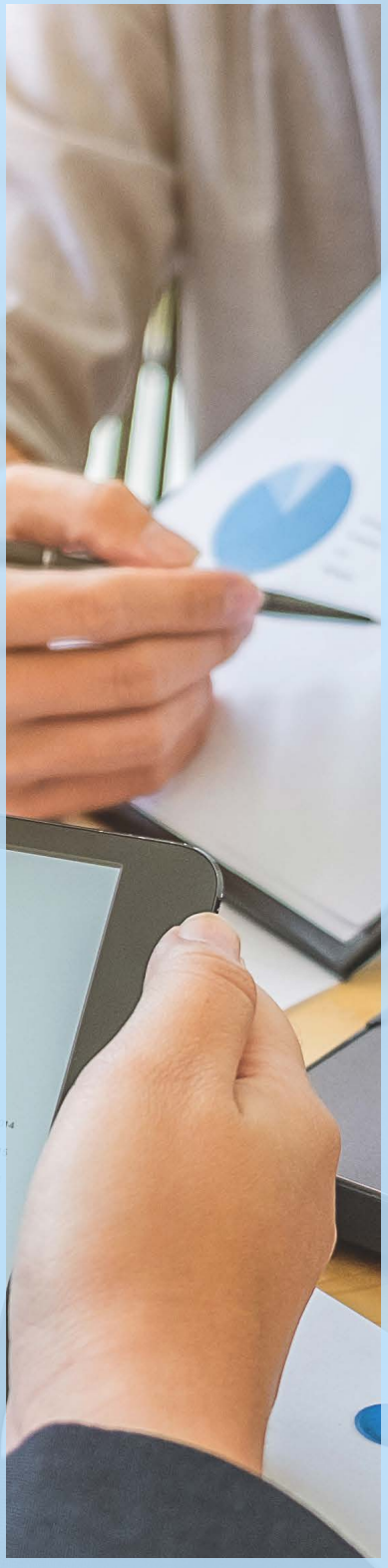
SAP ANALYTICS CUSTOM EXTENSIONS

Infosys way of advanced data visualization



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Overview

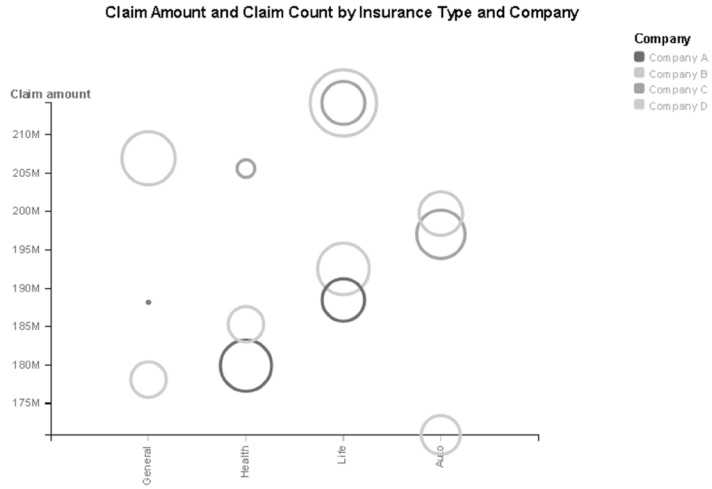
Today's world demands a quick and visualized way of looking at organizational data to enable executives to make the right decisions at the right time. Traditional ways of looking at raw data and basic charts may not fulfill all that is required to make quick and correct decisions for your organizational needs. Infosys SAP Design Studio and Lumira Custom Extensions enable decision makers to get insights into organizational data in the most efficient way. Infosys SAP Analytics team brings custom extensions on SAP Design studio and Lumira, which give more visualization options to you than the standard components and can best suit different industry requirements in data visualization.

Why Infosys?

- SAP Certified Integration with SAP Design Studios and Lumira
- Vast experience and expertise in the SAP Analytics area
- Simplified pricing and support models
- Ability to design and support custom extensions to meet your organizational needs
- Our industry-wide expertise in domain consultancy to grasp and fulfill all your requirements

