



# Dhiva - 4.1 Release Notes

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## Enhancements

### Export Without Save

Assets can now be exported without requiring them to be saved first.

### User Filters Selections Displayed on the Download Page

Upon exporting, user filter values will be listed directly on the download page for any applicable assets, allowing users to easily distinguish the same asset exported with different user filters.

*Note: The "User Filters" line will appear once the download is in "Ready" status.*

ASSET NAME	TRIGGERED BY US...	EXPORT AS	TRIGGER TYPE	STATUS UPDATED ON	STATUS
Category Performance User Filters: Store State: CA	Rebecca Nicholson	PPT	Export	Oct 08 2024, 02:26 PM	Ready
Category Performance User Filters: Store State: OH, PA, WV; Class of Trade: WHOLESALE CLUB, WHOLESALE	Rebecca Nicholson	PPT	Export	Oct 08 2024, 02:13 PM	Ready
Category Performance User Filters: Store State: OH, PA, WV; Class of Trade: CONVENIENCE STORE	Rebecca Nicholson	PPT	Export	Oct 08 2024, 02:13 PM	Ready

### Remove/Cancel Downloadable Files and Export Requests

On the Downloads Page, users can now delete unneeded files from the download view. In addition, requests can be cancelled by clicking "delete" before they are completed.

### Display Attribute Support for Nested and Stacked Hierarchies

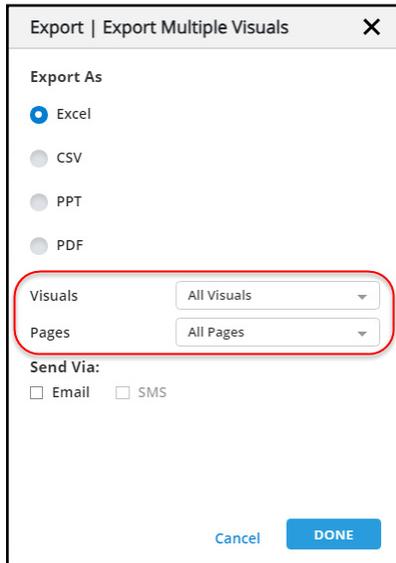
In addition to showing Display Attributes in replacement hierarchies, they can now be displayed in nested and stacked hierarchies as well.

### PDF Export Available for Clipboard

Users now have access to a PDF export type in Clipboard in addition to the standard PPT export type. This export type can be accessed by navigating to the Options menu, then selecting Clipboard -> View Clipboard Items.

## Export Multiple Visuals/Pages in a Report

When exporting a report with one or more charts, users can choose to export the current tab, all tabs (report grid and charts) and the currently selected page, or all pages at the time of export.



## Retain Custom Width of UI During Export

Exports will now respect custom widths if they are specified in the report via the Column Options menu.

## Relative Periods Respected in Column Sort

There is a new checkbox which enables a sort to remain on the selected column instead of on the selected relative time value. For example, if the third column is the current relative week, after a refresh the sort will remain on the third column which is the new relative week.

## Display Null Rows When No Data

Users now have the option to show all possible values of an attribute, even if the metric value is null. This setting can be configured on an attribute basis in the report view via the Options menu -> Configure Labels Null Value Display. Null rows for objects may appear at the bottom of the report.

## Visual Indicator for Passed Filters in a Conditional List/List/Group/Stub

When report filters are configured for a conditional list/list/group/stub, a superscript “-F” will now indicate filtered status once a filter has been applied.

FILTERS		ROWS	
Week	▼	Store City	▼
Transshipment ...	▼	CL-F CDistributo...	▼
COLUMNS		Measures	
Filters: Week: Relative (09/28/2024); Transshipment Flag: N;			
STORE CITY	CL-F CDISTRIBUTORCONDITIONALLIST	UNIT VOLUME-CURR-1W	↓
BALTIMORE			531,279.0

## New Advanced Filtering Options for Dynamic Lists

The Advanced Search in the Manage List dialog box has been redesigned and enhanced by adding the “Exclude” and “Relative” checkboxes. These checkboxes can be used in conjunction with existing features such as wild card text search, attribute filtering, etc.

**Note:** The Relative checkbox will only be available for appropriate Time attributes.

## Passing Report Filters into Any Object

In addition to Conditional Lists, producers can now choose to configure Report filters (including User Filters) on any list, group, or stub that is on a report layout. When a filter is configured on an object, that means that the filter will be incorporated in the evaluation of that object. This can be done using the “Configure Filters” option from the object’s drop-down menu on the Report layout.

## Additional Chart Symbols

In the Chart Properties menu, producers can now choose from a list of visual indicators to represent the increase/decrease of secondary metric values in bar and column charts. This option is only available if there are at least two measures on the report.

## Secondary Measure Symbols in Charts

When displaying a secondary measure value on a Bar/Column chart, producers can now add one of the various visual indicators to denote the increase or decrease of secondary metric value.

