

Power Bi Dashboard Options

001 Calendar - Streamline Event Tracking in Power BI



This calendar is an integral tool for event management within Power BI. Designed to integrate seamlessly with your Power BI reports, it allows for effective scheduling and tracking of key events, providing a clear, calendar-based overview of your important dates.

Key Benefits:

Event Grouping: Categorize and group events for streamlined management.

Flexible Views: Choose from Month, Week, Day, or List views based on your preference.

Easy Navigation: Directly navigate to detailed event information with a simple click.

Customizable Work Settings: Set specific workdays and hours for tailored scheduling.

Customizable Views: Added Year, Semester, and Quarter as new options for broader time management.

Enhanced Week and List Views: Option to hide the time for a cleaner look.

Multi-Event Selection: Ability to select and manage multiple events simultaneously.

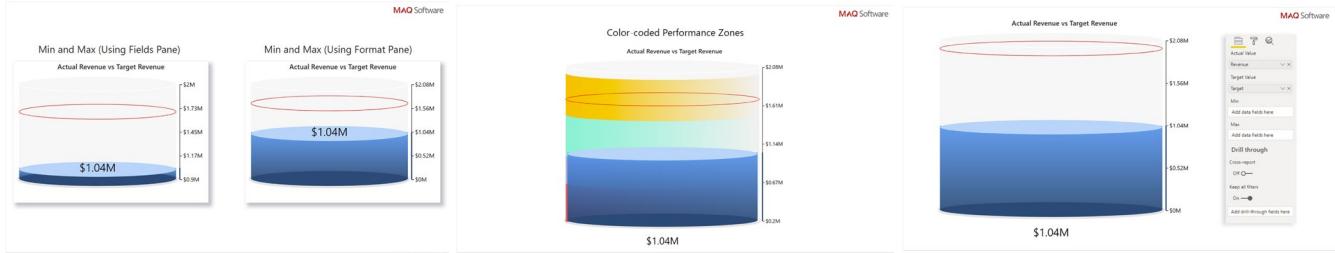
Use Cases:

Project Managers: Stay on top of project schedules and crucial deadlines.

Sales & Marketing Teams: Monitor significant dates in your campaigns.

Human Resources: Manage organizational events, vacations, and performance reviews.

002 Cylindrical Gauge



Transform your data into actionable insights with the Cylindrical Gauge by MAQ Software. This intuitive 3D visual tool is perfect for comparing actual values against target capacities or goals. Designed for simplicity and efficiency, each gauge represents a unique metric, allowing for quick and clear interpretations of progress.

Key benefits

- **Customizable range:** Set minimum and maximum values for tick marks to match your specific metrics.
- **Color customization:** Tailor the fill and border colors to align with your branding or data themes.
- **Vertical scrollbar:** Navigate through data smoothly, especially when dealing with height-restricted displays.
- **Optional fill line:** Improve clarity and focus with an additional fill line indicator.

Use cases

- **Inventory management:** Evaluate stock levels to forecast future needs (i.e., use Cylindrical Gauge to show how much of your inventory is available, used, or reserved, and compare it to your capacity or target level).
- **Marketing analysis:** Gauge customer satisfaction scores (i.e., use Cylindrical Gauge to show how your average customer satisfaction score for each product, service, or channel is, and compare it to your desired or benchmark score).
- **Travel and logistics:** Evaluate fuel levels across different journey routes (i.e., use Cylindrical Gauge to show how much fuel you have consumed, refilled, or have left over for each route, and compare it to your optimal or maximum fuel level).

003 Timeline Chart - Single-Axis Timeline Packed with Features



This Timeline Chart makes the single-axis timeline as beautiful and flexible as possible.

Features include:

Image support

Various timeline formats such as line, bar, waterfall, and kaban style layouts

Clickable links for reference items and renders image URLs

Downloadable iCalendar (ICS) file that integrates with Outlook

Horizontal and vertical scrolling helps with larger data sets

Customizable labels allow for variations in label color, font, size, and position which helps organize data into visually pleasing graphics

Supports time data sets without date restrictions

Everyday use cases include:

Image support

Visualize project milestones or stage gates

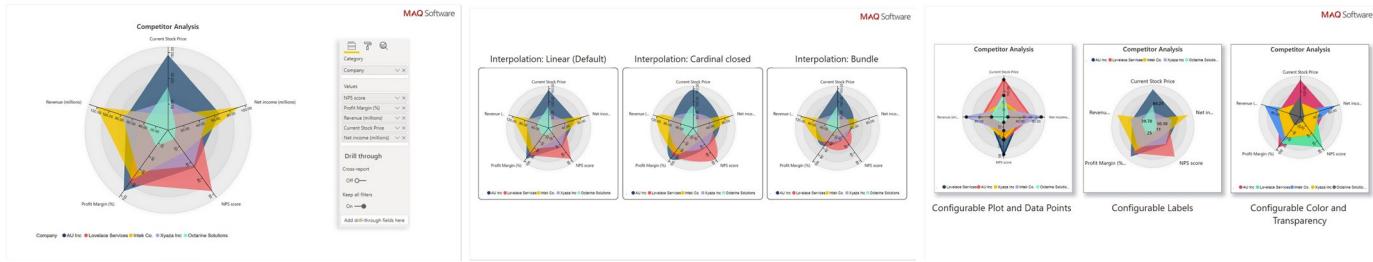
Visualizing key events

Race finish times

Showing upcoming events for a company

Showing upcoming holidays, birthdays or events with a picture and downloadable iCalendar file for staff

004 Radar Chart



Discover the power of multivariate comparison with Radar Chart by MAQ Software. Designed for analyzing data across various variables, our radar chart transforms complex data sets into understandable, star-like diagrams. Each variable is represented as an equiangular spoke, making it simple to compare different objects or data sets against a uniform set of features. Color differentiation improves readability, allowing for immediate insight into how each set ranks across multiple dimensions.

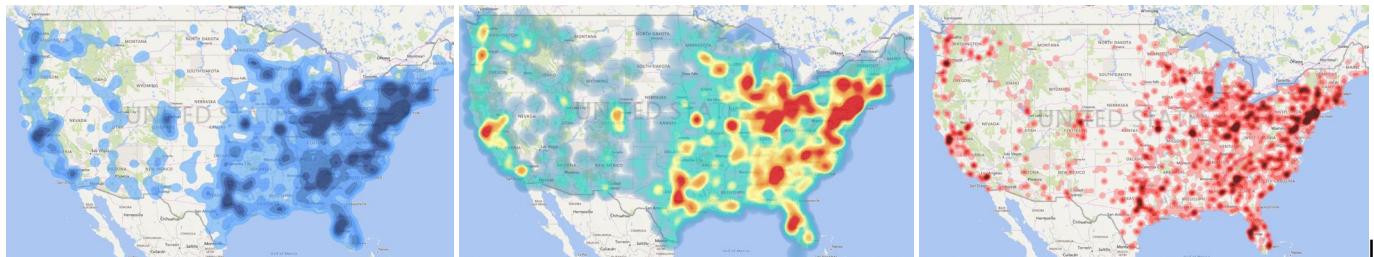
Key benefits

- Multivariate data plotting:** Simplify complex data comparison with ease.
- Customizable design:** Modify curve interpolation (sharp, rounded, or exact), colors, data point radius, labels, plot transparency, stroke width, and more for personalized visualization.
- Axis customization:** Show/hide axes, adjust color, stroke width, and position for clarity.
- Improved interactivity:** Cross-filter capabilities and interactive legends for deeper data exploration.
- Context menu support:** Right-click menu for quick actions and insights.

