

Hogwarts Table Features

The Hogwarts Table visualization is the default visualization in Superset. Users are encouraged to use the Hogwarts Table visualization in place of Superset's Table visualization, as numerous features have been added to the Hogwarts Table to fulfill user requirements.

This page describes the features that have been added to the Hogwarts Table (AgGrid), including those added to replicate features present in Superset's Table visualization, and those which are not (at the time of writing) available in Superset's Table visualization.

Feature	Notes	Available in Hogwarts Table	Available in Superset Table																																																												
Search	<p>Users can perform a text search on local results when viewing data in an Explore or in a Dashboard. Note that this will search only returned results; no queries will be reissued.</p> <div><div>Search</div><div>100 records...</div></div>	Yes	Yes																																																												
Pagination	<p>Users can configure their chart to show results in pages.</p> <div>1 to 20 of 100 < < Page 1 of 5 > > </div>	Yes	Yes																																																												
Column Reordering	<p>Users can reorder columns in the Hogwarts Table in a Dashboard or an Explore. If columns are reordered in the Explore view and the chart is save, that column ordering will persist when the chart is added to a Dashboard. If columns are reordered when viewing the chart in a Dashboard, that ordering will reset every time the Dashboard is reloaded.</p> <p>Having column order persist after it is set in the Explore view provides a method to reorder a large number of columns without having to deselect and re-select fields in the leftward control panel.</p> <p>*As of 2.0, the Superset Table allows columns to be reordered when viewing the chart in a Dashboard. Columns cannot be reordered in the Explore except by deselecting and re-selecting fields in the leftward field picker.</p> <p>AgGrid Neustar IPv4</p> <div><div>Show</div><div>20</div><div>▼</div><div>entries</div></div> <table><tr><th>#</th><th>country_cf</th><th>region</th><th>state</th><th>state_code</th><th>state_cf</th></tr><tr><td>1</td><td>99</td><td>south</td><td>parana</td><td>pr</td><td>95</td></tr><tr><td>2</td><td>99</td><td>south</td><td>parana</td><td>pr</td><td>95</td></tr><tr><td>3</td><td>99</td><td>south</td><td>parana</td><td>pr</td><td>95</td></tr><tr><td>4</td><td>99</td><td>south</td><td>parana</td><td>pr</td><td>95</td></tr><tr><td>5</td><td>99</td><td>south</td><td>parana</td><td>pr</td><td>95</td></tr><tr><td>6</td><td>99</td><td>south</td><td>parana</td><td>pr</td><td>95</td></tr><tr><td>7</td><td>99</td><td>south</td><td>parana</td><td>pr</td><td>95</td></tr><tr><td>8</td><td>99</td><td>south</td><td>parana</td><td>pr</td><td>95</td></tr><tr><td><</td><td>></td><td><</td><td></td><td></td><td></td></tr></table>	#	country_cf	region	state	state_code	state_cf	1	99	south	parana	pr	95	2	99	south	parana	pr	95	3	99	south	parana	pr	95	4	99	south	parana	pr	95	5	99	south	parana	pr	95	6	99	south	parana	pr	95	7	99	south	parana	pr	95	8	99	south	parana	pr	95	<	>	<				Yes	Partially*
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AgGrid Neustar IPv4

Show 20 entries

#	country_cf	region	state	state code
1	99	south	parana	pr
2	99	south	parana	pr
3	99	south	parana	pr
4	99	south	parana	pr
5	99	south	parana	pr
6	99	south	parana	pr
7	99	south	parana	pr
8	99	south	parana	pr

Column Resizing

Users can dynamically resize columns in the Hogwarts Table when viewing it in a dashboard.

Auto-sizing options are also available in the column menu (shown below).

AgGrid Neustar IPv4

Show 20 entries

#	start_ip_int
1	174.218.146.12
2	174.218.146.12
3	174.218.146.12
4	174.218.146.13
5	174.218.146.13
6	174.218.146.14
7	174.218.146.144
8	174.218.146.148

Pin Column

Autosize This Column

Autosize All Columns

Group by start_ip_int

Reset Columns

Grouping

Search results can be grouped locally.

AgGrid Cisco Top1M

#	Group	timeperiod
1	1 (11)	
2	netflix.com (6)	
3		2022-05-2
4		2022-07-3
5		2022-08-1
6		2022-07-2
7		2022-05-3
8		2022-06-2
3	google.com (5)	
2	2 (11)	

Pin Column

Autosize This Column

Autosize All Columns

Group by timeperiod

Reset Columns

Expand All

Collapse All

Sorting

Users can sort by multiple fields by shift+clicking on an additional column header.

Yes

Yes

Yes

Partially*

AgGrid Neustar IPv4

Show 20 entries

#	start_ip_int	end_ip_int	continent	country
1	174.218.146.120	2933559931	north america	

*While this feature is also present in the Superset Table, the Hogwarts Table displays numbers indicating the order in which fields were sorted.

