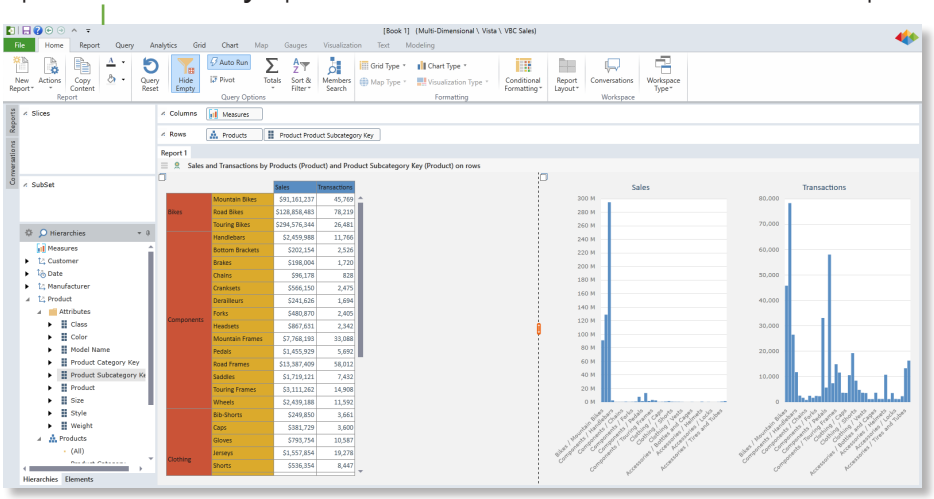
Quick Start Card

BI Office Circle Packing

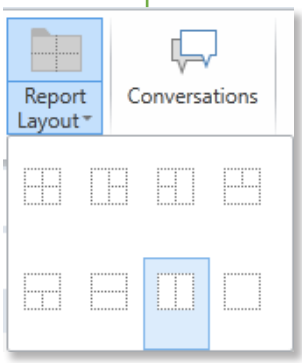
BI Office **Circle Packing** is a visualization that displays data in groups of circles. Size, color, and nesting are used to portray relationships between the data groups. There are three subtypes: heat, color, and hierarchical.

Set up the Report

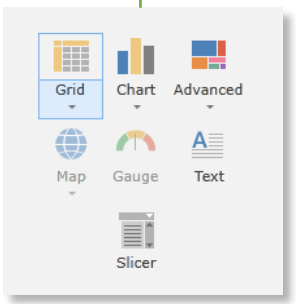
Open a **Data Discovery** report that contains two measures to ensure the best output.

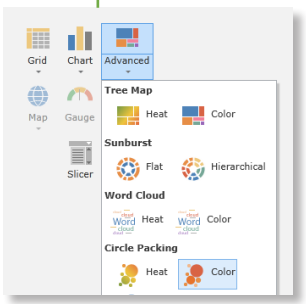


From the **ribbon**, navigate to the **Home** tab and expand out the **Report Layout** button. Select the **side-by-side** option.

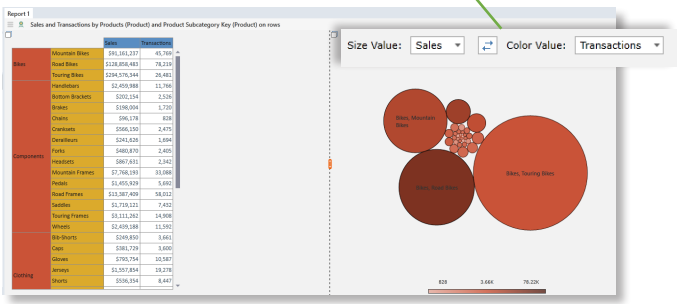


In the left panel, select the **Grid** option. In the right panel, select the drop-down arrow under **Advanced**, and under **Circle Packing** select **Color**. See the report update.



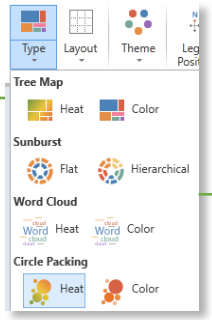


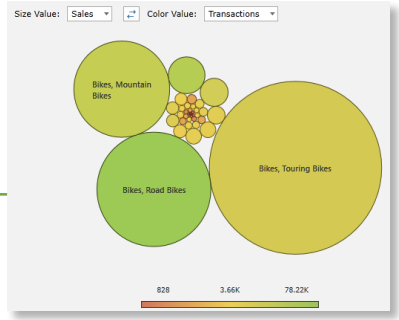
Notice that the **Size Value** and **Color Value** are displayed by the two selected measures. Lower values return a smaller circle and lighter shade of color, and higher values return vice versa.



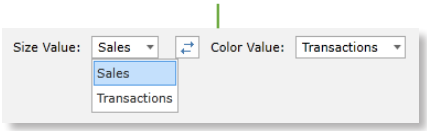
Heat Circle Packing

To view the grouping of data with more than one color, from the ribbon select the **Visualization** tab. Select the drop-down arrow under **Type**, then select **Circle Packing**, **Heat**. See the visualization update.





