



Analytics Canvas Tutorial:

How to use the Pivot Block



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Overview

Welcome to Analytics Canvas's Pivot Block tutorial. This is one of a number of detailed tutorials in which we explain how each feature within Analytics Canvas works, with additional context to help you understand it better, and to use it to best suit your own needs.

How to use the Pivot Block



Figure 1: Pivot Block

To transform data structure using the Pivot Block:

Step 1. Drag and drop the Pivot Block from the Block Library onto the Main Canvas

Step 2. Connect input data.

Step 3. Configure Pivot settings: specify where column labels should come from, and which column contains the values, then select a summary method, and pick other columns that should remain in the data set. *Analytics Canvas* pivots the data.

Note: The other option is to configure Transpose settings: pick columns to transpose, and Canvas adds transposed columns.

Step 4. Click on the output stub of the Pivot Block and use Data Viewer to view the results.



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dbo TC15_Retail (85.1 k) → Pivot 1 → Database table export 1 (170.3 k)

Main Canvas

Data | Block Messages | Pivot 1

Block Name: Pivot 1

Rows to columns (Pivot) Columns to rows (Transpose)

Columns to transpose:

- Count_Transaction N
- Sum_Value
- Date
- Category
- Region
- Country
- Province
- City
- Address
- Postal Code
- Store Name

New column with former column names: OrigColumn

New column with values: ValueColumn

Data type: Number

170272 rows.

	Count_Transaction N	Date	Region	Count
▶	1	8/10/2014	Central	
	1	8/10/2014	Central	
	1	3/30/2014	Prairie	
	1	3/30/2014	Prairie	
	1	5/5/2014	Prairie	
	1	5/5/2014	Prairie	
	1	10/16/2014	Central	

Figure 2: Using Pivot Block (Transpose)

Conclusion

Thank you for reading this tutorial. We invite you to continue with the tutorial training to learn more about using Analytics Canvas.