Use cases

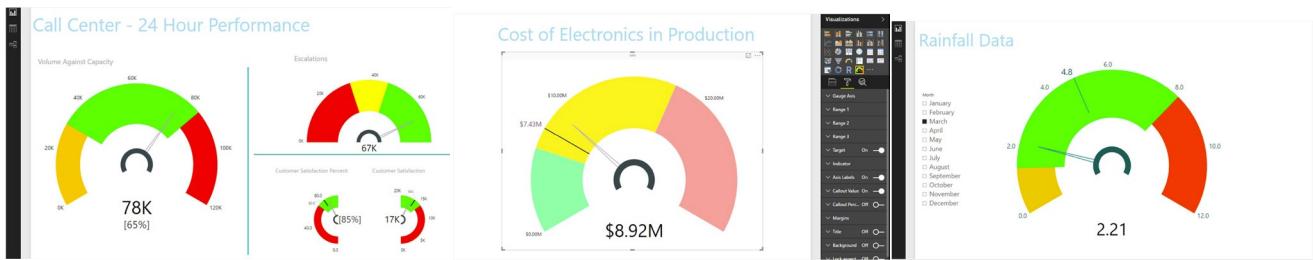
- Finance:** Evaluate company performance by comparing key business metrics such as sales, profits, and volume.
- Product management:** Benchmark products against multiple features or specifications to highlight strengths and weaknesses.
- Human Resources:** Visualize employee competencies across key performance indicators for fair and informed bonus allocation.

005 HeatMap - Visualize Density of Data Point Locations



Heat maps are a type of visualization to show data density on a map. They are particularly helpful when you have a lot of (e.g., tens of thousands of) data points on the map and are mainly interested in their overall distribution. Technically, in a heatmap, data points are aggregated locally and mapped to colors (either gradient or quantile), so that we can make better sense of the density of the data from the colors while still being able to see and use the map.

006 Tachometer - A Highly Customizable Gauge Visual



The Tachometer is a flexible gauge that allows you to quickly convey detailed information in a way that can be intuitively understood. Many customizable features are included to configure the look and feel as well as behavior, for example, variable start and end angles, configurable orientation, colors, labels, and axis scale. This is an ideal visual for communicating measures against low, acceptable, and high components such as team performance against targets, error rates, test coverage, and customer satisfaction.

007 Power KPI Matrix

Column-Based Data Model with Metrics as Rows

Category	Sub-Category	Metric Name	Current Value	KPI Status	Last 18 Months
Non-Financial	Usage	Active Customers	18,193	● -5%	
		Transactions	431.9K	● +4%	
		Satisfaction	50.5%	● +12%	
Financial	Volume	Total Units	1.15M	● +23%	
		Premium Units	30.76K	● -27%	
		Top Line	\$7.97M	● -1%	
Top Line	Gross Revenue	\$12.55	● -18%		
	Avg Price			● +3%	
	Returns	1,572	● -7%		

Power KPI Matrix

POWER KPI MATRIX SAMPLES:

Here are two examples of the Power KPI Matrix visual. The upper visual is a column-based data model where each metric or KPI has its own row. The lower example shows how you can pivot the table to display each metric in a vertical column. Other notable features include:

- Customizable Sparklines:** Show the actual values with or without target baselines, or use the same coloring of your KPI status indicators to show your past progress toward goals relative to targets.
- Expandable Categories:** Show or hide groups of metrics by using the Category feature.
- Individual Hyperlinks:** Lead to specific metric names and/or categories so users can navigate to drilldown reports or other related web contents.

Row-Based Data Model with Metrics in Columns

Category	Non-Financial							Financial	
Sub-Category	Usage			Volume		Top Line			
Metric Name	Active Customers	Transactions	Satisfaction	Total Units	Premium Units	Gross Revenue	Avg Price	Returns	Last 18 Months
Current Value	18,193	431.9K	50.5%	1.15M	30.76K	\$7.97M	\$12.55	1,572	
KPI Status	●	●	●	●	●	●	●	●	
Last 18 Months									

Row-Based Data Model Showing Metrics as Columns

Category	Financial				Non-Financial			
Subcategory	Top Line		Usage		Active Customers		Transactions	
Metric Name	Avg Price	Gross Revenue	Returns	Active Customers	Satisfaction	Transactions	Premium Units	Total Units
Current Value	\$13.79	\$7.74M	1,643	20,069	44.8%	525K	28.7K	1.18M
KPI Status	●	●	●	●	●	●	●	●
Trend								

IF YOUR BACKEND STORES METRICS AS ROWS...

Power KPI Matrix also works well for connector databases of different metrics. Here is a "row-based" sample data - where all metrics are stored together in the same column. In such a table, the metrics must be differentiated via a separate column that lists the metric name. Here's a sample of such a table:

Date	Metric Name	Value
10/02	Revenue	1,345.43
10/02	Customers	200
10/02	ROI	2.5%
10/02	Expenses	763
10/03	Revenue	943.32
10/03	Customers	250
10/03	ROI	2.2%
10/03	Expenses	621

Monitor balanced scorecards and unlimited number of metrics and KPIs in a compact, easy to read list

Power KPI Matrix enables balanced scorecards in Power BI and displays an unlimited number of metrics and KPIs in a single, customized list. Power KPI Matrix is similar to the Power KPI custom visual in supporting the creation and display of KPI indicator symbols and values along with current and historical trends of actual and target values.

The tabular format of Power KPI Matrix allows for an unlimited number of metrics and KPIs in a single list. While there are several other custom visuals available that also display lists of KPIs, Power KPI Matrix offers a few unique abilities:

- Balanced Scorecards.** Present different types of metrics and non-additive key performance indicators (KPIs), such as financial, operational, and customer-focused measures, as rows in a single list.
- Column-Based and Row-Based Sources.** Use your existing data models with minimal transformation. Bind the visual to either column-based metric sources or tables with row-based metrics.
- Super flexible and Customize-able.** Control fine details such as the font and background colors for each individual cell, row, or column; number formats, types, and precision; line chart colors and styles; row and column heights, widths, and more.

Complete instructions are provided in the sample file. Please download the sample from AppSource.com via a browser by hitting the “Get It Now” button. The “Try a sample” link will then show on the far right side of the screen.

286K
Profit

286.40K
Profit

On left you see Advance Card visual and on right you see Power BI default card visual in their default settings. As you can see there is not much difference between them except **Advance Card** visual provides more customizations in terms of visuals.



Tooltip Example

Below on left advance card visual if you hover your mouse, then you will see some data on tooltip which is coming from tooltip data field. Right advance card visual is similar to left one except there is some custom info is shown along with tooltip fields. This custom info is specified in **Show Tooltip** property in format pane. This tooltip will be only visible when **Show Tooltip** property is enabled.