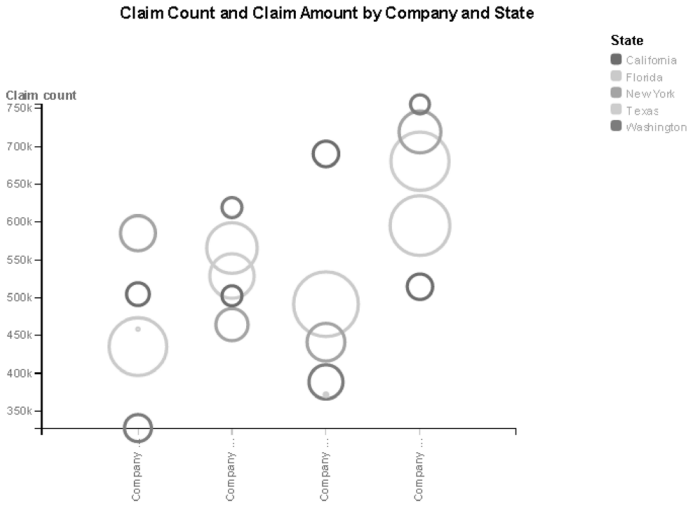
1. Circle chart

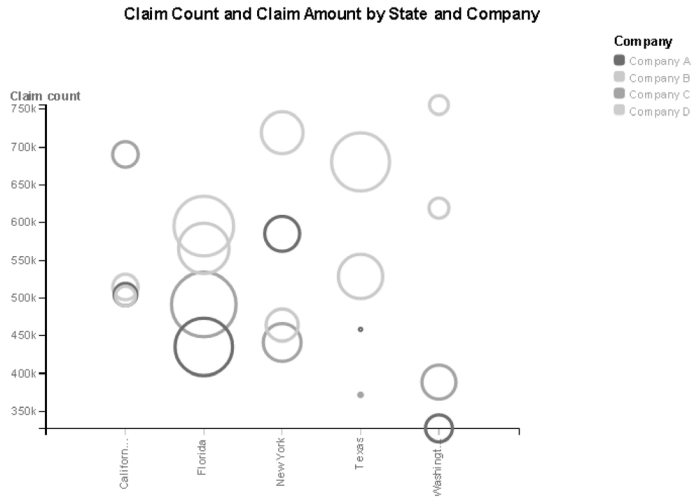
The circle chart is a powerful visualization for comparative analysis, where position, color, and size of circles represent the key performance indicators (KPIs).



Applicable in Lumira Design Studio

SAP® Certified
Integration with SAP Applications





Features

1.1. Multi-dimensional and measure analysis

The circle chart extension is an innovative solution for displaying information in a concise format, while aiding the end user in deriving meaningful relationships between multiple dimensions.

1.2. Helps in quick decision making

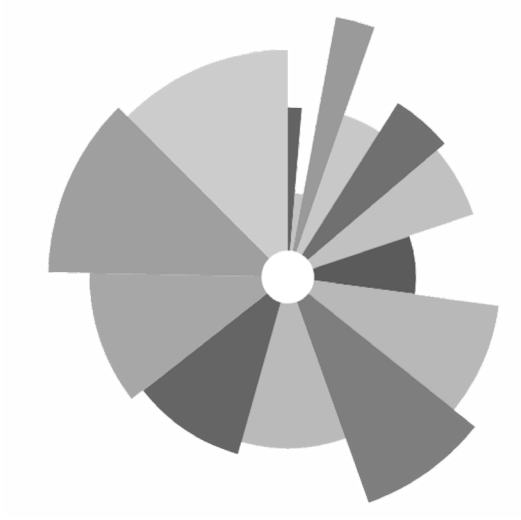
This visualization solution shows information in an easily readable format without clutter. This offers a meaningful visualization for comparative analysis where information can be quickly understood using the position, color, and size of the circles.

1.3. Easy to read

The circle chart solution utilizes the position, size, and color of the circle to provide the user with information in two dimensions and two measures. One dimension is plotted on the X-axis and a second dimension is visualized using color, differentiating the circle chart from the existing chart types. The measures are displayed using the Y-axis and the size of the circle.

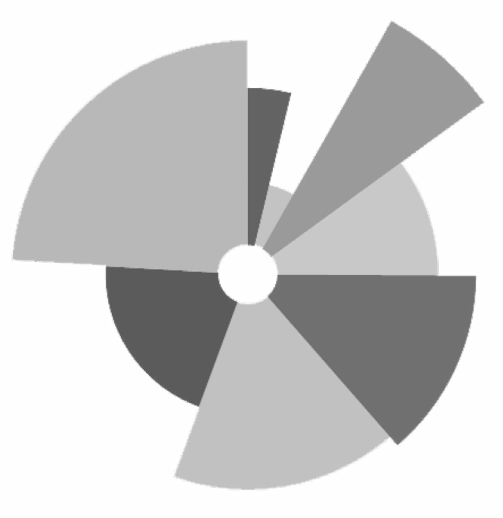
2. Aster chart

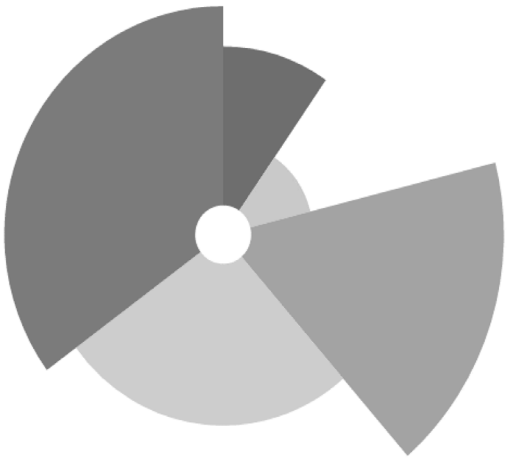
The aster chart is an enhanced pie chart, where the second measure is visualized as the length of the sectors in the pie.



