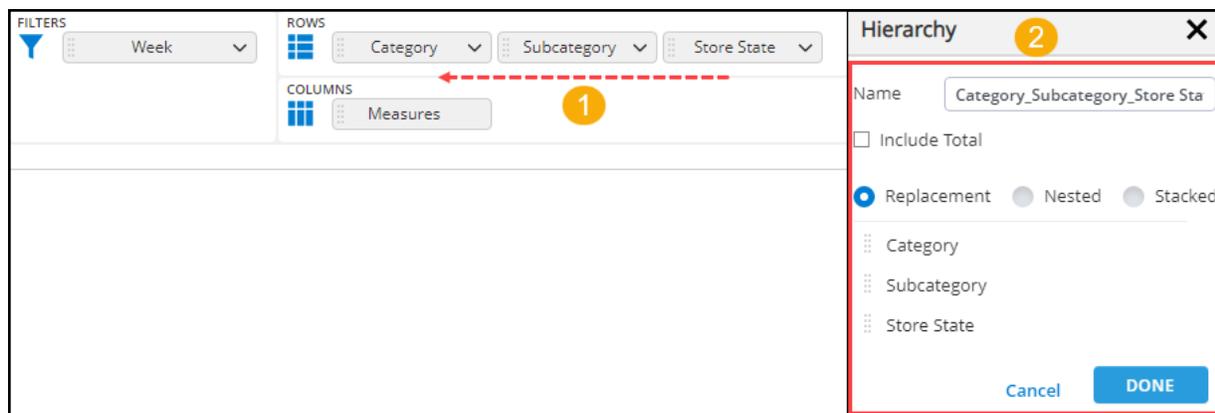




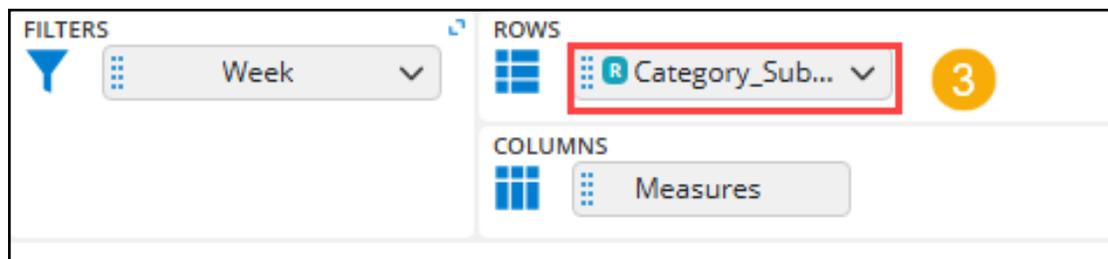
Dhiva - Create a Hierarchy

Adding a hierarchy to a report allows the information to be presented in a condensed format and provides the ability to drill to the additional levels of details as needed or to stack and view all requested items without drilling. Hierarchies can contain attributes, lists, and/or groups. The examples below demonstrate how to create a 3-level hierarchy of each type.

1. Drag the attributes that will be the second level and third level (Child level) of the hierarchy (for example, **Subcategory** and **Store State**) on top of the attribute that will be the top level (Parent level) of the hierarchy (for example, **Category**) in the report dimension section.
2. In the **Hierarchy** dialog box, enter the new name and select the appropriate type for the hierarchy. Note that the order of the attributes/objects specified in this window determine the order in the hierarchy.
3. Click **Done**.



The selected type of hierarchy (Replacement, Nested, or Stacked) is indicated with its new name in the report layout section.



Users can choose from three types of hierarchies:

- [Replacement Hierarchy](#)
- [Nested Hierarchy](#)
- [Stacked Hierarchy](#)

Replacement Hierarchy

The **Replacement** hierarchy is the default hierarchy selection and enables a drill-down to the child level, displaying only the child level of the drilled item. In the below example, if you click the plus sign of the **Other Tobacco/Nicotine Products** category, the system will navigate you to the **Subcategories** of the **Other Tobacco/Nicotine Products** category in the table. Use the **Category** link (indicated with a dotted arrow in the right-side screenshot) to navigate back to the parent level.

Hierarchy ✕

Name:

Include Total

Replacement
 Nested
 Stacked

:: Category
 :: Subcategory
 :: Store State

Cancel
DONE

FILTERS Week **ROWS** Category_Sub...

COLUMNS Measures

CATEGORY	UNIT VOLUME-CURR-1W
+ Store Use/Supply	61,101,014.0
+ Other Tobacco/ Nicotine Products	33,080,140.0
+ Foodservice	21,913,903.0
+ Candy	20,591,568.0
+ Hot Dispensed Beverages	7,013,143.0
+ Packaged Beverages	6,130,714.0
+ Salty Snacks	5,626,815.0
+ Packaged Sweet Snacks	5,217,541.0
+ Alternative Snacks	4,839,222.0
+ Cigarettes	4,372,145.1
+ Health & Beauty Care	2,941,079.0
+ Shelf Stable Products	1,982,285.0
+ General Merchandise	1,740,755.0
+ Other Dairy & Deli Products	945,468.0
+ Non-Edible Grocery	823,880.0
+ Perishable Grocery	759,409.0

FILTERS Week **ROWS** Category_Sub...