Stroke Array(Advance) Example

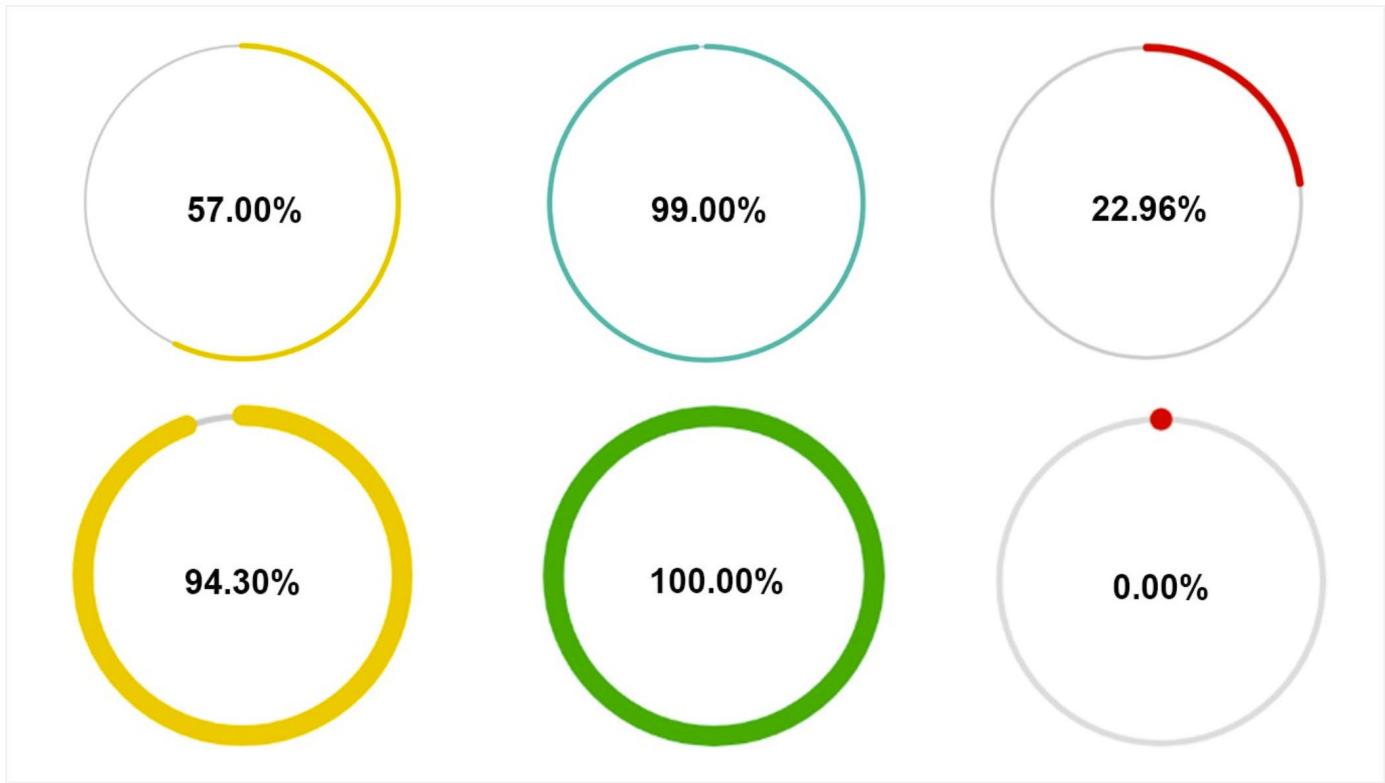


Advance card custom visual is based on default card visual present in Power BI. While having similar functionality as default card visual, it provides additional useful functionality such as adding labels to start and end, conditional formatting, tooltip support and more.

Features of Advance Card Visual:

- Conditional formatting
- Conditional formatting based on other measure
- Prefix and postfix support
- Align content to either left, right or center
- Tooltip support
- Background image support
- Stroke or border manipulation

009 Circle KPI Guage - Change Color Base on Predefined Rule

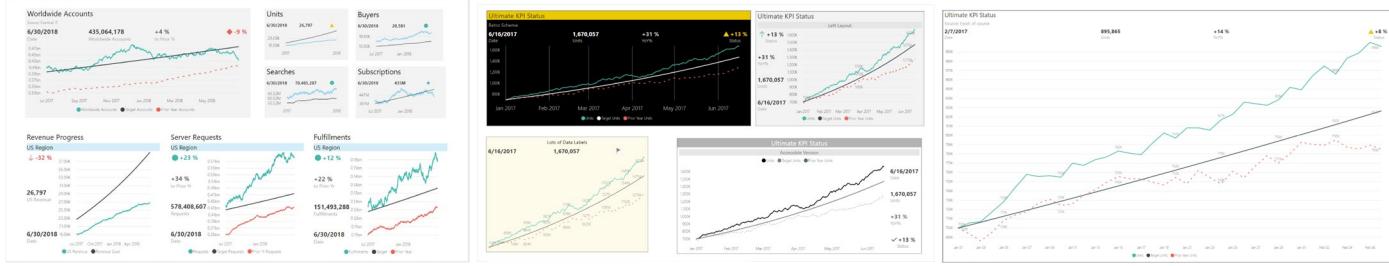


Each KPI can be visualized as donut chart. The visual is used to represent the percentage of data. It consists of an outer ring and an inner ring. You can change thickness and color of the rings, font size and color of the display, as well as the visual background color

Visual capabilities

When this visual is used, it

Can access external services or resources



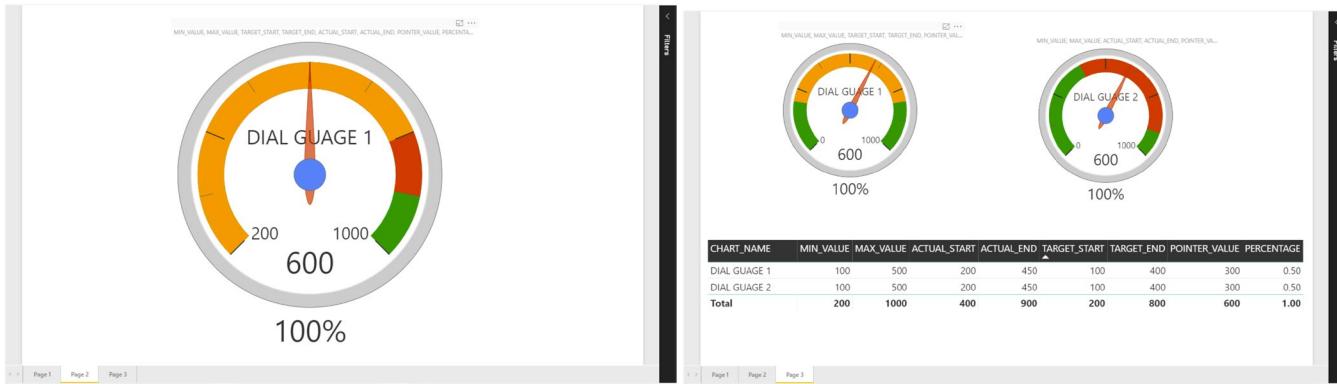
The Power KPI visual is for presenting a key performance indicator (KPI) along with a variety of supporting information, including:

- Title, Subtitle
- Current date and KPI status (value, indicator symbol, variance)
- Line chart with KPI trend, forecast line, and other comparison lines, as well as tooltips

Some of the key features include:

- KPI Symbols. Circle, triangle, square, diamond, flag, exclamation, checkmark, arrow up/down/angle up/angle down, caret up/down, circle empty, circle X, circle exclamation, circle checkmark, X, star empty/full. Combine with custom colors.
- Rich Formatting Options. Set alternate titles, labels, and tooltips, font sizes, colors, background colors.
- Layout Options. Toggle all card values on/off and choose among Top/Left/Right/Bottom layouts
- Numerous Chart Features. Provides most of the functionality of the standard line chart visual in Power BI, including customizable data points, number types, precision, X-axis and Y-axis tick marks, labels and reference lines, line styles and thickness, chart legend/location, and hover-over tooltips
- Total Control Over KPI Thresholds. Map your data to the desired KPI Indicators in one of two ways: 1) include a column in your data model with the index number of the symbol; 2) add a calculated column and set your own auto thresholds in the report
- Auto-Scaling. Design a larger tile in your report with rich details. After pinning it to a Power BI Dashboard, you may resize to smaller versions of the tile without losing essential details and without having to create separate report tiles for this purpose.