Applicable in Lumira

Design Studio





Features

2.1. Measure analysis based on a dimension

The aster chart is an enhanced version of a standard pie chart, where the second measure will help to compare two measure values for a given dimension.

2.2 Two-dimensional analysis in Pie

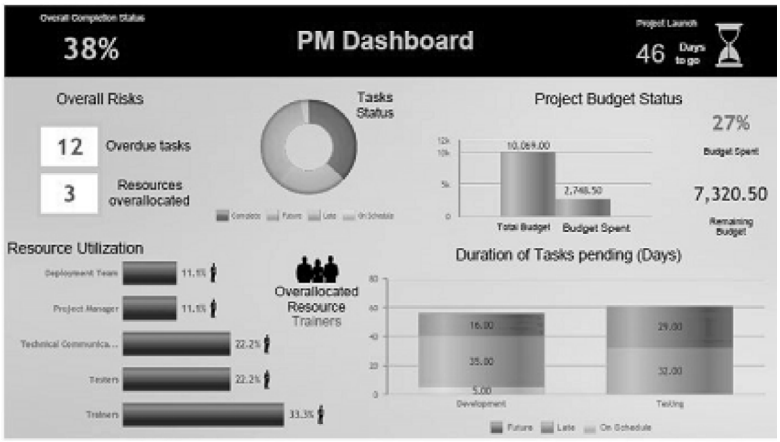
Height of the slice and the weight of the slice enables two-dimensional analysis in a single Pie.

2.3 Value Selection for highlighting

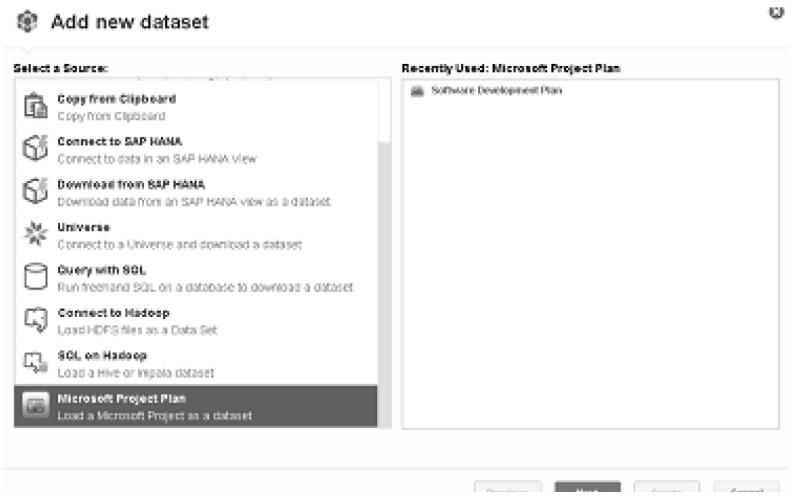
The selected slice lists the data at the center of the visualization. This will help for quick attention seeking of the end user.

3. Connector to Microsoft Project plan

This data access extension to extract data from Microsoft Project plan on to SAP Lumira helps in building and tracking project status storyboards in real time.



Applicable in **Lumira** **Design Studio**



Software Development Plan

No filter applied currently on the dataset

ID	Main Task	Sub Task	Sub Task 2
123	ABC	ABC	ABC
2	Software Development Pla	Scope	
3	Software Development Pla	Scope	
4	Software Development Pla	Scope	
5	Software Development Pla	Scope	
6	Software Development Pla	Scope	
8	Software Development Pla	Analysis/Software Require	
9	Software Development Pla	Analysis/Software Require	
10	Software Development Pla	Analysis/Software Require	

Features

3.1. MPP (Microsoft Project Plan) data

Acquire data from Microsoft Project plan to help in tracking the project tasks and identifying delays or dependencies mentioned in the plan.

3.2. Data selection

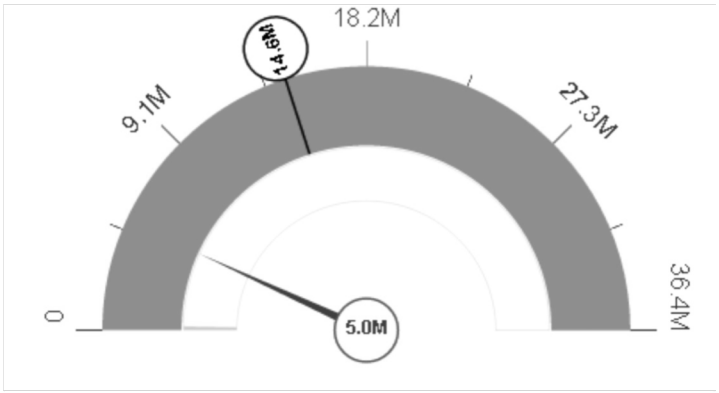
The user interface (UI) allows the user to select all or limited data such as only tasks, resources, or assignments from the MPP file. The dataset can be refreshed for retrieving updated information.

