Adding Dimensions

By adding a dimension to a chart, it specifies the values to a further extent.

<table>
<thead>
<tr>
<th>Lines</th>
<th>Sales revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accessories</td>
<td>$9,914,546</td>
</tr>
<tr>
<td>City Skirts</td>
<td>$347,775</td>
</tr>
</tbody>
</table>

By adding “Years” to the data table, you are able to sort and see the sales revenue per year for each line.

“In” Function

The “IN” function can be used in a combination with another function to keep the original data from being altered with a new dimension.
In this case “IN” keeps the original revenues associated with the lines and are not additionally sorted by year.

**“In Block”**

The “IN Block” formula allows you to keep the data calculated at the “block” or chart level.

![Formula Image]

In this chart, “IN Block” keeps the total sales revenue from all lines in the far right column.

**Other “In” Functions**

**“In Report”**

This function will include a grand total of all visible and non-filtered data in the report.

**“In Section”**

Similar to “In Block”, this function works individually with a specific section of a report.

**“In Body”**

This function is ultimately implied in the formula. The two equations below will produce the same outcome.

\[
\text{Max}([\text{Sales revenue}]) \text{ In Body} \\
\text{Max}([\text{Sales revenue}])
\]
Creating Functions into Variables

We can turn calculations we have made into variables to use in future formulas.

By clicking “Create Variable” and entering a Name and Qualification, you can use these numbers for in other formulas or charts within the project.

“ForEach”

“ForEach” adds additional dimensions into the data.

By adding “ForEach ([Quarter])” to the function above, allows the right column to be sorted by quarter for each separate year.
“ForAll”

Adding ForAll to the end of an equation in the formula bar allows one equation, such as “Sales Revenue Totals by Year” to be listed under all four quarters within one year.

![Image of spreadsheet showing sales revenue totals by year and quarter with ForAll function applied]