



Dhiva - 5.2 Client Release Notes

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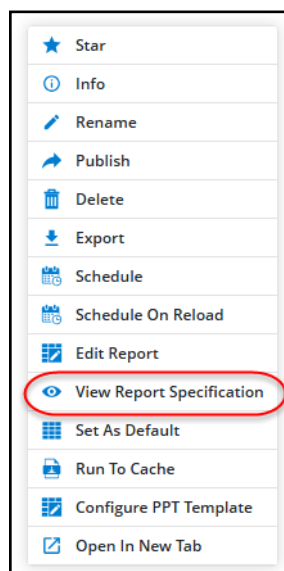
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Enhancements

Home Page

View Report Specification from the Home Page

Via the Asset Options menu on the Home Page, users can now open the Report specification directly from the home screen.





Focus Attribute Setting per User

The setting for maximum number of Focus Attributes is now configurable in the User Settings within the User Option Menu. This limit coordinates with the number of Focus Attributes that can be added to a single Report.

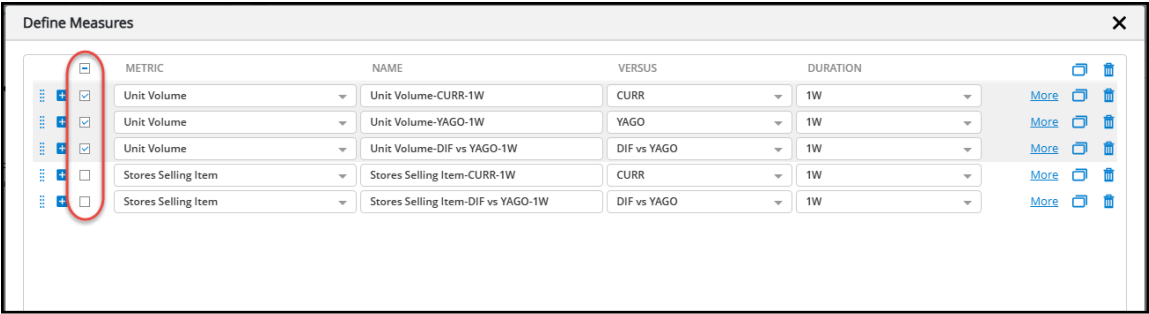
Basic Report Features

Reports without Time Filter

Dhiva now presents a warning message before generating a Report without any time filters. At present, Dhiva only considers Attributes configured as date datatypes (i.e. not Quarter, Periods, etc.).

Multi-Select Available for Measures

Users can now select multiple Measures in the Define Measures window using the checkboxes located on the left-hand side of each Measure. To mass-select, users can utilize the "Select All" checkbox at the top of the window or shift+click to select a range.



Mandatory User Filters

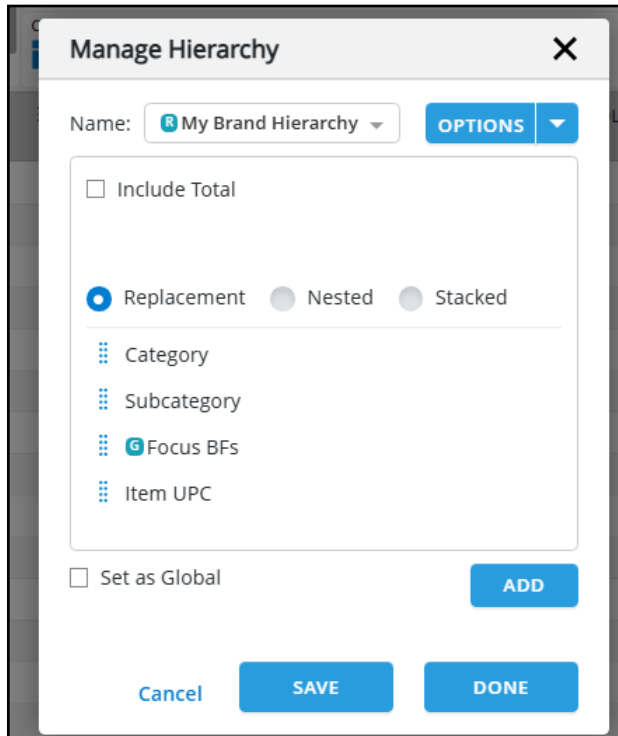
Users can define a minimum number of User Filters that must be selected from available mandatory filters. The Report/Storyboard will not generate if the requested minimum number of User Filter values has not been selected. This option provides more flexibility when creating Reports with User Filters while still allowing Producers to create assets that may otherwise be too large to display without filter selections.