3.3. Standard storyboard

This extension is provided along with an industry standard project storyboard which helps in quick adoption of this data access extension.

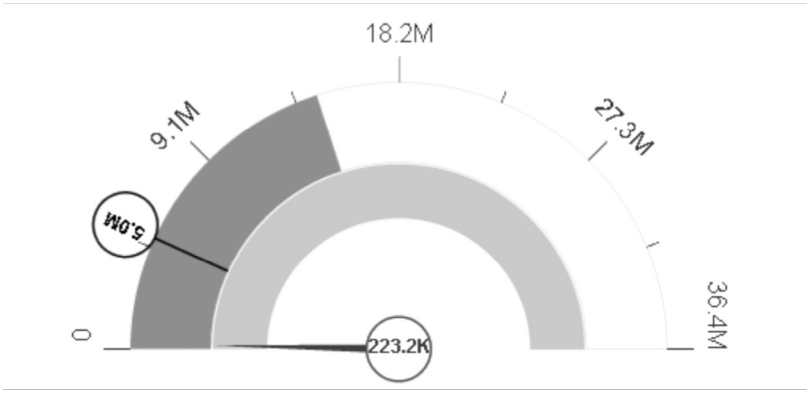
4. Dual gauge

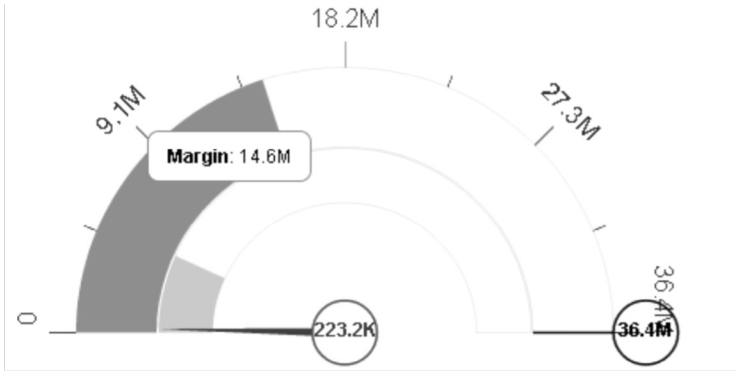
The aster chart is an enhanced pie chart, where the second measure is visualized as the length of the sectors in the pie.



Applicable in

- Lumira
- Design Studio





Features

4.1. Comparison friendly

This enhanced gauge chart with two axes along with a pointer needle and a floating needle each representing a value helps in comparing the four values on a single chart.

4.2. Easy decision making

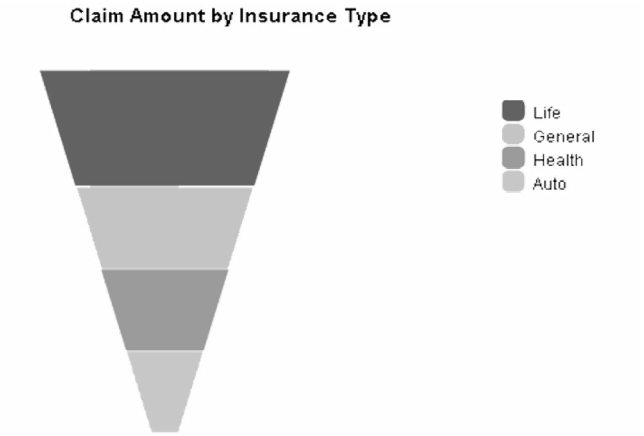
The dynamic scaling capability provided in this visualization helps in better visualization and quick decision making.

4.3. Data binding

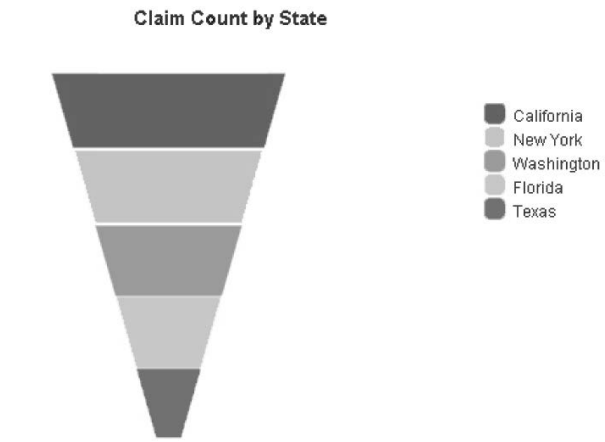
The gauge pointer components display the corresponding measures from the dataset.