## Chart Configuration at Series Level

Users can now customize aspects of data labels at the chart series level. These customizations include the label colors and axes intervals, which can be adjusted in the Chart Properties dialog box. This customization may be configured for Line & Area, Bar, Column, or Combo Charts.

**Note:** Data label settings are not carried through to Excel/PPT exports.

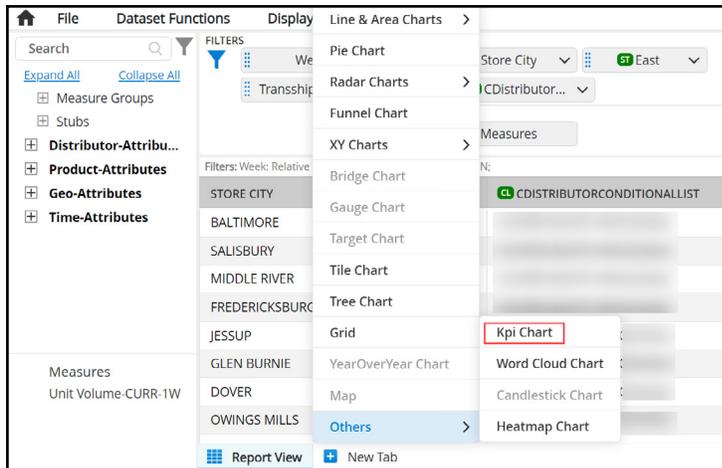
## Ability to Configure Size of a Data Markers

For Radar, Line & Area, and Year-Over-Year charts, producers can now specify the size of the line markers via the Chart Properties dialog box. The custom marker size will be respected in Microsoft compatible charts.

## New KPI Chart

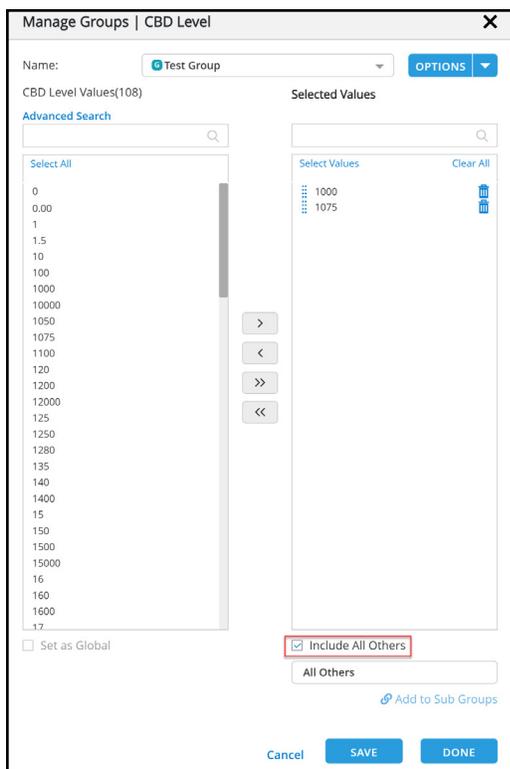
Users can now create a KPI (key performance indicator) chart for a single row and at least one attribute value/measure on columns. This chart looks similar to a Tile Chart, but it is customizable in design, values, and indicator symbols.

**Known issue:** Chart elements are not updated when changes are made to the report (i.e. measure titles, values, etc.).



## “Include All Others” in a Group from a List

When selecting a list from the list drop-down menu in the Manage Group dialog box, users can now select “Include All Others” to create an aggregate of the rest of the values of the attribute.



## Improvements to Annotate Feature

Users can now interact with annotations while viewing a chart. Annotations can now be edited directly from a chart instead of through the annotation screen by clicking on the paper icon (📄) in the top right corner of a chart with annotation capabilities.

## Storyboard Dynamic Text

Users can design a Storyboard cover page with select aspects of the storyboard including user filter values and the domain refresh date. These fields will update dynamically based on selections and dataset time.

## Ability to Configure Chart Elements in Storyboard

Users can now customize charts in a storyboard without leaving the storyboard. This can be done by navigating to a respective chart's chart options (three dots in the top right corner) then selecting Chart Elements, which allows the users to modify certain aspects of a chart.

***Note:** These modifications will only apply to that instance of the report in the dashboard and will not affect the original report. A chart can be reverted to its original format by using the clear option.*

## Compound List Aggregate

Users can now combine two or more lists to create a new list. The new combined list can be selected in the Manage Group dialog box to create an aggregate.