Copying

User can copy cell values by right-clicking and selecting the “Copy” option. Alternately, they may select “Copy with Headers” to include the column header with the selected field in the copied value.

Yes

AgGrid Neustar IPv4

Show 20 entries

#	start_ip_int	end_ip_int	continent	country
1	174.218.146.120	2933559931	north america	united states
2	174.218.146.124	2933559935	north america	united states
3	174.218.146.128	2933559939	north america	united states
4	174.218.146.132	2933559943	north america	united states
5	174.218.146.136	2933559947	north america	united states
6	174.218.146.140	2933559951	north america	united states
7	174.218.146.144	2933559955	north america	united states
8	174.218.146.148	2933559959	north america	united states

For example, if the selection illustrated above were copied with headers, the copied value would be:

```
1 start_ip_int    end_ip_int
2 2933559936    2933559939
```

Note that the underlying value in the database (not the value rendered based on advanced types) is currently copied.

Selecting/Emitting Multiple Filters

Users can select multiple cells in the Hogwarts Table with ctrl+click. These selected values can then be emitted by right-clicking and selecting “Emit Filters” from the context menu.

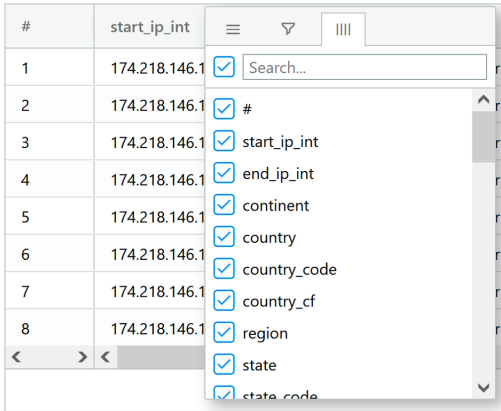
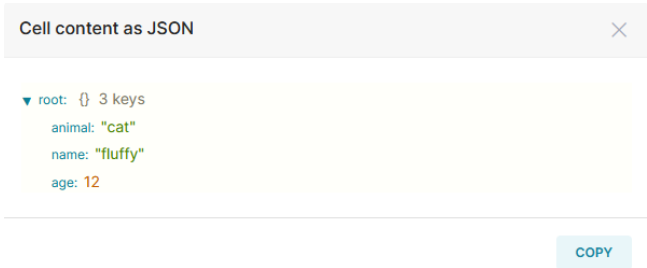
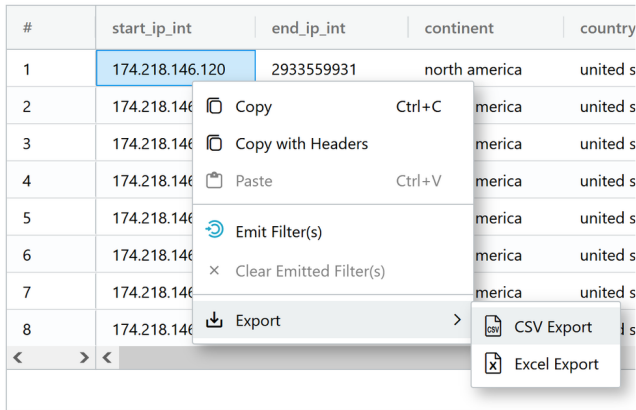
Yes

AgGrid Neustar IPv4

Show 20 entries

#	start_ip_int	end_ip_int	continent	country	country_code	country_name
1	179.160.135.232	3013642219	south america	brazil	br	99
2	179.160.135.236	3013642223	south america	brazil	br	99
3	179.160.135.240	3013642227	south america	brazil	br	99
4	179.160.135.244	3013642231	south america	brazil	br	99
5	179.160.135.248	3013642235	south america	brazil	br	99
6	179.160.135.252	3013642239	south america	brazil	br	99
7	179.160.136.0	3013642243	south america	brazil	br	99
8	179.160.136.4	3013642247	south america	brazil	br	99