User Filter Dropdown Reflects Metric Level Order

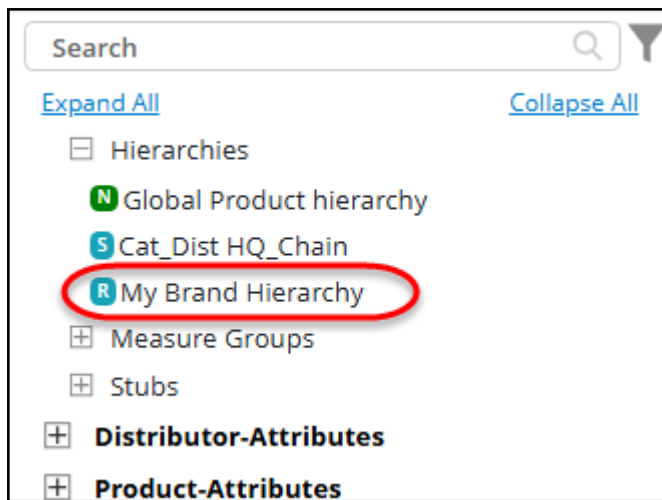
For User Filters on Metric parameters, the values will now be displayed in the same sequence as in the Measures screen (i.e. chronologically, not alphabetically).

Hierarchies as Artifacts

Producers can now create, save, and edit Hierarchies to easily use in other Reports. Similar to other Artifacts in Dhiva, saved Hierarchies will be listed in the left-hand panel and can also be set as global for all Producers to use. Hierarchies follow the same color-coding coding as other Artifacts in the left-hand panel, which is blue for personal, green for global, and grey for Report-specific. Producers can create and manage saved Hierarchies by clicking on the “Hierarchies” header in the left-hand Attributes panel.



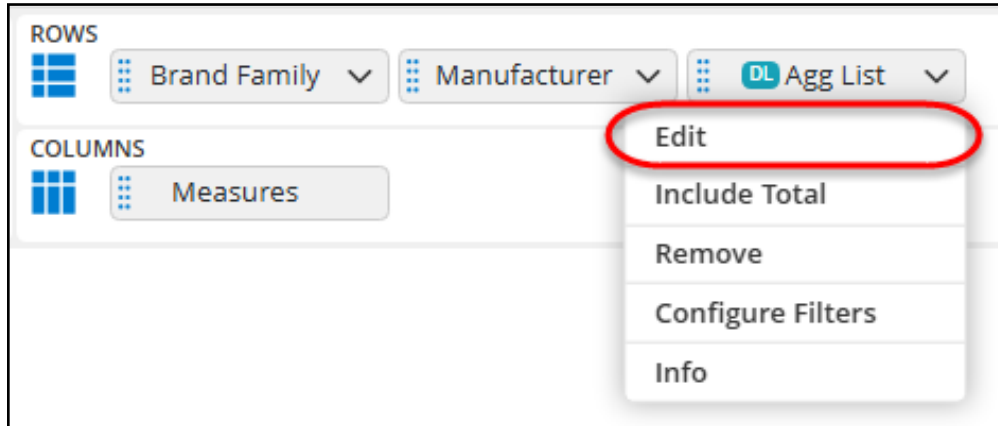
The "Manage Hierarchy" dialog box is shown. It has a title bar with a close button (X). The "Name:" field contains "My Brand Hierarchy" with a blue icon. To the right is an "OPTIONS" button with a dropdown arrow. Below this is a section with a checkbox "Include Total". Underneath are three radio buttons: "Replacement" (selected with a blue dot), "Nested", and "Stacked". Below these is a list of items with blue icons: "Category", "Subcategory", "Focus BFs" (selected with a blue dot), and "Item UPC". At the bottom left is a checkbox "Set as Global". At the bottom right is an "ADD" button. At the very bottom are "Cancel", "SAVE", and "DONE" buttons.