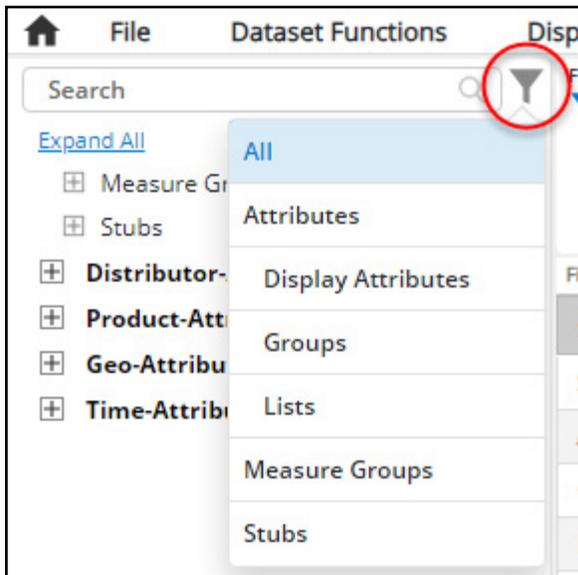
## Performance Improvements

Multiple enhancements have been implemented to improve general application performance.

## Minor Improvements

### Object Filtering in the Attributes Panel

In addition to the text search in the lefthand attribute panel, producers can now filter the list to different types of attributes and objects by using the funnel icon.



### Disable the First List/Group Loading in the Manage Dialog

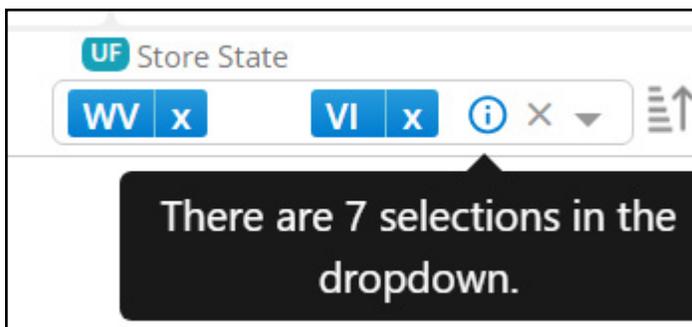
When a user opened the Manage Lists/Groups dialog box in previous versions of the application, Dhiva automatically loaded the first alphabetical list or group available to that account. Now, the dialog box allows users to select or create a new list/group instead of automatically loading a list/group.

### Location of Row/Column Functions

Row and column functions can now be placed either at the beginning or end of the report grid instead of automatically at the end, like in previous versions. This setting can be adjusted when defining the functions via Options -> Apply Row or Column Functions.

### Visual Indicator for Multi-Select User Filter Dropdown

When multiple values are selected in a User Filter drop-down menu, an “i” information icon will indicate multiple selections.



## List Used for Maps

A list created on any mappable attributes can now be used directly on the Rows of a report to plot a map.

## Format Data Labels on Map Chart

Data labels for data precision and display units can now be customized in maps.

## Extend Conditional-Formatted Text Color to Visuals

Conditional formatting (specifically text coloring of measure values) now applies to charts by default. This coloring can be turned off in a chart's Chart Properties by navigating to Color Override, and then selecting "none".

This customization may be configured for Bar, Column, Pie, Funnel, and Combo Charts.

## Specify Positive/Negative Colors in Charts

When creating a Bar or Column chart, users can customize positive/negative colors by navigating to the Chart Properties menu then selecting the "Positive Negative Palette" for the chart Color Type. These configured colors will be displayed based on their values.

## Chart Auto Adjust Changes

Chart elements have always respected the widget size and adjusted accordingly. With this upgrade, visual and font sizes will also be adjusted proportionately instead of cutting off attribute values when reduced.

## Bug Fixes

- Reports with Display Attributes now export all fields as expected.
- After making a User Filter selection, the Breadcrumb path is displayed when drilling in a chart in the storyboard.
- Report with a list(s) in filters can be added to a merge report.
- “Triggered by User” column is populated in the downloads page for CSV exports.
- A checkbox has been added to the Schedule dialog box to enable scheduled reports to run on the last day of the month/quarter.
- In reports with multiple attributes on columns, sort and filter capabilities function as expected in the exported Excel file.
- On a Line Chart with multiple values on Grid X/Y, the target lines are aligned.
- Measures with a date format will export as shown in the UI.
- Relative filters are displayed after exiting the Focus Mode.
- Max number of rows and columns are calculated appropriately when groups are used in a report.
- While in Focus Mode, selecting a user filter value will regenerate the report.
- Advanced Search filter on periodic time now updates when the filter is modified or reapplied.
- Scheduled reports will be executed according to the time zone in which they were scheduled (specifically for assets scheduled between 7:00 PM to 11:59 PM EST).
- Data and report format remains constant regardless of the “Combine Queries” setting under Options -> Query & External App -> Query Settings.
- In the case of Excel, formatting is retained when exporting data to CSV using the “Data is too large to Display” link (when UI data limit is exceeded).
- When the “Data is too large to Display” link is used, stacked hierarchy names are correctly displayed in exported CSV file.
- In reports containing Measure Groups as User Filters, performing a Save As saves a copy of each Measure Group.