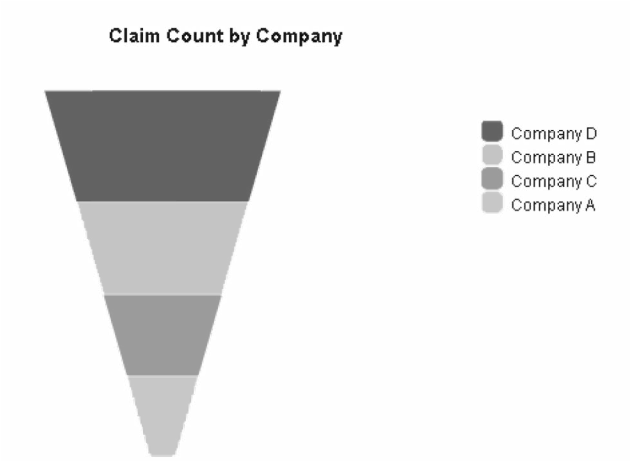
5. Funnel chart

This extension to fill the industry standard funnel chart within the Design Studio stack is used for representing stages and sections, or processing information.



Applicable in Design Studio





Features

5.1 Composition

The funnel chart displays values as progressively decreasing proportions. The size of the area is determined by the series value of the total of all values.

5.2 One-dimension and one-measure dataset

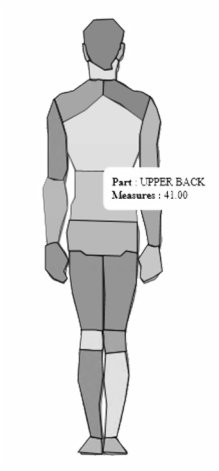
Based on a selected dimension value and its corresponding measure value, the chart is rendered in a sorted manner.

5.3 Enhancing Design Studio

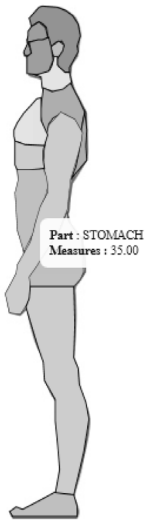
This Extension is present in Lumira and created especially in Design Studio to understand the metrics for a process by each level.

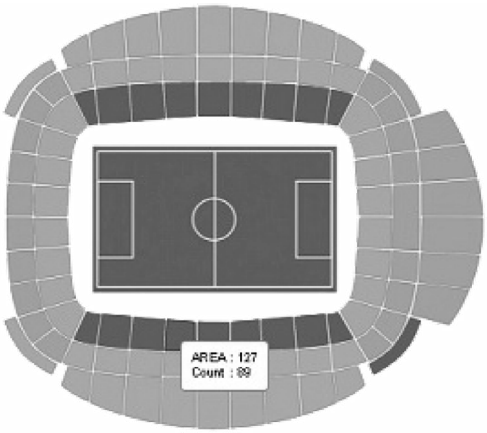
6. Image-based heat map

Image-based heat map is a graphical representation of data over any custom image, where the measures are represented by colors in various parts of the image.



Applicable in **Lumira** **Design Studio**





Features

6.1. Supports any image

The visualization can be based on a scalable vector graphics (SVG) image of any object, layout, or map. The SVG image is used to represent data in a colorful and graphical format.

6.2. Heat map overlay

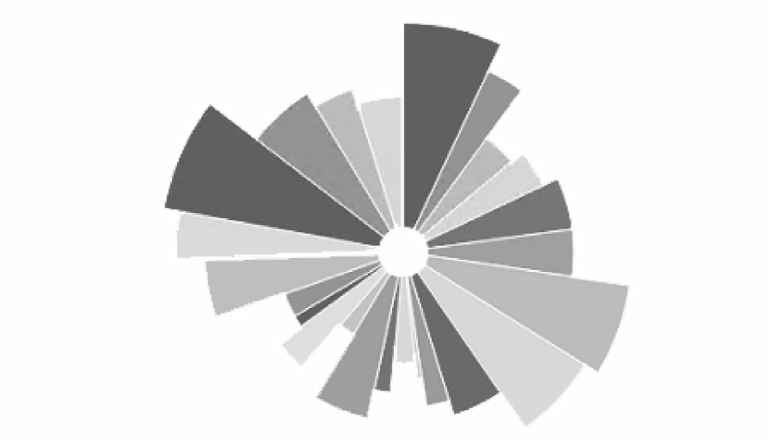
The visualization shows information in an easy-to-read format without clutter. Measures are displayed using a color-graded scale, which allows information to be interpreted quickly.

