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# Analytics Canvas Tutorial:

## *How to use the Mapped Combine Block*



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### **Overview**

Welcome to Analytics Canvas's Mapped Combine 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 Mapped Combine Block**



*Figure 1: Mapped Combine Block*

To combine datasets using Mapped Combine Block:

Step 1. Select Mapped Combine Block from the Block Library and drag and drop it onto the Main Canvas.

Step 2. Connect the block to the two datasets.

Step 3. Click on the column names to establish column mapping.

Step 4. Select which table provides the column names. Decide if you want to include unmapped columns.

Step 5. Click on the output stub of the Mapped Combine Block, and use Data Viewer to ensure your datasets are combined correctly.



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The screenshot shows the Analytics Canvas interface. At the top, a canvas displays three data sources: 'ProductCatalogue.xlsxSheet1AB', 'ProductSales.xlsxSheet1AC', and 'Calculation Block 1'. The 'ProductCatalogue.xlsxSheet1AB' source is connected to the 'Mapped Combine 1' block with a value of 227. The 'ProductSales.xlsxSheet1AC' source is connected to the 'Mapped Combine 1' block with a value of 100.0 k. The 'Mapped Combine 1' block is connected to the 'Calculation Block 1' with a value of 100.2 k. Below the canvas is a configuration panel for the 'Mapped Combine 1' block. The panel includes a 'Block Name' field set to 'Mapped Combine 1'. On the left, there are two source blocks: 'ProductCatalogue.xlsxSheet1AB' and 'ProductSales.xlsxSheet1AC'. The 'ProductSales.xlsxSheet1AC' block is selected, and its columns are mapped to the output columns: 'Category' to 'PRODUCT CATEGORY', 'Item' to 'ITEM', and 'Price' to 'PRICE'. On the right, there are options for 'Mapped Column Name Source' (radio buttons for 'ProductCatalogue.xlsxSheet1AB' and 'ProductSales.xlsxSheet1AC', with the latter selected), 'Include unmapped columns from ProductCatalogue.xlsxSheet1AB' (checkbox), 'Include unmapped columns from ProductSales.xlsxSheet1AC' (checkbox, checked), and 'Include a column with the name of the source block' (checkbox). Below these options is a 'Source Column name' field with the value 'Source\_Block'. On the far right, there is an 'Output Columns' panel listing 'PRODUCT CATEGORY', 'ITEM', and 'PRICE'. At the bottom of the configuration panel, there is a note: 'Note: Unmapped columns will have null for rows for rows from sources without that column'.

Figure 2: Using the Mapped Combine Block

### Conclusion

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