011 Dial Gauge – Detailed Multi Color

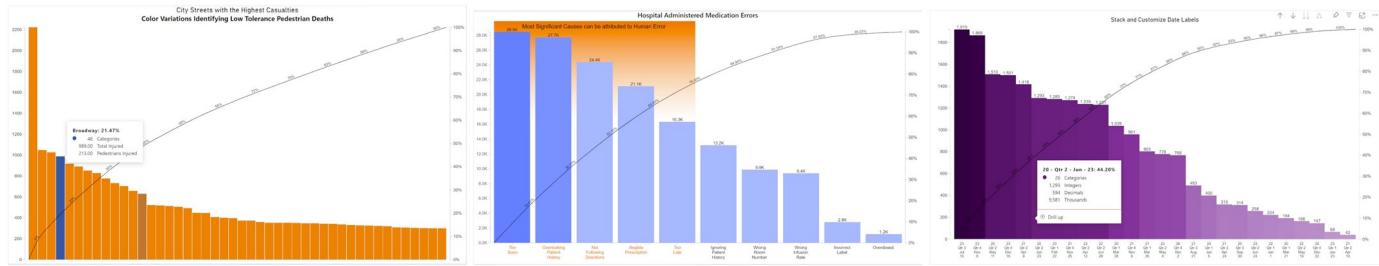


Dial Gauge allows you to define various ranges in the dial along with pointer value.

Description for custom ‘Dial Gauge’ visualization are as below:

1. Color indicated by red displays actual value.
2. Color indicated by yellow displays target value.
3. Pointer displays any value.
4. Null/blank/max values will be indicated by color green.
5. Default minimum value is 0. 6. Default maximum value is 100.
7. Additional label to display value. It append % sign.
8. Name of chart will be displayed on center of Dial Gauge.

012 Pareto Charts - Quick and Easy



Create a visual without needing to use high maintenance measures or complicated DAX formulas. *Even a small number of measures can become cumbersome.*

Present your data, even hundreds of categories, your way with a wide array of customizations.

Pareto charts can be used to identify significant causes with each bar representing a category or cause. One or more of the bars will account for the majority of outcomes.

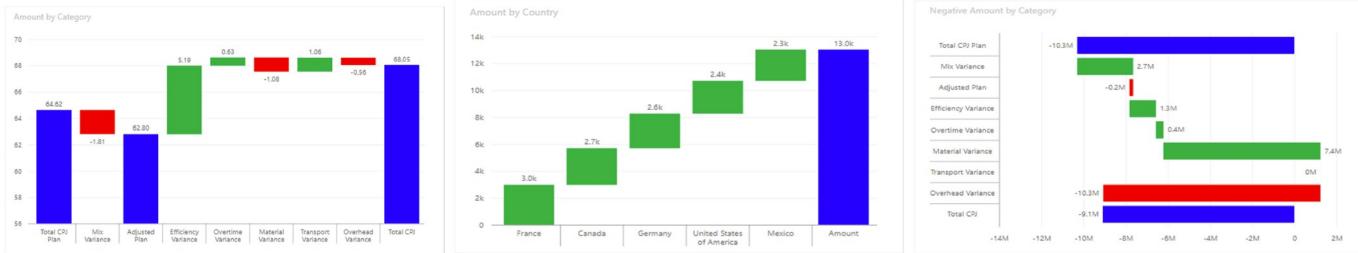
Useful across industries and different types of processes pareto charts help to identify and focus on the most impactful contributors to a process in order to focus business decisions.

A Pareto chart is a horizontal bar chart sorting the categories in descending order by frequency or summed count on category combined with a line chart showing the cumulative percentage representing the amount each category contributes to the total.

Descriptive Customizations

- Fonts, colors and sizes
- Scrolling and resizing
- Label placement
- Text hovering to increase readability
- Value & currency formatting
- Arc percentage labels readability
- Multiple coloring options
- Value placement
- Localizations
- Group formatting
- Ability to provide Diagnostic analysis on visual
- Highlighting process drivers
- Emphasizing and explaining the impact of outcomes

013 Simple Waterfall - Define waterfall pillars | Advance Formatting | Fully Customizable | Drillable



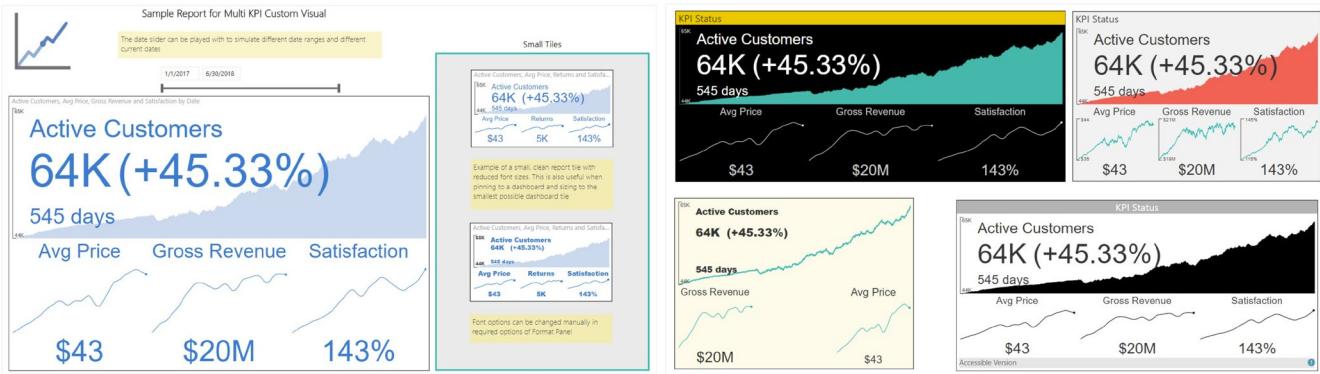
Simple Waterfall provides an easy-to-use interface to create a waterfall chart. You can define pillars based on categories or measures and choose between vertical or horizontal chart type. You can format all elements of the waterfall chart including individual bar colors, label color and a lot more. Key Features - Choose between Vertical and Horizontal Chart - Define chart pillars by measure or category (see attached image) - Drillable and Drill-through capability - Format the chart either by sentiment (Total, favorable and adverse) or each individual data point - Define scrollable or non-scrollable chart (fit to the chart window) - Customize bar color - Customizable margins of the chart - Choose when to show or hide category / measure with zero value - X-axis / Y-axis o Choose whether y-axis is auto defined or always starts with zero o Choose between wrap-text or otherwise for x-axis labels o Customize x-axis padding o bars width o gridlines o font size and font type o and a lot more o Choose the number formatting for y-axis as (none, auto, thousand, millions or billions) - Labels o Customize font color, label positioning by sentiment or individual data points o Choose the number formatting for y-axis as (none, auto, thousand, millions or billions)

014 Multi Info Cards - Category, Optional Image and Multiple Measures



This visual will generate multiple cards for a categorical column, and you can show up to sixteen measures and an optional image. It also supports filtering and highlighting, tooltips (both default and page tooltip), conditional formatting and a lot of customization features. It can be really great for enhancement of your data storytelling or to show up a lot of information about each of your key dimension data (a card for each employee in your team, for instance). - Francisco Daniel Souza Fernandes