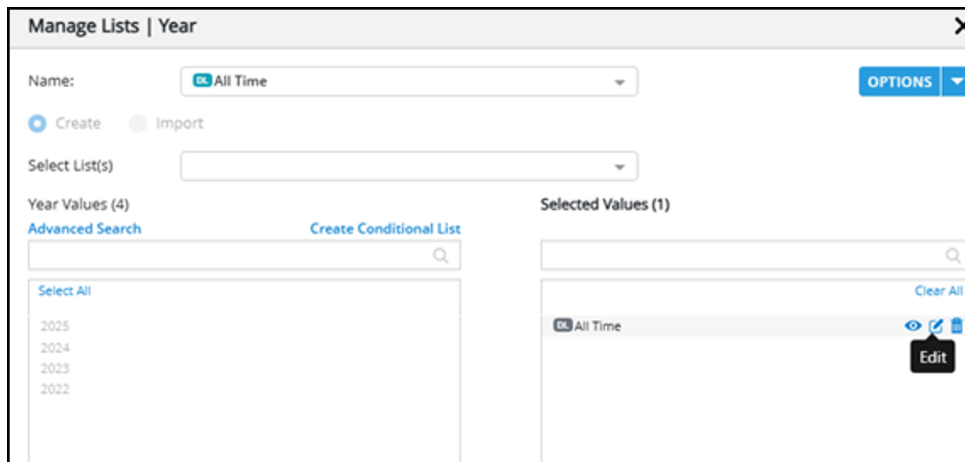
The left-hand panel shows a search bar at the top with a magnifying glass icon and a filter icon. Below the search bar are links for "Expand All" and "Collapse All". The main list contains several items: "Hierarchies" (with a minus icon), "Global Product hierarchy" (with a green 'N' icon), "Cat_Dist HQ_Chain" (with a blue 'S' icon), "My Brand Hierarchy" (with a blue 'R' icon and circled in red), "Measure Groups" (with a plus icon), "Stubs" (with a plus icon), "Distributor-Attributes" (with a plus icon), and "Product-Attributes" (with a plus icon).

Edit Groups/Lists/Conditional Lists Via Report Layout

Groups and Lists can now be opened and managed directly from the Report Layout, using the dropdown on the respective Artifact. This allows users to perform quick ad hoc customizations within the Report Layout without navigating to the left-hand panel.



The process of viewing/editing specs has changed with this upgrade. In v5.2, the pencil icon ("edit" option) enables users to view/modify specs of an existing Dynamic List. The pencil icon and other editing option icons ("view values" and "delete") appear when you hover over the Dynamic List in the right-hand panel of the Lists dialogue box while editing a Dynamic List. This is the same behavior that occurs when editing via the Report Layout or via the "Manage" option in the left-hand panel.



New Color Indicators for Report-Specific Artifacts

Grey indicators now indicate a Report-specific Artifact. These Artifacts will not be saved to the left-hand panel for use in other Reports.

Note: This “Report-specific” feature is only available for Hierarchies, Lists, Conditional Lists, and Groups. It is not available for Measure Groups or Stubs.

New Column Hiding Configuration

In a Report containing a Stub/Stacked Hierarchy paired with Measures on columns, Producers can easily hide multiple Measures that are not applicable to a given Attribute in one window by selecting multiple options from the dropdown menu at the same time. In previous versions, each column had to be individually hidden using the Column Options. This “Exclude Measures Configuration” feature is available in the Options menu.

