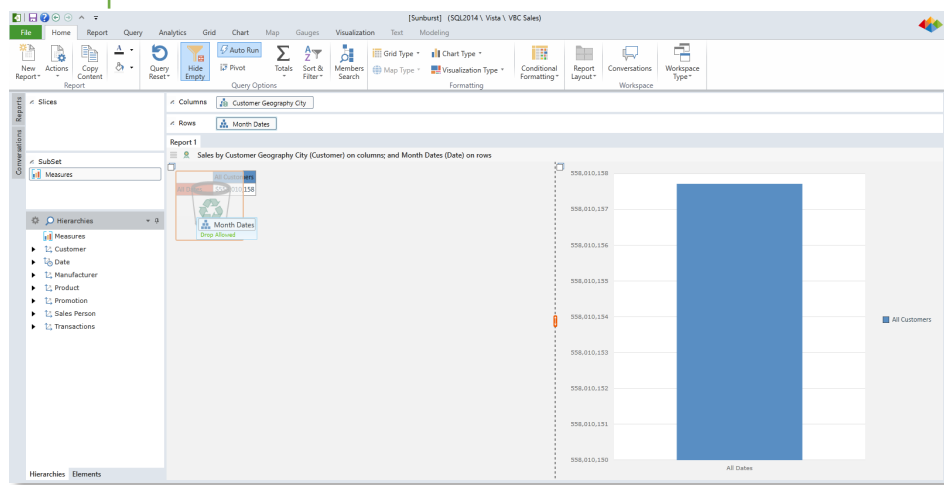# BI Office Sunburst

The BI Office **Sunburst** advanced visualization allows users to visually compare two measures and easily identify top drivers. The sunburst is composed of hierarchies in a series of concentric rings where the highest data level appears in the center and each lower hierarchy level radiates outward.

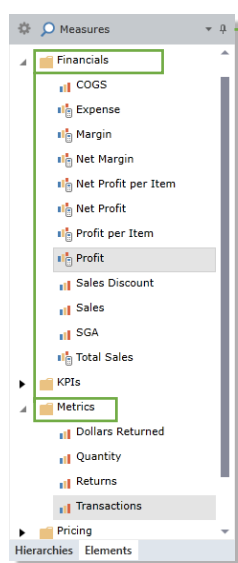## ▶ Setup

Open a **Data Discovery** report.

Remove default hierarchies then drag **Measures** to **Columns**.
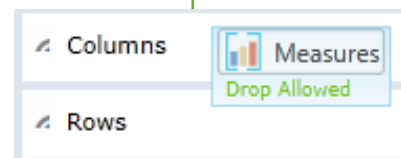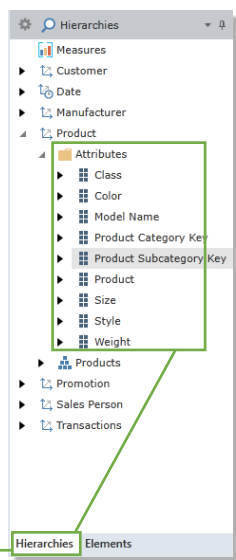

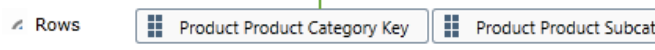## ▶ Select Columns and Row Attributes

Double click **Measures**, expand out the folders and select one measure. Ctrl click the second measure.

Switch to the **Hierarchies** tab, expand out the desired attritube folder.

Drag attributes onto **Rows** (normally one would be a main attribute one the other a sub attribute e.g. products and sub-products). Click Run Query.
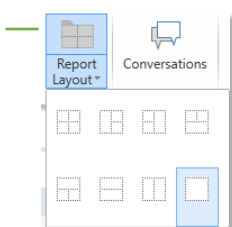

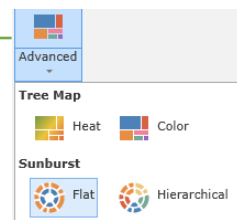Notice the grid shows the selected **measures** and **attributes**.

▶ Change the Report Layout

From the **Home** tab, click **Report Layout** and choose a single report.

Select **Advanced**, then **Sunburst Flat**.


PYRAMID ANALYTICS

▶ Interact with the Sunburst

See the Sunburst view appear. The **inner ring** contains the main attribute, the **outer ring** contains the sub attribute, and the **middle ring** contains the totals for each measure.
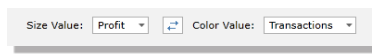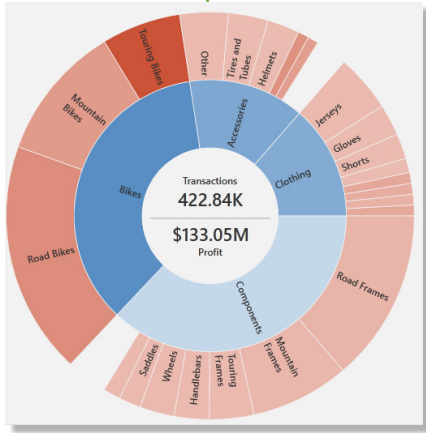

Swap the size and color measures by clicking the double **arrow** between them or by the dropdown **menu**.

