

# How-To: Using Attribute Aggregation



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## Why use this feature?

**Attribute Aggregation** refers to virtual dimension members that are generated by Vena and offered as a choice when mapping Page, Rows or Columns. These members, when mapped, represent the aggregate value of all members in a hierarchy that have a particular attribute attached.

In other words, it is an alternative to the manual effort of finding the sum of a Row expression that filters on one particular attribute. It can instead provide in one line, the total amount for a given attribute. Attribute Aggregation members can also be used within dynamic expressions, and they only provide a positive summation of the values.

## How to

### Create a new attribute

1. Navigate to the **Modeler** tab.
2. Navigate to the appropriate **data model**.

### 3. Locate the dimension member you want to add an attribute to.

The screenshot shows the Vena software interface. On the left is a sidebar with icons for Home, Members, Versioning, ETL Templates, Export, and Settings. The main area is titled 'Members' and shows a tree view of dimension members under 'Data Model / Model Structure for H. Financial Close'. The 'Entity' tab is selected. The list includes 'Member Name' and 'Alias'. A red box highlights the '900' member, which is expanded to show its alias 'Chicago'.

### 4. Right-click on the dimension member and select **Edit** from the menu.

The screenshot shows the same Members page as above. A red box highlights the context menu that appears when right-clicking on the '900' member. The 'Edit' option is highlighted.

### 5. Select **+ Add Attribute**. A drawer opens with a list of existing attributes.

The screenshot shows an open drawer titled 'Manage Attributes-Department'. It contains a search bar labeled 'Search Attributes' with a dropdown arrow, a '+' button with a dropdown arrow, and a large '+ Add Attribute' button.

### 6. Select **+ Add Attribute**.

7. Enter an attribute name.

8. Select **+ Add Attribute** to save the new attribute.

The screenshot shows the 'Manage Attributes-Department' drawer. It lists an attribute 'Sample Attribute'. At the bottom are two buttons: a green '+ Add Attribute' button and a grey 'Cancel' button.

### 9. Select **Done** to close the drawer.

## Attach an attribute

1. Navigate to the **Modeler** tab.
2. Navigate to the appropriate **data model**.
3. Locate the dimension member you want to add an attribute to.

Member Name	Alias	Attributes
All Entities		
Corporate		
US & Canada		
900	Chicago	
120	Houston - Manf	
210	Los Angeles	
220	New York	
230	Montreal	

4. Right-click on the dimension member and select **Edit** from the menu.

- Member Name
- Alias
- All Entities
- Corporate
- US & Canada
- 900
- 120
- 210
- 220
- Edit
- Add Sibling
- Preview Intersections
- Share Member
- Cut
- Add Calculated Member
- Pin as Default Member
- Delete

5. Select the **check-box** next to each attribute in the drop-down menu that you want to attach to the dimension member.
6. Select **+ Update** to save your changes.
7. You can now choose an Attribute Aggregate member as the member choice when mapping Page, Rows or Columns in your template.

## Notes and limitations

- You cannot have Line-Item Detail lines created for it.
- You cannot have Cell Comments attached to aggregate data cells.

- You cannot drill transactions into this data.