Exclude Measures Configuration [X]

ATTRIBUTE NAME ↓

Subcategory

Category

MEASURES TO EXCLUDE

Category Strs Selling-CY-1W [X]

Sub-Cat Strs Selling-CY-1W [X] Sub-Category Unit Volume-CY-1W [X]

Select All Clear All

Unit Volume-CY-1W

Unit Volume-CY-26W

Category Strs Selling-CY-1W

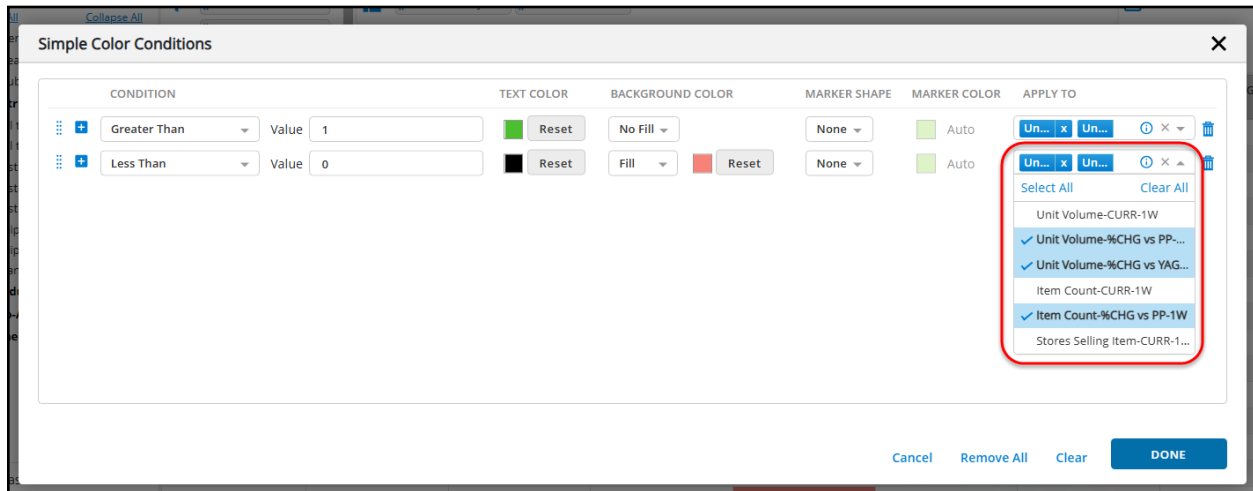
✓ Sub-Cat Strs Selling-CY-1W

✓ Sub-Category Unit Volume-CY-1W

Cancel Reset Clear DONE

Simplified Color Conditions

This feature provides a more efficient way to apply conditional color formatting by allowing Producers to apply a single condition to multiple columns and/or multiple conditions to the same Metric. Using Display Options -> Report -> Simple Color Conditions users can now easily create and apply the desired color conditioning. These conditions also apply to Row/Column Functions.



BRAND FAMILY	MANUFACTURER	UNIT VOLUME -CURR-1W	UNIT VOLUME-% CHG VS PP-1W	UNIT VOLUME-% CHG VS YAGO-1W	ITEM COUNT-CUR R-1W	ITEM COUNT-%C HG VS PP-1W	STORES SELLING ITEM-CURR-1W
		1,801,073.0	72.3%	19.2%	85	10.1%	35,194
		1,266,212.0	112.5%	-7.1%	116	1.9%	13,034
		1,108,681.0	121.7%	-17.9%	21	-4.5%	6,164
		1,104,272.0	76.6%	-5.7%	25	-3.3%	21,394
		984,182.0	96.1%	-11.9%	63	3.1%	25,112
		761,864.0	90.9%	-36.4%	9	0.0%	424
		679,248.0	129.6%	-80.8%	27	95.5%	5,743
		614,286.0	102.1%	5.1%	23	4.5%	27,686
		548,422.0	95.9%	-5.1%	40	2.6%	24,019
		538,006.0	170.9%	-31.7%	16	0.0%	4,010
		510,245.0	103.4%	-8.2%	61	0.0%	21,419
		499,625.0	111.4%	4.7%	46	-4.1%	24,405
		489,685.0	87.2%	-26.2%	41	2.4%	9,674
		420,438.0	101.7%	2.3%	35	2.8%	2,636
		413,913.0	107.7%	-11.9%	73	4.8%	27,527
		407,311.0	86.9%	7.6%	17	-4.5%	12,121