015 Multi KPI



A powerful Multi KPI visualization, of a key KPI along with multiple sparklines of supporting data

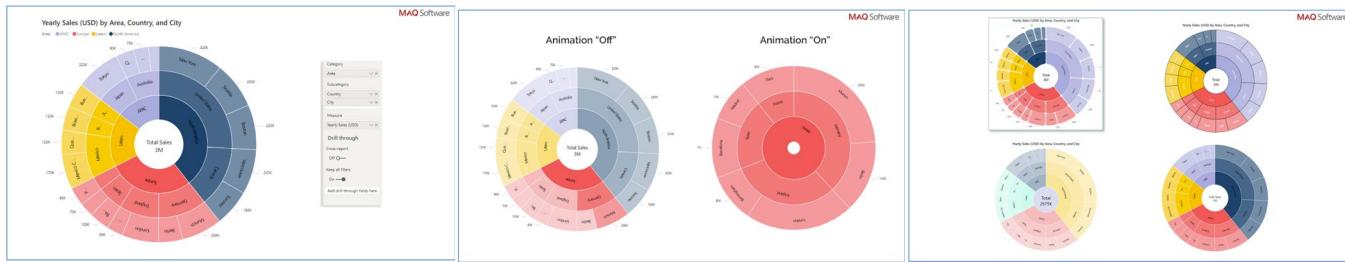
The Multi KPI custom visual is for presenting a key performance indicator (KPI) along with a variety of supporting information, including:

- Title, Subtitle
- Sparklines
- Current date and KPI status (value, date, variance)

Some of the key features include:

- KPI trend over time: hover-over the main chart to see a KPI for each date.
- Rich Formatting Options: set alternate titles, and tooltips, font sizes, colors, background colors.
- Numerous Chart Features: multi KPI support number types, precision, Y-axis tick marks, and hover-over tooltips.
- Sparkline Interpolation: Interpolate sparkline values to get rid of noisy points.
- Auto-Scaling: design a larger tile in your report with rich details. After pinning it to a Power BI Dashboard, you may resize it to smaller versions of the tile without losing essential details.

016 Sunburst



Sunburst by MAQ Software offers a dynamic way to visualize hierarchical data through nested, color-coded rings. This visualization tool transforms complex data into an easily understandable radial treemap or multilevel pie chart, enabling users to see the data as interconnected parts of a whole. Its customizable features ensure that different categories are distinct and patterns within the data are highlighted, potentially revealing insights that might otherwise remain hidden.

Key benefits

- **Customizable arcs:** Tailor the appearance of each ring to fit your data visualization needs.
- **Customizable detail labels:** Improve readability with adjustable labels for complex datasets.
- **Zoom-in animation:** Dive deeper into the data with smooth zoom-in functionality.
- **Customizable data colors:** Color code your data for quick category identification.
- **Cross-filtering support:** Interactive legend values and circles for in-depth data exploration.
- **Bookmark support:** Easily save and revisit specific views of your data.
- **Custom report tooltip support:** Provide additional information with custom tooltips.
- **Drill through:** Access further data layers with drill-through capabilities.

017 Dynamic KPI Card

The screenshot shows a dashboard with three main KPI cards:

- Cash:** Value \$289,449, PM Δ -64K (down), PM Δ% -18% (down). The card has a red border.
- Revenues:** Value \$451,979, PM Δ 20K (up), PM Δ% 5% (up). The card has a yellow border.
- Inventory:** Value \$141,746, PM Δ -15K (down), PM Δ% -10% (down). The card has a green border.

On the left, there is a sidebar for selecting a year-month period. On the right, there are two panels for configuration:

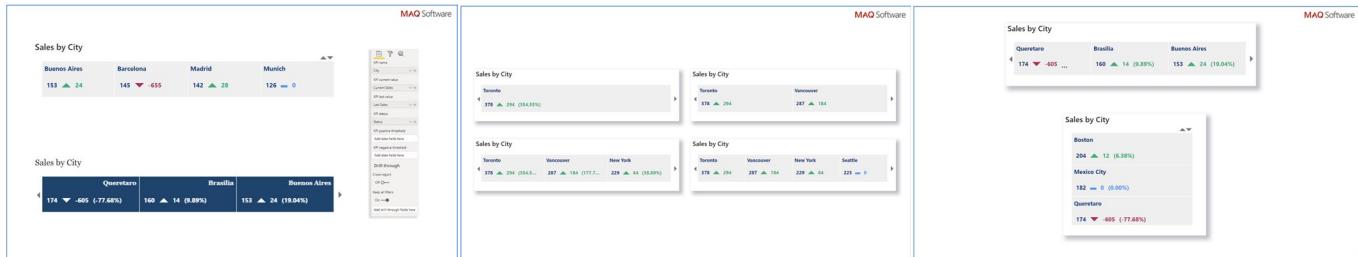
- Comparison 1:** Settings for the red card (Cash). It includes color selection (Color 1: red, Color 2: yellow, Color 3: green), frame color rules, and a preview of the card's appearance.
- Comparison 2:** Settings for the yellow card (Revenues). It includes color selection (Color 1: red, Color 2: yellow, Color 3: green), frame color rules, and a preview of the card's appearance.

Both panels include sections for 'Show Comparison' (checkboxes for Show Arrows, Show, Color, Font size, and Font style), 'Thousands' (dropdown), 'Value Decimal Places' (input field), 'Color For Positive' (radio buttons), and 'Color For Negative' (radio buttons).

The card shows a main KPI and allows to set up to two other references. The color of border changes.

This simple yet powerful card is the result of several iterations done with the input of business users in different industries. It is designed to show on one sight a KPI and how it compares to the other two references (i.e. other KPIs, or comparisons). The frame of the card changes according to predefined boundaries. The comparison measures can have an arrow, and the color behavior of it depends on if the positive value is good or bad for the organization.

018 KPI Ticker



Maximize dashboard space and maintain a comprehensive overview of your key performance indicators (KPIs) with KPI Ticker by MAQ Software. Designed to display multiple KPIs within a rotating visual, this tool allows for real-time tracking of performance metrics while saving report space. Highlight positive, negative, or neutral trends with optional color coding for instant insights. Perfect for applications requiring constant monitoring of fluctuating metrics, KPI Ticker brings efficiency and clarity to your data visualization needs.

Key benefits

- Customizable display: Tailor the number of tiles per row, background colors, font size, and color to fit your dashboard theme.
- Trend indicators: Use customizable colors to distinguish between positive, negative, and neutral trends.
- Flexible animation: Engage your audience with customizable tile animations.
- Adaptable layout: Choose between vertical and horizontal tile layouts to best fit your report space.
- Improved formatting: Full control over tile and font aesthetics for a polished look.