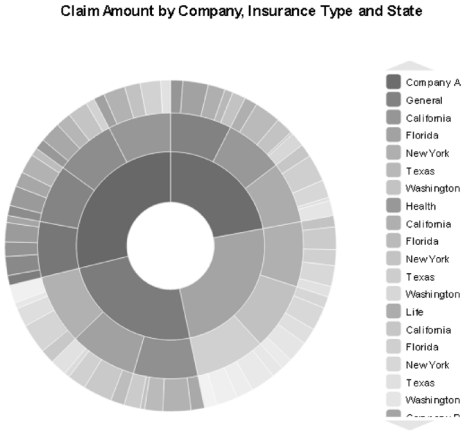
6.3. Dynamic image loading

Design Studio Extension supports the option for loading the image on the runtime by the end user. Lumira extensions will be packed for the provided SVG image.

7. Infosys Extension Suite

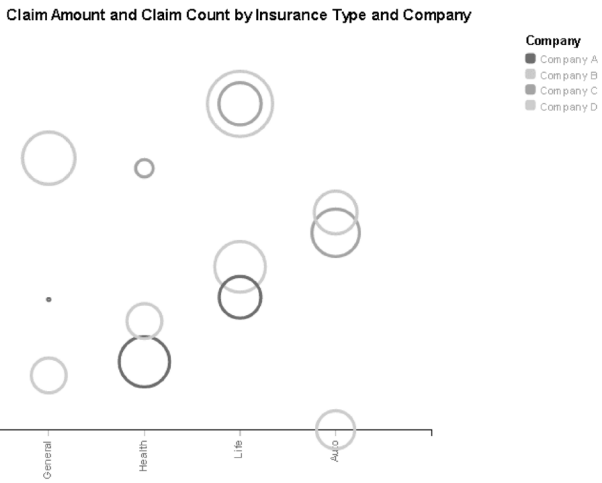
Infosys, one of the early adaptors of the SAP Analytics Custom Extensions, has more than eight niche extensions already listed in the directory and offers a custom suite of existing / new extensions as per the business requirement.

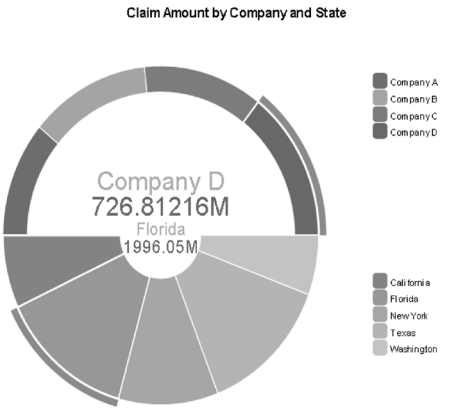


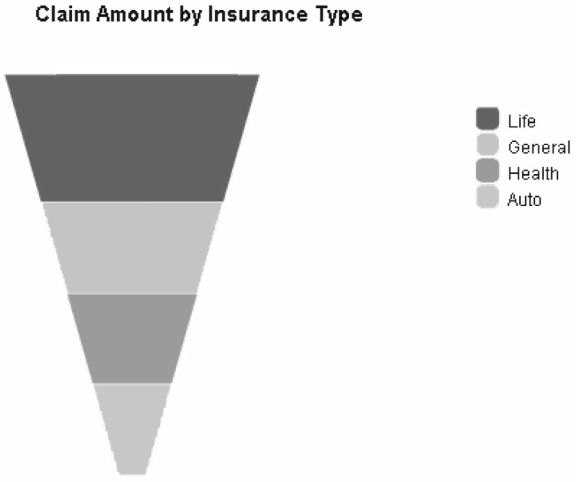


Applicable in

- Lumira
- Design Studio







Features

7.1. All industries charts

Infosys charting solution provides charts which are industry agnostic and easily adaptable across business lines and verticals.

7.2. Expertise in custom charts

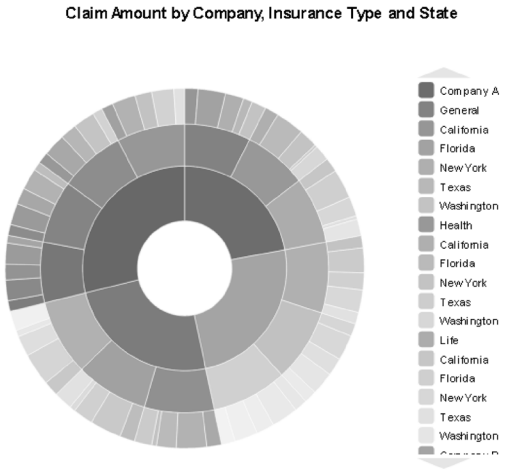
With the widespread usage of the existing solution with the standardized development life cycle, new charting requirement is considered as per business needs.