Charts/Exports

Extended Annotation to All Charts

Users can now add annotations to any chart type, including the Grid Chart type.

Hyperlink Color Control in Map Chart

Producers can change the text color for links in a Map.

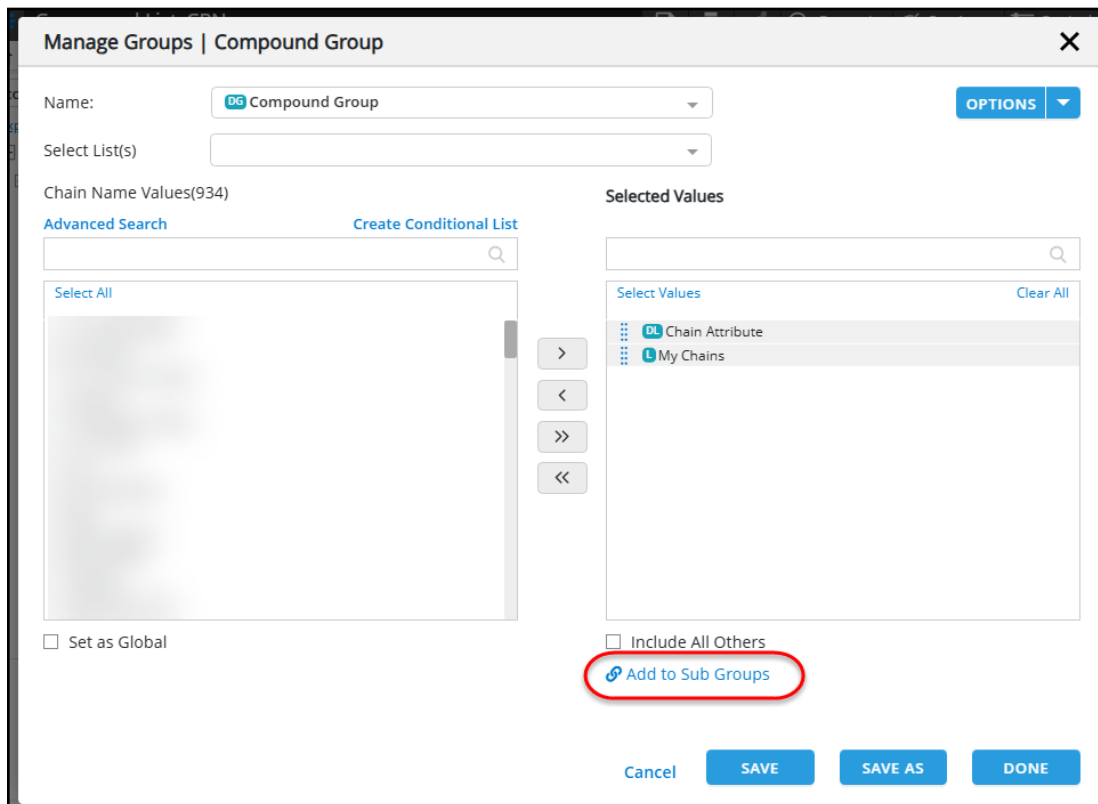
Advanced Report Features

Configure Null Values for Lists/Groups and Measures

In addition to system-defined Attributes, Producers can now show all possible values of List/Groups, even if there is null data for any value(s).