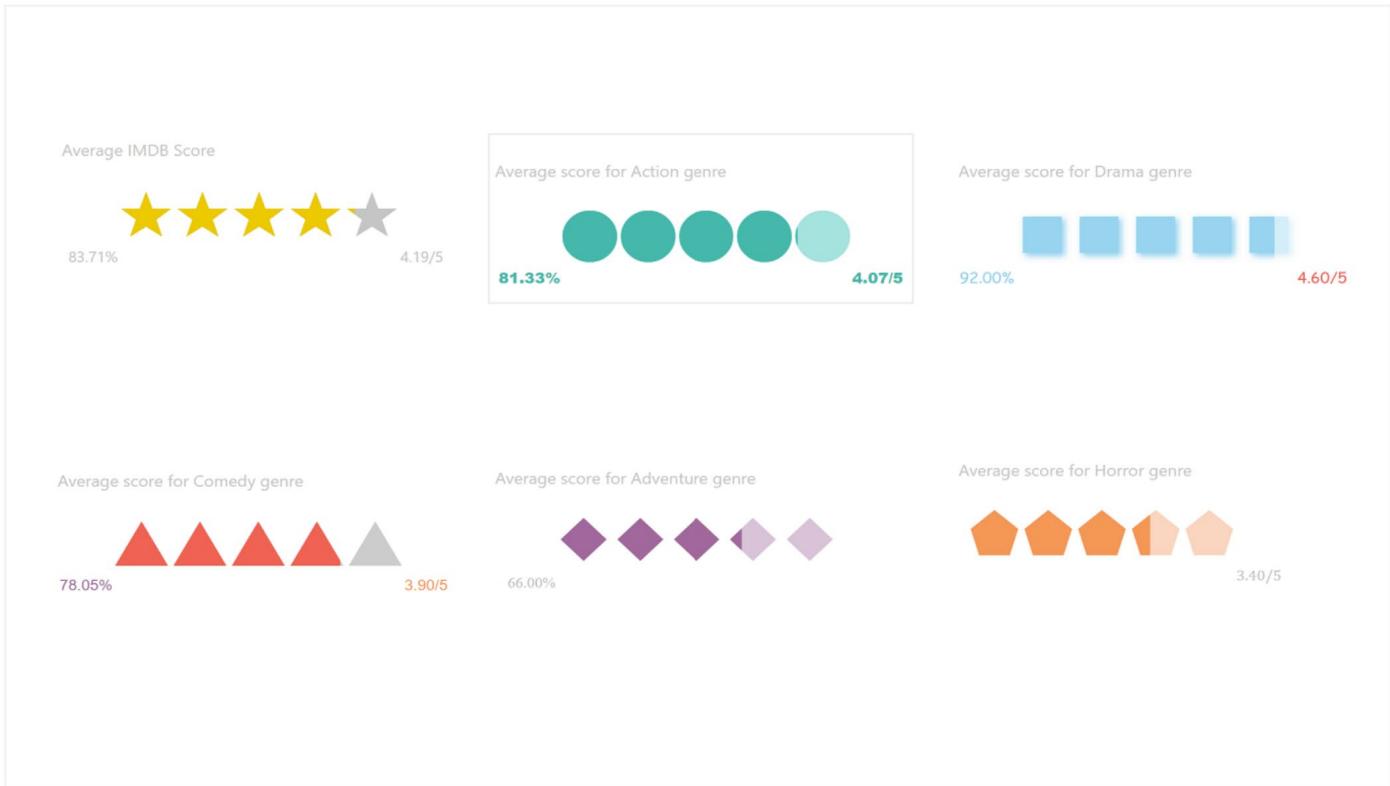
019 Multi KPI Decomposition Tree



A custom decomposition tree, capable of presenting multiple values on each node

The Multi KPI Decomposition Tree provides you the ability to visualize hierarchical data with multiple KPIs. The visual currently needs the data in tabular form with the hierarchy flattened out. All the levels (depth) of the visual need to be flattened out into separate columns and so do the associated KPIs. The sample pbix on the Microsoft AppSource contains the format of the data to use with the visual. All features are free, with CBT watermark on the visual. There is no current pricing plan. Features - Stacked Bar Chart option within nodes - Up to 5 KPIs within nodes - Multiple Formatting Options for the visual - Cross Filtering - Zooming and Panning Upcoming updates - Search functionality - Images on nodes - Simple view on zooming out

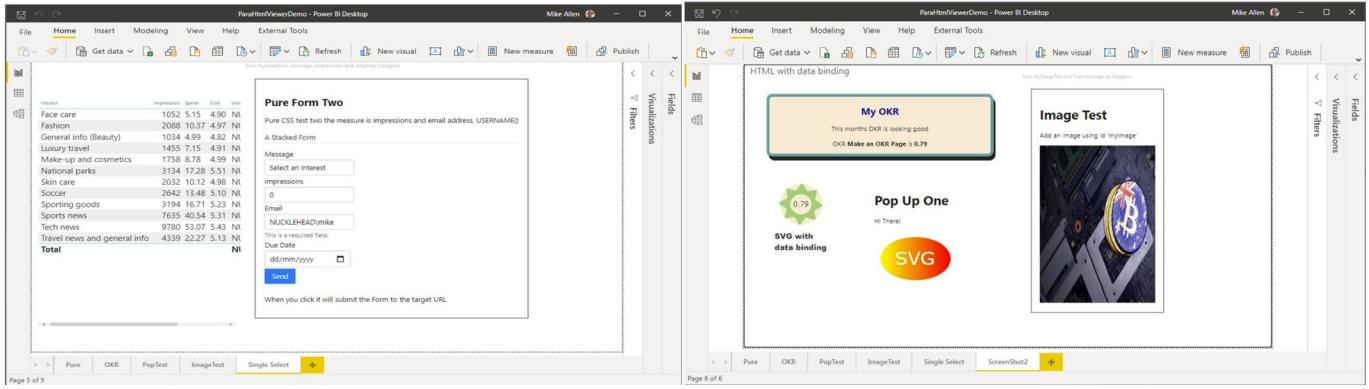
020 Ratings Visuals



It provides a variety of rating options for various performance indicators

This visual helps users to create different scores and rating indicators for their reports. Users can use different forms of the data field to display ratings e.g. average, count, sum, etc. Features: - Ratings can be displayed in different indicator styles including stars, circles, etc. - It shows progress in percentage - It shows selected stars/total stars Formatting: - Six different shapes are available - Rating indicators count can be changed - Indicator selection and deselection color can be set - Display shadow - Show and hide percentage and selected indicator value and set their position top or bottom - Change label colors with their font size and font family

021 ParaHTMLViewer



This is a single Card HTML Viewer which can display Power BI Data, accept input and submit

This visual will display HTML loaded from a dataset. Data can be bound to the HTML using the Id attribute to most HTML tags including images. HTML should not include any javascript as this will not be processed, CSS style sheets from a CDN will be processed and the sample contains a form using PureCSS. As a single card, the visual requires a category to provide context, measures which have the same name as Id's will be bound to the card. SVG is supported and an Id in a text tag will bind data. This visual can be used to create unique tooltips pages. Forms can be submitted to a target URL, Power Automate is the recommended target.

022 Slim data bar KPI Visual

Data Bar KPI Visual

Step 1 - Add your value
requests
20,842

Add a measure / aggregate field into the value field. This should represent the current value.

Note:
The background of the bar is black as there is no target. You can turn this off by navigating to
formatting pane -> Bar -> Fill 100% when no target
and flicking the switch to off.

Step 2 - Add your max
requests and max_no_requests
20,842 33897

Add a measure / aggregate field into the max field. This will be where the max field ends. Observe that the bar is filled to the percent of value / max.

How does it choose to be red / green?
As there is no target supplied the visual assumes that the target is the same as the max and hence only fills the bar green if it fills at 100%

Step 3 - Add your Target
requests, target_no_requests and max_no_r...
20,842 33897

Add a measure / aggregate field into the target field. You will then see a dotted line at the percentage position of target / max.

If the percentage filled i.e. value / max is greater than the dotted line position the bar will be coloured green and if less red indicating whether the target has been met.

