

# Filter



The Filter is a commonly used widget when using tables within your dashboard. The filter widget allows you to filter, page, and sort a table based on parameters provided.

## Workflows

The Standard Workflow when using a Filter Widget is to first define the source table by binding from another table. After a source table is defined, you can start applying different table transformations to the Input Table. For filtering, a simple expression would be something like "row == 0", or "row <= 9". To set up Table Paging, start by enabling paging, then defining exactly how many items should be considered a page. This process will effectively filter out a set of rows based on page size, and current page. Table Sort allows you to define a certain style of sorting on the array, as well as defining which column to base the sorting on. The final step is to bind the output table to the next step in your dashboard, such as a Repeater or a Chart.

## Properties

Preview	Property	Description
	Input	Table of Data to be Filtered, Paged, and / or Sorted
	Sheet ID	Numeric Value of Sheet to use from Table
	Total Rows	Numeric Output of Total Number of Rows in Table
	Filter	String Value for Filter Expression*
	Use Numeric Filter	If Enabled, Filter Expression will be treated as a Numeric Filter
	Output	Table of Data that has been Filtered, Paged, and / or Sorted
	Update	When Invoked, will force Update of Output Table
	Error Message	In the event of an Error, an Error Message will be printed here

Preview	Property	Description
<b>Data Paging</b> <input type="checkbox"/> <b>Enable Paging</b> <b>Page Size</b> <input type="text" value="10"/> <b>Current Page</b> <input type="text" value="0"/> <b>Total Pages</b> <input type="text" value="0"/> <b>First Page</b> <input type="button" value="Invoke"/> <b>Previous Page</b> <input type="button" value="Invoke"/> <b>Next Page</b> <input type="button" value="Invoke"/> <b>Last Page</b> <input type="button" value="Invoke"/>	Enable Paging	If Enabled, Input Table will be split into Pages
	Page Size	Specify how many Rows per Page
	Current Page	Output Value of Currently Selected Page
	Total Pages	Output Value of Total Pages
	First Page	When Invoked, will switch to First Page
	Previous Page	When Invoked, will switch to Current Page - 1
	Next Page	When Invoked, will switch to Current Page + 1
	Last Page	When Invoked, will switch to Last Page
	Enable Sort	When Enabled, Input Table will be Sorted
	Sort Field	Specify which column to use as Sort Field
<b>Data Sort</b> <input type="checkbox"/> <b>Enable Sort</b> <b>Sort Field</b> <input type="text"/> <input type="checkbox"/> <b>Numeric Sort</b> <input type="checkbox"/> <b>Case Insensitive</b> <input type="checkbox"/> <b>Descending</b>	Numeric Sort	If enabled, will perform Numeric Sort
	Case Insensitive	If enabled, will ignore case when Sorting
	Descending	If enabled, will sort in Descending Order

## Demo

Sample Video of Widget in Use

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