Rendering based on Advanced Type	<p>If a dataset field is tagged with a recognized Advanced Type (e.g., IPv4), the values in that field will be rendered according to their Advanced Type (e.g., IPv4 values will be rendered in human-readable dotted-decimal notation).</p> <p>Currently supported Advanced Types are:</p> <ul style="list-style-type: none">• IPv4• IPv6• JSON <p>Additional Advanced Types will be added in the future.</p> <div><p>AgGrid Neustar IPv4</p><p>Show 20 entries</p><table><tr><th>#</th><th>start_ip_int</th><th>end_ip_int</th></tr><tr><td>1</td><td>174.218.146.120</td><td>2933559931</td></tr><tr><td>2</td><td>174.218.146.124</td><td>2933559935</td></tr></table></div>	#	start_ip_int	end_ip_int	1	174.218.146.120	2933559931	2	174.218.146.124	2933559935	Yes																																														
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2	174.218.146.124	2933559935																																																							
Row Numbers	<p>Row numbers can be added to the Hogwarts Table in the Explore view. They will be pinned to the leftward side of the table, meaning they will remain visible even when scrolling horizontally on wide tables.</p> <div><p>AgGrid Neustar IPv4</p><p>Show 20 entries</p><table><tr><th>#</th><th>country_cf</th><th>region</th><th>state</th><th>state_code</th><th>state_cf</th></tr><tr><td>1</td><td>99</td><td>south</td><td>parana</td><td>pr</td><td>95</td></tr><tr><td>2</td><td>99</td><td>south</td><td>parana</td><td>pr</td><td>95</td></tr><tr><td>3</td><td>99</td><td>south</td><td>parana</td><td>pr</td><td>95</td></tr><tr><td>4</td><td>99</td><td>south</td><td>parana</td><td>pr</td><td>95</td></tr><tr><td>5</td><td>99</td><td>south</td><td>parana</td><td>pr</td><td>95</td></tr><tr><td>6</td><td>99</td><td>south</td><td>parana</td><td>pr</td><td>95</td></tr><tr><td>7</td><td>99</td><td>south</td><td>parana</td><td>pr</td><td>95</td></tr><tr><td>8</td><td>99</td><td>south</td><td>parana</td><td>pr</td><td>95</td></tr></table></div>	#	country_cf	region	state	state_code	state_cf	1	99	south	parana	pr	95	2	99	south	parana	pr	95	3	99	south	parana	pr	95	4	99	south	parana	pr	95	5	99	south	parana	pr	95	6	99	south	parana	pr	95	7	99	south	parana	pr	95	8	99	south	parana	pr	95	Yes	
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Pinned Fields	<p>Columns in the Hogwarts Table can be pinned in an adhoc manner. Note that these pinned columns will not persist between dashboard refreshes and will not be saved if added via the Explore view.</p> <p>In the image below, note that the “start_ip_int” field has been pinned to the left.</p> <div><p>AgGrid Neustar IPv4</p><p>Show 20 entries</p><table><tr><th>#</th><th>start_ip_int</th><th>end_ip_int</th><th>country</th></tr><tr><td>1</td><td>174.218.146.120</td><td>2933559931</td><td>tes us</td></tr><tr><td>2</td><td>174.218.146.124</td><td>2933559935</td><td>tes us</td></tr><tr><td>3</td><td>174.218.146.128</td><td>2933559939</td><td>tes us</td></tr><tr><td>4</td><td>174.218.146.132</td><td>2933559943</td><td>tes us</td></tr><tr><td>5</td><td>174.218.146.136</td><td>2933559947</td><td>tes us</td></tr><tr><td>6</td><td>174.218.146.140</td><td>2933559951</td><td>tes us</td></tr><tr><td>7</td><td>174.218.146.144</td><td>2933559955</td><td>north america united states us</td></tr></table></div>	#	start_ip_int	end_ip_int	country	1	174.218.146.120	2933559931	tes us	2	174.218.146.124	2933559935	tes us	3	174.218.146.128	2933559939	tes us	4	174.218.146.132	2933559943	tes us	5	174.218.146.136	2933559947	tes us	6	174.218.146.140	2933559951	tes us	7	174.218.146.144	2933559955	north america united states us	Yes																							
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<p>Adhoc Field Selection</p>	<p>Fields may be hidden and un-hidden in an adhoc manner when viewing the visualization in a Dashboard or an Explore. Note, however, that hidden fields will not persist between dashboard reloads and cannot be saved via the Explore view.</p> <p>AgGrid Neustar IPv4</p> <p>Show <input type="text" value="20"/> entries</p> 	<p>Yes</p>	
<p>JSON Viewer</p>	<p>If a user clicks on a cell that contains valid JSON data, and if that JSON data is in a field of type JSON, then a modal will open showing an expandable JSON viewer (pictured below).</p> 	<p>Yes</p>	
<p>Export to CSV/Excel</p>	<p>Users can export data from the Hogwarts Table to CSV or to an Excel file, as shown below.</p> <p>AgGrid Neustar IPv4</p> <p>Show <input type="text" value="20"/> entries</p>  <p>*Note that there is another “Export to CSV” option built in to all Superset charts (see the vertical ... in the upper right), which we</p>	<p>Yes</p>	<p>Partially*</p>

recommend not using. It retrieves more data than is displayed in the local visualization and may return unexpected results.



Force refresh

Cached an hour ago

View chart in Explore

View query

Copy permalink to clipboard

Share permalink by email

Maximize chart

Download as image

Export CSV Not recommended