COLUMNS Measures

Category: Other Tobacco/ Nicotine Products;

SUBCATEGORY	UNIT VOLUME-CURR-1W
+ Other Tobacco/ Nicotine Products-Cigars	18,711,583.0
+ Other Tobacco/ Nicotine Products-Smokeless	7,843,084.0
+ Other Tobacco/ Nicotine Products-Smokeless Tobacco Alternatives	3,244,823.0
+ Other Tobacco/ Nicotine Products-Papers	1,732,519.0
+ Other Tobacco/ Nicotine Products-Vaping	1,245,357.0
+ Other Tobacco/ Nicotine Products-Pipe/Cigarette Tobacco	232,704.0
+ Other Tobacco/ Nicotine Products-Other Tobacco/ Nicotine Products	68,740.0
+ Other Tobacco/ Nicotine Products-Pipes	1,362.0
+ Other Tobacco/ Nicotine Products-All Other	-32.0

The blue plus signs at this level indicate that there is another level available to drill. As we defined, it would drill to Store States in the Subcategory. The link levels will continue as you drill.

Nested Hierarchy

The **Nested** hierarchy provides the drill ability on the report and displays the parent and the child data simultaneously. In the below example, if you click the **Other Tobacco/Nicotine Products** category, the system will display the **Subcategories** related to the **Other Tobacco/Nicotine Products** in the same table along with their totals.

Hierarchy ✕

Name

Include Total

Replacement
 Nested
 Stacked

⋮ Category ▼
 ⋮ Subcategory
 ⋮ Store State

Cancel
DONE

FILTERS ⌵

Week ▼

ROWS ⌵

Category_Su... ▼

COLUMNS ⌵

Measures

+ 1 + 2

CATEGORY_SUBCATEGORY_STORE STATE	UNIT VOLUME-CURR-1W
+ Store Use/Supply	61,101,014.0
+ Other Tobacco/ Nicotine Products	33,080,140.0
+ Foodservice	21,913,903.0
+ Candy	20,591,568.0
+ Hot Dispensed Beverages	7,013,143.0
+ Packaged Beverages	6,130,714.0
+ Salty Snacks	5,626,815.0
+ Packaged Sweet Snacks	5,217,541.0
+ Alternative Snacks	4,839,222.0
+ Cigarettes	4,372,145.1
+ Health & Beauty Care	2,941,079.0
+ Shelf Stable Products	1,982,285.0
+ General Merchandise	1,740,755.0
+ Other Dairy & Deli Products	945,468.0
+ Non-Edible Grocery	823,880.0

FILTERS ⌵

Week ▼

ROWS ⌵

Category_Su... ▼

COLUMNS ⌵

Measures

+ 1 + 2

CATEGORY_SUBCATEGORY_STORE STATE	UNIT VOLUME-CURR-1W
+ Store Use/Supply	61,101,014.0
- Other Tobacco/ Nicotine Products	33,080,140.0
+ Other Tobacco/ Nicotine Products-Cigars	18,711,583.0
+ Other Tobacco/ Nicotine Products-Smokeless	7,843,084.0
+ Other Tobacco/ Nicotine Products-Smokeless Tobacco Alternatives	3,244,823.0
+ Other Tobacco/ Nicotine Products-Papers	1,732,519.0
+ Other Tobacco/ Nicotine Products-Vaping	1,245,357.0
+ Other Tobacco/ Nicotine Products-Pipe/Cigarette Tobacco	232,704.0
+ Other Tobacco/ Nicotine Products-Other Tobacco/ Nicotine Products	68,740.0
+ Other Tobacco/ Nicotine Products-Pipes	1,362.0
+ Other Tobacco/ Nicotine Products-All Other	-32.0
+ Foodservice	21,913,903.0
+ Candy	20,591,568.0

Note: Clicking on the +1 and/or +2 control (placed at the left corner above the table) would expand all parents to display their corresponding child levels in a single click. The amount of + hyperlink numbers that appear depends on the amount of attributes that are currently in the nested hierarchy.

Stacked Hierarchy

The **Stacked** hierarchy is a type of hierarchy that enables users to view all selections at the root level without drilling. Stacking will display the attributes/objects in the selected order and will sort the items within each attribute/object. An example of a report generated applying the stacked hierarchy is demonstrated below wherein the attributes **Category**, **Subcategory**, and **Store State** are arranged in a stacked hierarchy and the report is filtered using the **Category** attribute with **Measures** in the **Columns** area.

Note: In a stacked hierarchy, there is no Parent-Child relationship between the attributes.

Hierarchy ✕

Name

Replacement
 Nested
 Stacked

- Category
- Subcategory
- Store State

Cancel
DONE

FILTERS
 Category ▼
 Week ▼

ROWS
 Category_Sub... ▼

COLUMNS
 Measures

Filters: Category: Other Tobacco/ Nicotine Products;

CATEGORY_SUBCATEGORY_STORE STATE	UNIT VOLUME-CURR-1W
Other Tobacco/ Nicotine Products	33,080,140.0
Other Tobacco/ Nicotine Products-Cigars	18,711,583.0
Other Tobacco/ Nicotine Products-Smokeless	7,843,084.0
Other Tobacco/ Nicotine Products-Smokeless Tobacco Alternatives	3,244,823.0
Other Tobacco/ Nicotine Products-Papers	1,732,519.0
Other Tobacco/ Nicotine Products-Vaping	1,245,357.0
Other Tobacco/ Nicotine Products-Pipe/Cigarette Tobacco	232,704.0
Other Tobacco/ Nicotine Products-Other Tobacco/ Nicotine Products	68,740.0
Other Tobacco/ Nicotine Products-Pipes	1,362.0
Other Tobacco/ Nicotine Products-All Other	-32.0
OH	3,670,425.0
TX	3,129,150.0
PA	2,483,238.0
FL	1,911,915.0
NC	1,857,927.0
IN	1,613,820.0