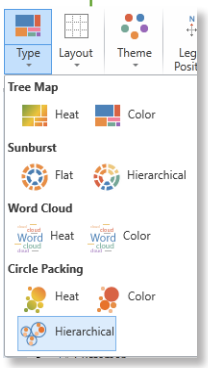
Switch the Size Value and Color Value's correlated measure by selecting the **drop-down arrows**, or by clicking the **reversal arrow.**



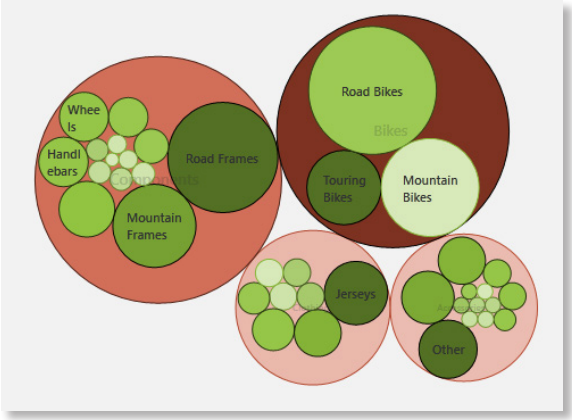
PYRAMID ANALYTICS

Hierarchical Circle Packing

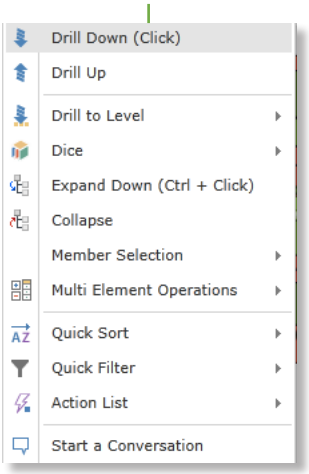
Create a **hierarchical** circle packing visualization to view the data in nested structures based on their hierarchies. From the **Visualization** tab, click the drop-down arrow under **Type**, and under **Circle Packing** choose **Hierarchical**.



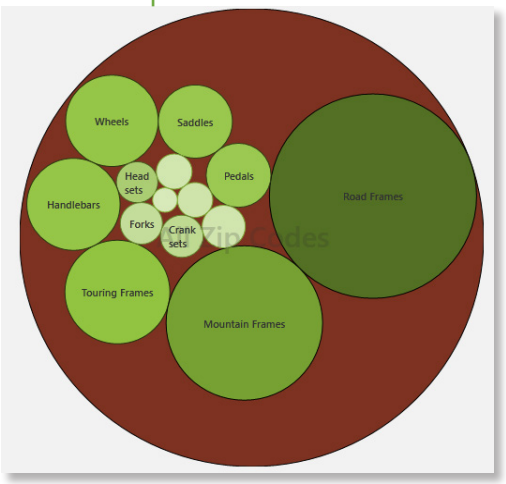
The outer circles represent the first **hierarchy** and contain nested circles inside them based on their **sub groups**.



Right click on any circle to bring up interaction options. Choose to **Drill**, **Dice**, **Sort**. with the data.

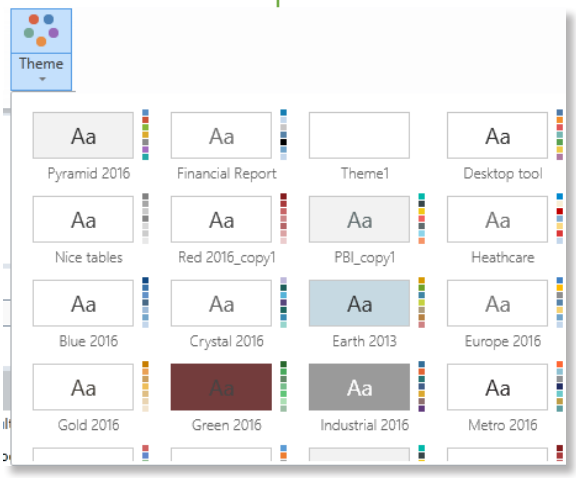


See the **visualization** update.

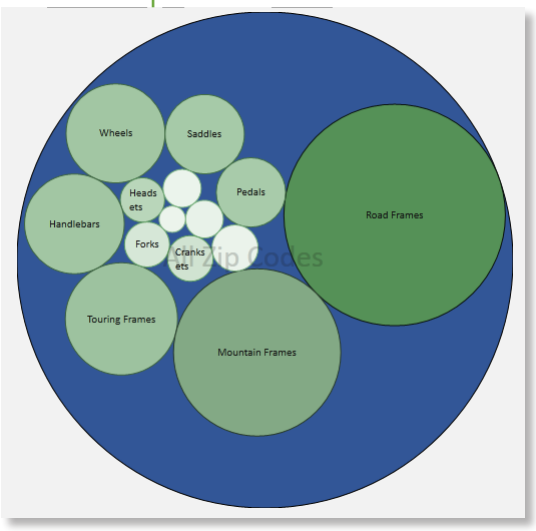


Change the Theme

To change the **colors** of the visualization navigate to the **Visualization** tab, click the drop-down arrow under **Theme**, and select a desired color scheme.



See the **visualization** update.



PYRAMID ANALYTICS