Simplified Compound List Aggregate

In previous versions, creating an aggregate of two or more Lists required creating an intermediary List and then placing this combined List into a Group. With this upgrade, Producers can create a compound List in one step by selecting the desired Lists then adding them directly to a Subgroup in the Manage Groups dialogue box.



New Measure/Attribute Value Calculation Change

In previous versions, some custom Measures/Attributes required multiplication by 1.0 to convert the product of integers into a desired decimal format. Now, Dhiva automatically considers this logic in calculations for new Measure/Attribute values of this type for improved precision.

Integrated Sort for Stacked Hierarchy/Stub

If a sort was applied on a Stacked Hierarchy/Stub in previous versions of the application, Dhiva automatically applied the sort to each individual Attribute/Artifact in a Stacked Hierarchy/Stub. Now in the current version of Dhiva, Producers have the option to apply a combined sort to the entire Stub or Stacked column. This will allow users to apply the sort to all values in the Stacked Hierarchy/Stub, thus integrating the values across Attributes/Artifacts of the Hierarchy or Stub.

Hierarchy

Name: DistHQ_State_Chain

☐ Replacement ☐ Nested ☒ Stacked

- Distributor Headquarters
- Store State
- Chain Name

☐ Disable Stacked Default Sorting ⓘ

Cancel DONE

Manage Stubs | DistHQ_State_Chain

Name: ST DistHQ_State_Chain

OPTIONS

STUB ELEMENT NAME	ATTRIBUTE NAME	SORT TYPE ⓘ
Distributor Headquarters	Distributor Hea...	Asc
Store State	Store State	Asc
Chain Name	Chain Name	Asc

☐ Disable Stub Default Sorting ⓘ

☐ Set as Global

ADD

Cancel SAVE DONE

Sorting for Stub Contents when on Columns

Users can now define column sorting for each individual Attribute/Artifact within a Stub.

Note: This individual sorting will be disabled if "Disable Stub Default Sorting" checkbox is selected.

Manage Stubs | HQ Chain Top MFRs and AOM

Name: ST HQ Chain Top MFRs and AOM

OPTIONS

STUB ELEMENT NAME	ATTRIBUTE NAME	SORT TYPE ⓘ
Distributor HQ	Distributor HQ	Desc
Chain Name	Chain Name	Asc
Top Mfrs and AOM	Manufacturer	Asc

☐ Disable Stub Default Sorting ⓘ

☐ Set as Global

ADD

Cancel SAVE DONE

Manage Display Order Functions with Column Sort

Via Manage Display Order, Dhiva now applies any user-defined sort first (positioning the selected values at the top) while the remaining Attribute values are automatically sorted by the defined Report sort(s).

Site Activity Monitor

Administrative users can now perform real-time monitoring and control of various database queries on the backend of the application.

Storyboards

Widget Settings Available at Storyboard Level

Using the Control Panel, Producers can configure widget settings at the Storyboard level, thus applying the desired setting(s) to all widgets in the Storyboard. The Producer also has the ability to override these Storyboard settings at the widget level.

Key Bug Fixes

- Custom Header Styles are applied in the UI and exported as expected even with hidden column(s) and a Nested Hierarchy on rows.
- The number of decimal digits in the UI is respected in the exports.
- Axis Scale from Dhiva UI matches the axis scale in the PPT export.
- Trend lines appear as expected in charts with a Measure on the Y-axis
- Linked Reports populate as expected for published users when using “Run to Cache”.
- Large Reports (where the Report View has over 500,000 cells) containing Display Attributes and repeated Attributes (Attributes output on the Report and also as Display Attributes) now populate the duplicate Attribute fields.
- Any scheduled Reports that are moved to the Recycle Bin will automatically be unscheduled.
- Producers can increase the font size and other settings of the data labels in the YOY charts.
- Manage Display Order is now respected in existing assets when more than 10 attribute values are selected.
- Manage Display Order is respected when an attribute selected in this custom order has null data. Generating, caching, and exporting work as expected as well.
- Durations in Measure titles (in Report view and charts) now update when a Duration User Filter selection is made.