7.3. Enhancements to existing charts

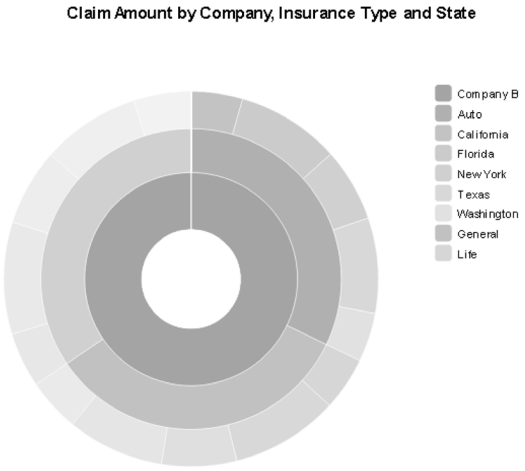
As per the user needs, the existing charts listed in the directory are also enhanced to meet the business requirements and purposes.

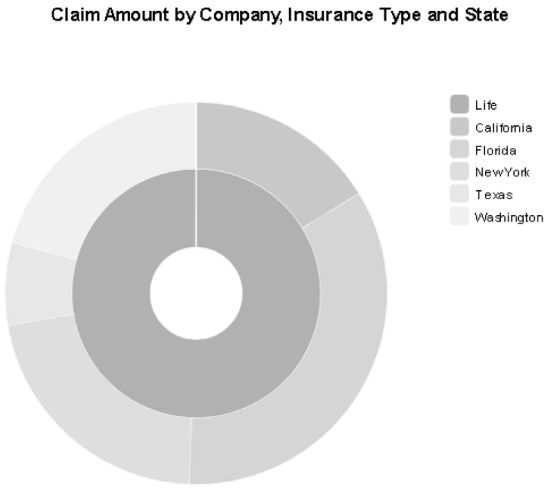
8. Nested donut

The nested donut chart provides a hierarchical view of data for a selected measure. Each dimension adds a ring to the chart with the first being displayed as the innermost ring. This visualization also enables drilling for a detailed view.



Applicable in **Lumira** **Design Studio**





Features

8.1. Multi-dimensional analysis

It helps in deeper analysis of the provided measure against the list of dimensions. The order of dimensions provided in the 'visualize' mode helps in rendering the visualization.

8.2. Standalone drill mode

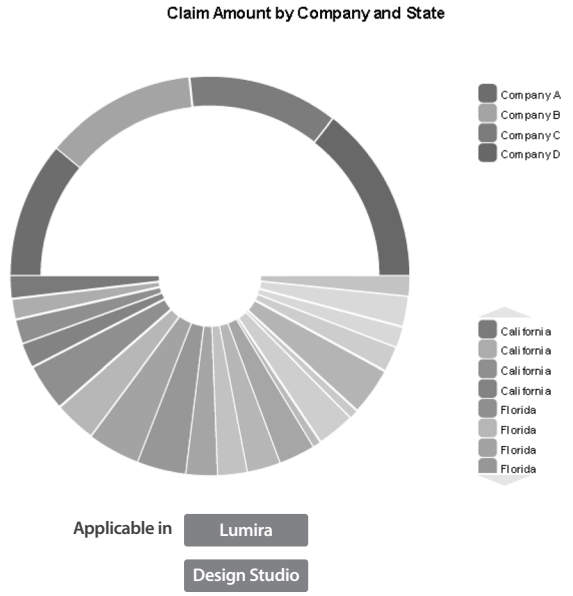
Localized drill down is enabled in this visualization, which means on drilling, the other visualizations in the page will not be drilled. This helps in performance during the use of the drill feature.

8.3. Quick change in hierarchical order

The option to change the order of the hierarchy is very quick and easy for the user in 'visualize' mode.

9. Roulette chart

The roulette chart is a combination visualization of a pie and donut chart types. For a common measure, two different dimensions are displayed as a semi donut at the top half and a semi pie at the bottom half. The pie data changes on the click of a sector in the donut.



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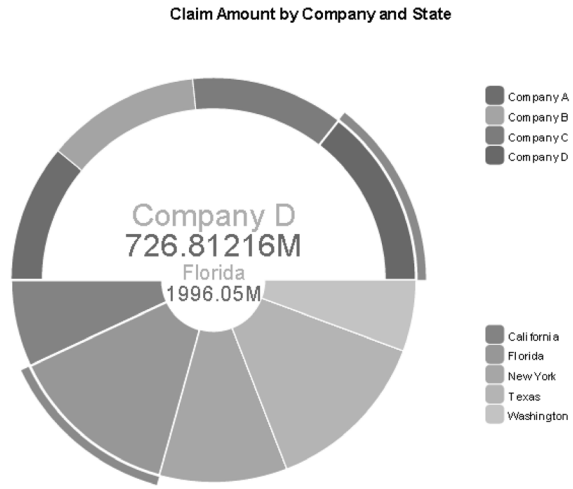
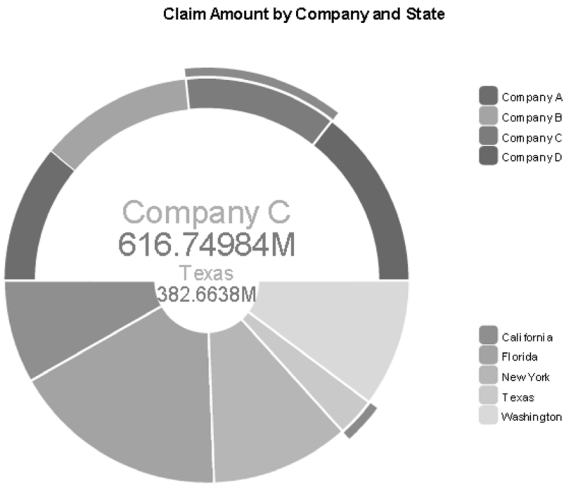




