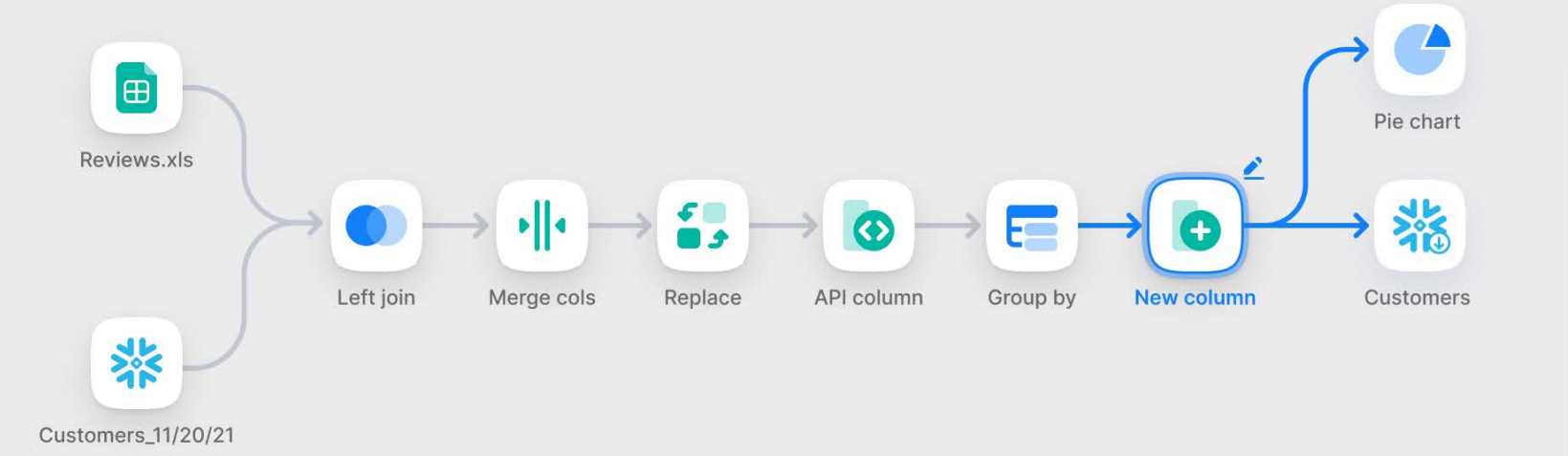
Search and navigate table's columns

Flows / FlowName

Flow Report

+ Schedule Run Go to Job

AI Col Source Output Chart New col Columns Filter Sort Split Find Extract Pivot Join Group Union



Transform Assist Stats

New column
New column_1

Set value to
fx = Year(Date)

Column name
Year

+ Add column

Cancel Apply

Preview

Column search	Name	.#	Score	Date	#	Year	City
Aa Name	1,232,323 Uniques	4.5 - 7.0	20/01/01 - 23/12/31	2020 - 2023	982,197 Uniques		
.# Score	1 Abram Torff	4.5	2020/12/24	2020	Ottawa		
Date	2 Wilson Saris	4.5	2020/11/07	2020	Halifax		
Aa City	3 Talan RhieI Madsen	4.5	2022/09/04	2022	Red Deer		
Aa Company	4 Talan RhieI Madsen	4.5	2022/08/02	2022	Red Deer		
	5 Carla Ekstrom	4.5	2020/10/11	2020	Medicine Hat		
	6 Cristofer Gouse	4.5	2020/10/14	2020	Charlottetown		

Sidebar tabs

Switch between node settings, AI assistant, and statistics panel

Property grid

Node's settings

Prospecting and enrichment

- **Search**
Finds companies, people or jobs using specified filters.
- **Enrich people**
Enrich each person by retrieving information from various providers.
- **Enrich companies**
Enrich each company by retrieving information from various providers.
- **Verify email**
Check the validity of emails.
- **Scrape web**
Scrape web pages and retrieve their content.

Table transformations

- **Merge tables**
Joins 2 tables using the specified columns as keys.
- **Stack tables**
Stacks rows of two or more tables.
- **Group by (aggregate)**
Groups rows and calculate aggregation functions.
- **Pivot**
Creates new columns from values in the specified column.
- **Unpivot**
Merges one or more columns into key and value columns.

Visualize

- **Column chart**
Displays data with vertical bars representing values.
- **Bar chart**
Displays data with horizontal bars representing values.
- **Line chart**
Shows changes in value across continuous measurements.

Data types (column types)

- **String.** Sequence of characters, e.g. "This is a string".
- **Integer.** Whole number, e.g. -10 or 453.
- **Decimal.** Floating point number, e.g. -0.432 or 45.39.
- **Date.** Calendar date, e.g. 22/10/2020.
- **Time.** Time of the day, e.g. 18:23:45.
- **DateTime.** Calendar date with time part, e.g. 22/10/2020 18:23:45.
- **Boolean.** Two possible values true(1) and false(0).
- **Array.** Collection of elements, e.g. ["red", "orange", "green"].
- **Object.** Key-value pairs, e.g. {"name": "John", "age": 30}.

How to change column type?

 or 

Use Change type node Use column menu

Functions

- **Math.** Mathematical operations, e.g. Round(100.23) → 100.
- **String.** Manipulates with strings, e.g. Lower("Dog") → "dog".
- **Conversion.** Convert columns types, e.g. ToDecimal(1) → 1.0.
- **Trigonometric.** Relates to angles and triangles, e.g. sin(30) → 0.5.
- **Date & Time.** Manipulates with date & time types, e.g. now().
- **Misc.** Misc functions and operators, e.g. Random() → 0.47.
- **Aggregate.** Calculations on a set of values, e.g. Sum(1,2,3) → 6.
- **Window.** Calculations across a set of table rows.
- **Custom.** User-defined functions.

How to merge columns?



Use Concat() function or operator |

AI Nodes

- **AI Column**
Adds new columns based on user's prompt.
- **AI table**
Makes a complex transform with a natural language.

AI column
New magic column

Prompt
Remove all character symbols from
All rows

AI table
New AI table

Call the nodes

SQL variable name	Original node
Table_1	Source
Table_2	New column

UK 2,998 36%

Last week
2,998 0.3%