By hovering over each **segment**, the totals in the middle update to the total for that segment.
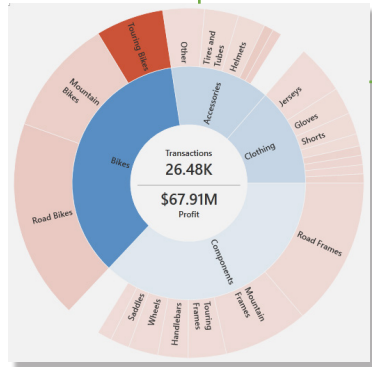

The **size** of each segment is based on one measure's value The **color** shade of each segment is based on the other measure with the darkest color reflecting the highest amount.
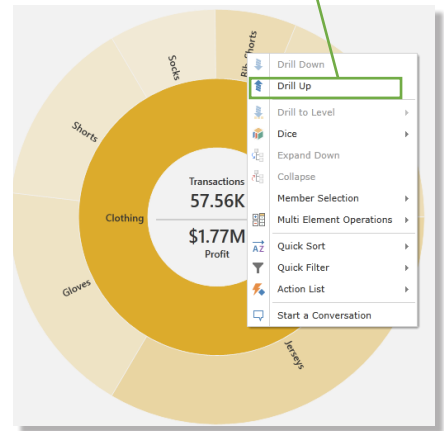
Switch to the **Hierarchial Sunburst** to view top drivers. From the Visualization tab, select the **Type** button, then under Sunburst choose **Hierarchial**.
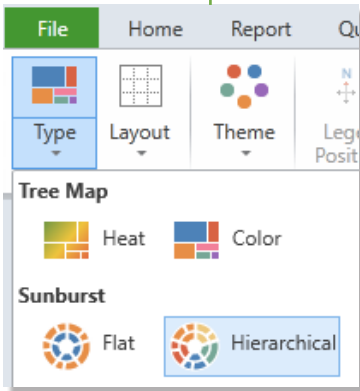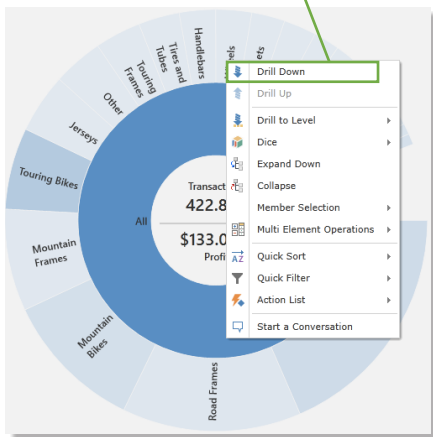

Notice the Sunburst change the **color** scheme to show the relative **size** and color comparison within each attribute category.
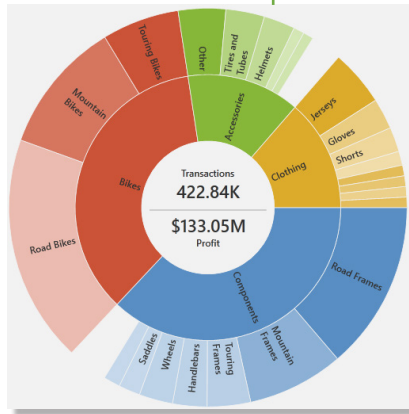

Right click the attribute and choose **Drill Up**. This will show the total for all attributes.

Right click and **Drill Down** to the category level.

Further interact with the Sunburst by clicking on an **attribute** in the inner ring. This will isloate the attribute and its sub categories. Right click the attribute and choose **Dice**. Then dice to the desired level and see the Sunburst filter and update.
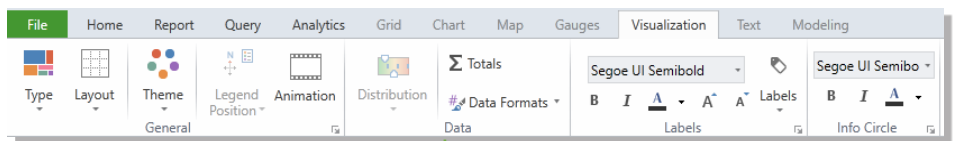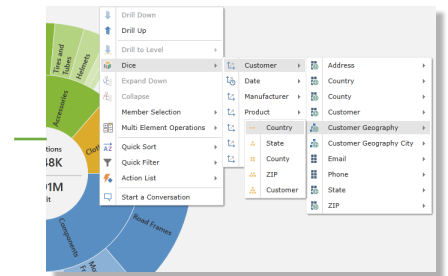
Navigate to the **Visualization** tab. Notice the different formatting options. Change the **Theme** of the Sunburst, format the **text**, add **Animation**, or format the **labels**.