Step 4 (Optional) - Add a category

Add a categorical field to the categories field. This will stack the bars according to the categories.
How did you get them stacked horizontal?
formatting pane -> Items -> Orientation

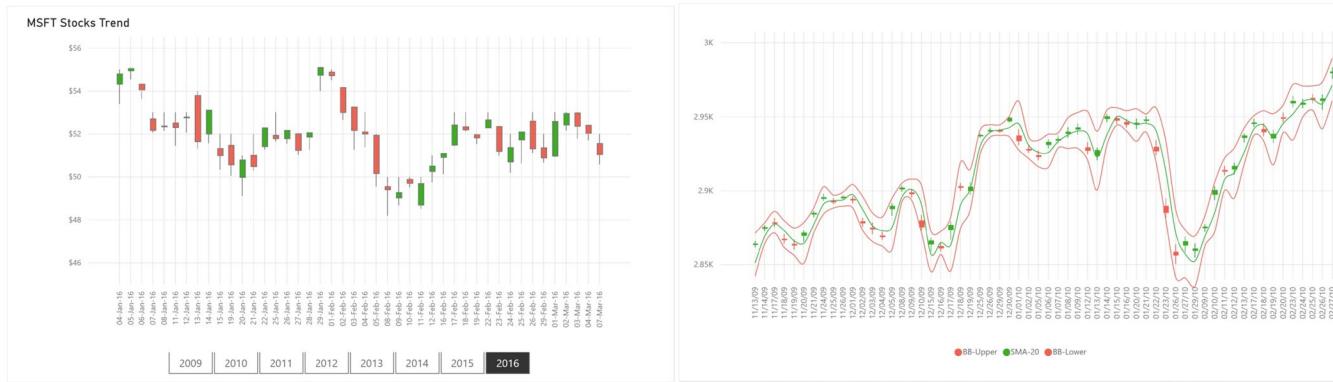
Lead Nurture Proposal Closed deal

Category	Value	Max	Target
Lead	5,622	14,155	14,155
Nurture	3,956	7,000	7,000
Proposal	3,711	5,000	5,000
Closed deal	7,553	7,742	7,742

A power bi custom visual providing a slim data bar visual for KPI based analysis.

A slim KPI visual which indicates the progress towards the target with a slim bar that is coloured. Designed to take the smallest amount of report space possible. You can fit it just into two boxes inside a Power BI Mobile report

023 Candlestick

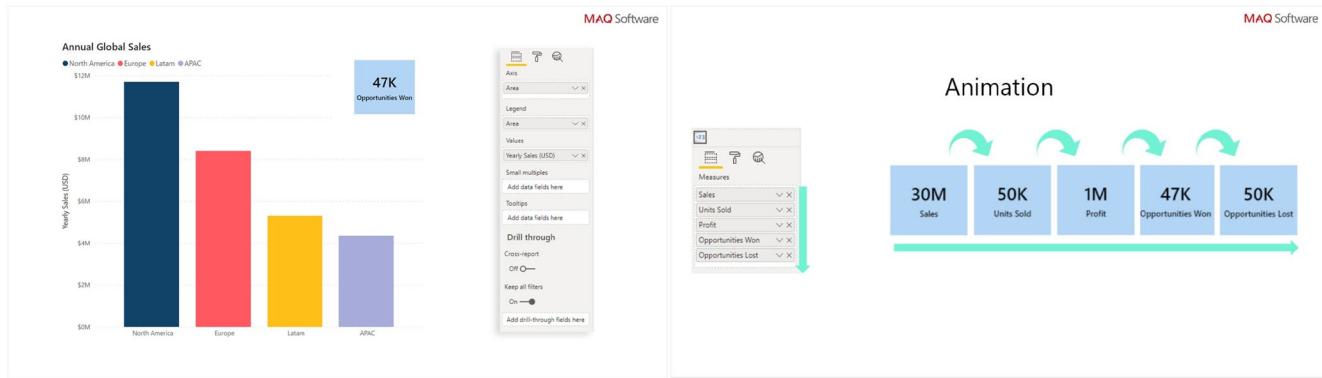


Presents stock data using a specialized chart made up of several candles.

Candlestick by OKVIZ is used to describe the price variations of a stock, derivative, or currency.

Each candle in the chart typically shows four price values: high, low, open, and close. This visual allows you to define multiple trend lines for analytics purposes, such as the Bollinger Bands.

024 Rotating Tile



Unlock the full potential of your report's limited space with Rotating Tile by MAQ Software. This visual allows you to display multiple Key Performance Indicators (KPIs) within a single automatically rotating tile. Perfect for year-end summaries, quarterly business reviews, or any report where space is limited and data impact is critical.

Key benefits

- Rotatable axis: Customize the tile's flipping direction with horizontal or vertical options.
- Configurable flip delay: Control the speed of rotation to match your audience's reading pace.
- 3D effect visualization: Elevate your data presentation with an optional three-dimensional effect.
- Comprehensive formatting options: Personalize font style, size, color, background, and border to align with your report theme.

025 KPI Grid

MAQ Software

Global Sales			
Market	Units Sold	Sales	Profit
⊖ Domestic	823253 ↗	\$1,929,734 ↗	\$482,435 ↗
⊕ Arizona	629045 ↗	\$665,222 ↗	\$166,306 ↗
⊖ California	149954 ↘	\$304,690 ↘	\$76,173 ↗
San Luis Obispo	124375 ↗	\$277,490 ↗	\$69,373 ↗
San Francisco	25579 ↘	\$27,200 ↘	\$6,800 ↘
⊕ Texas	44254 ↘	\$959,822 ↗	\$239,956 ↗
⊖ International	135096 ↘	\$651,489 ↘	\$162,874 ↘
⊕ Canada	92837 ↘	\$518,496 ↘	\$129,625 ↘
⊖ Mexico	37172 ↘	\$94,018 ↘	\$23,505 ↘
Mexico City	30628 ↘	\$26,018 ↘	\$6,505 ↘
Queretaro	6544 ↘	\$68,000 ↘	\$17,000 ↘
⊕ Brazil	5087 ↘	\$38,975 ↘	\$9,744 ↗
Total	958349 ↗	\$2,581,223 ↗	\$645,309 ↗

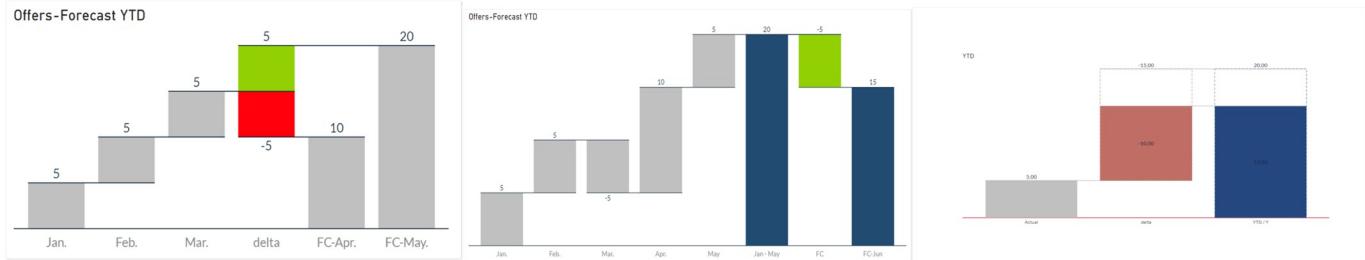
Separate hierarchical data into categories to illustrate trends | PBI certified

KPI Grid by MAQ Software allows users to track productivity and performance data by displaying key data in hierarchical order. Specify the time periods to show data for to easily gauge performance according to internal deadlines and benchmarks.