Features

9.1. Combo chart

This chart is the combination of a pie and a donut where the donut is the top sector to showcase the parent data and the bottom sector is the pie chart to list the related child.

9.2. Drill feature

A click of the parent sector will list the subsequent child data for an easy and intuitive analysis of the data.

9.3. Value selection for highlighting

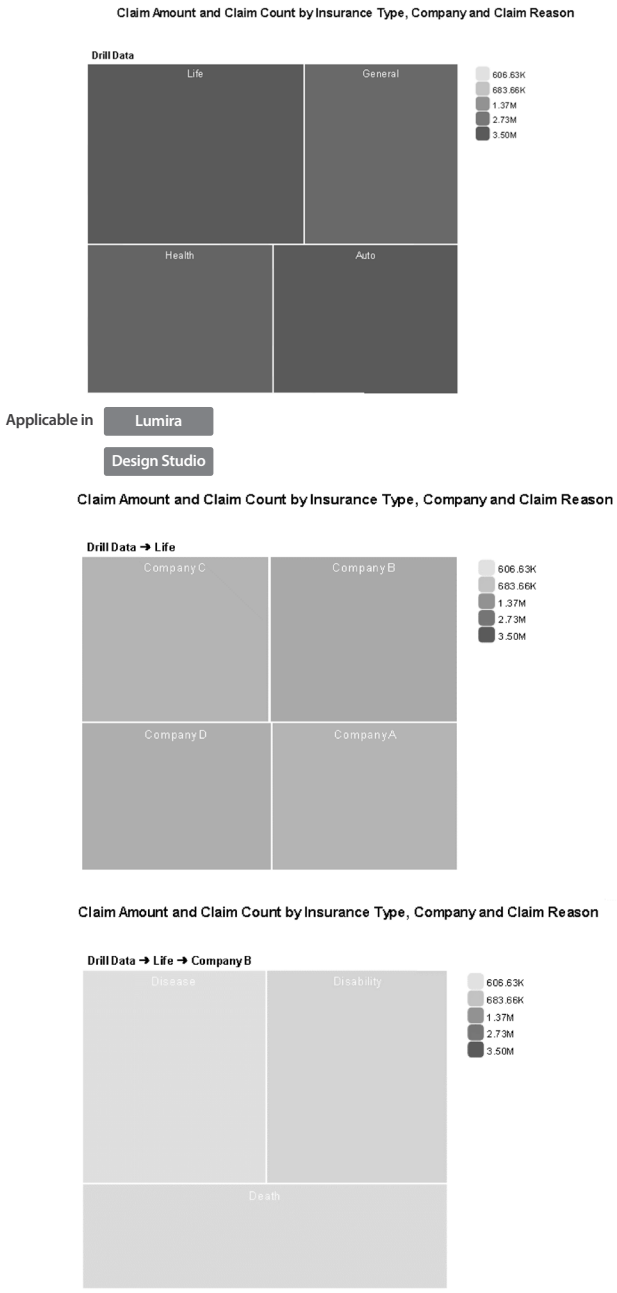
The selected parent and child sectors list the data at the center of the visualization. This will help to get the attention of the end user quickly.

9.4. Standalone drill mode

Localized drill down is enabled in this visualization, which means on drilling, the other visualizations in the page will not be drilled. This helps in performance during the use of the drill feature.

10. Zoomable treemap

The zoomable treemap helps in drilling without impacting the other charts in the storyboard, and changing the order of hierarchy is made easy.



Features

10.1. Standalone drill mode

Localized drill down is enabled in this visualization, which means on drilling, the other visualizations in the page will not be drilled. This helps in performance during the use of the drill feature.

10.2. Combination of data for drilling

It has the ability to create and use hierarchical ordering with different types of dimensions (time, geography, and dimensions values).

10.3. Quick change in hierarchical order

The option to change the order of hierarchy is very quick and easy for the user in 'visualize' mode.

10.4. Breadcrumbs for drilling route

The drilling route is showcased as breadcrumbs, which helps easy and quick analysis on the drilling route. This breadcrumb also helps in drilling-ups.

For more information, contact askus@infosys.com

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