



Analytics Canvas Tutorial:

How to use the Calculate Block



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Overview

Welcome to Analytics Canvas's Calculate 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 Calculate Block



Figure 1: Calculate Block

To perform data transformation in the Calculate Block:

Step 1. Bring the Calculate Block from the Block Library onto the Main Canvas, and connect it to the input data.

Step 2. To add new columns, press the "+ Calc Col" button. Define the calculation using functions and expressions in the Calculation Editor. Name the new column and click "OK".

Step 3. To edit columns, click on the "..." button. Edit column definition in the Calculation Editor and click "OK".

Step 4. To rename a column simply type a new column name.

Step 5. To change column order, click on the column and drag it up or down.

Step 6. To delete a column, click on the "Delete" button.

Step 7. Pass the output of the Calculate Block to another block.

Step 8. Click on the output stub of the Calculate Block, and use Data Viewer to view the created columns.



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Store_Information csv

Calculation Block 1

Excel Workbook export 1

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Main Canvas

Data Block Messages Calculation Block 1

Block Name Calculation Block 1 Calculation Block

+ Calc Col + Input Col Delete All Set to Source

Number	123	...	RowID()
Country	ABC	...	IF([Original.Country]="Canada", "CAN", [Original.Country])
Province	ABC	...	[Original.Province]
City	ABC	...	[Original.City]
Street	ABC	...	[Original.Address]
Postal Code	ABC	...	[Original.Postal Code]
Store Name	ABC	...	[Original.Store Name]

Figure 2: Using Calculate Block

Conclusion

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