Business Uses:

- Sales - Measure upselling success, quotation conversion, year-over-year sales, and other sales performance metrics
- Marketing - Measure bounce rate, click-through rate, and other marketing performance metrics
- Human Resources - Create and staff advocacy scores, diversity indexes, and other operational metrics
- IT - Track cost variance, schedule variance, and project status
- Finance - Track profit margin and operating profit margin

026 Waterfall-Visual-Extended

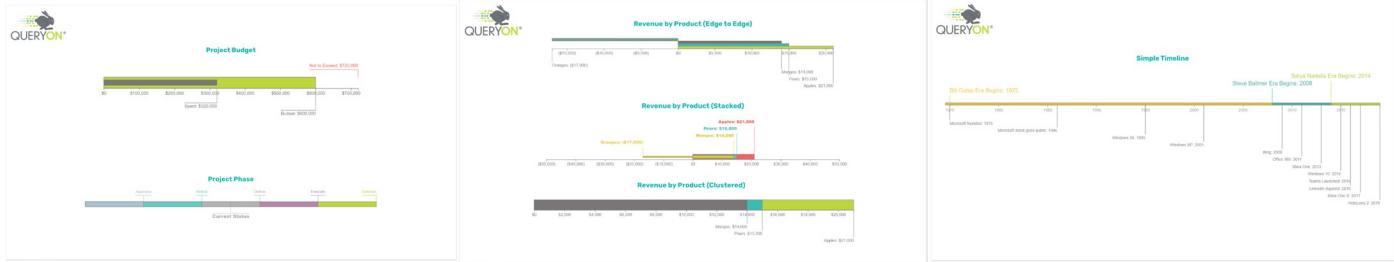


Waterfall for simple visualisation of deviations between bars and final values

This waterfall model supports comprehensive functions for representing bridges and waterfall models with delta elements. In addition, all elements can be customised individually. This provides full flexibility. Supported functionalities:

1. Creation of bars that are displayed next to each other
2. Creation of adding bars
3. Creating deltas between two bars
4. Creation of summing bars from adding bars
5. Creating deltas to the next and next but one bar
6. Creating end values. (Bars are displayed one above the other. Helpful when displaying year-end values)
7. Configuration of all labels possible
8. Configuration of lines and axes possible
9. Configuration of all bars in color, border and arrangement
10. Specification of bar colors depending on their value
11. Hide and show individual Bars

027 Annotated Bar



Add callouts to important bars, or just read stacked, clustered, or overlapping bar data clearly.

Annotated Bar by Queryon combines bar chart functionality with customizable labels.

Help your users pay attention to key data in a bar chart.

Customize your labels color, font, size and position (top or bottom) of the bar.

Users can drill down by clicking on labels or the bar itself.

Bar styles include Stacked, Side-By-Side (Clustered), and overlapping (a.k.a bar in bar.)

Overlapping bars help visualize the comparison between two things when one is inherently a part of the other.

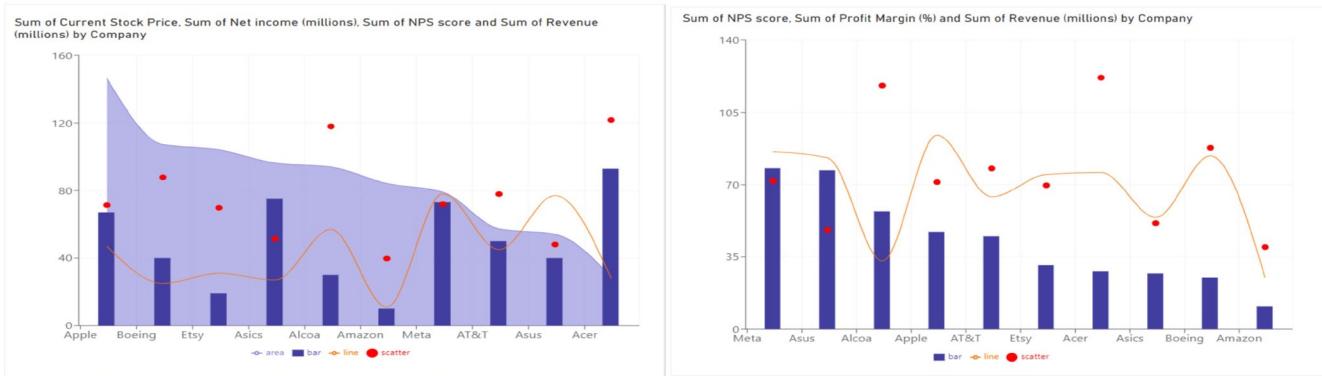
Features:

- Ability to hide text labels.
- Ability to hide x-axis tick marks.
- Ability to control the border of bars.

Improvements:

- General improvements of settings locations in the format tab.
- Improved tool tip performance.
- Colors not initially showing on Bar Formatting tab.
- Colors not initially showing on Label Formatting tab.
- Improvements to color management using HEX vs RGB.

028 Composed Line Area Bar Chart



The Composed Line Area Bar Chart is a powerful and flexible data visualization technique that combines the features of a line graph, area chart, and bar chart to present complex datasets in a comprehensive and visually appealing manner. This innovative charting approach allows users to effectively analyze trends, compare data points, and understand the distribution of information within a single graph.

At its core, the Composed Line Area Bar Chart displays multiple datasets simultaneously, providing a holistic view of the data. It enables users to gain insights into various aspects such as time series analysis, cumulative data, and categorical comparisons.

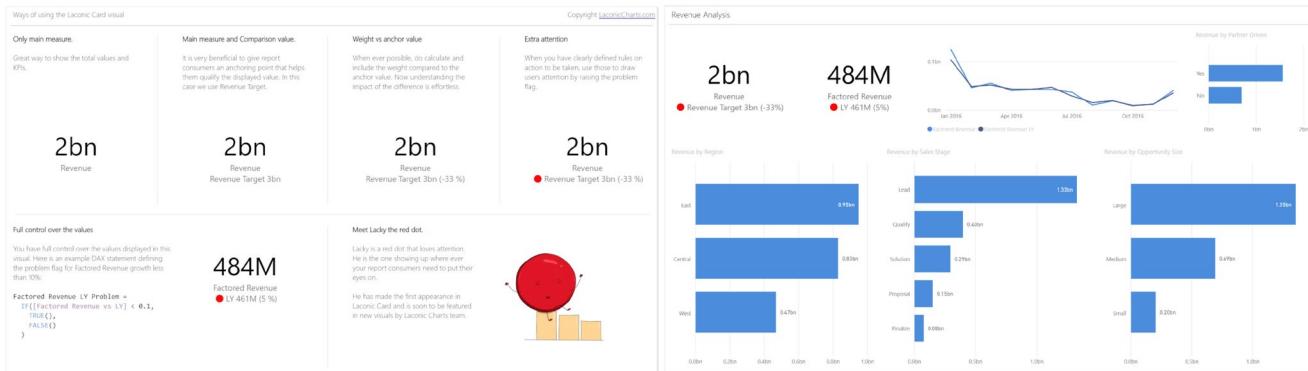
By merging the key elements of line, area, and bar charts, this visualization technique offers a unique and versatile way to explore complex datasets. The line graph component of the Composed Line Area Bar Chart allows users to track trends and changes over time.

By plotting data points and connecting them with lines, it provides a clear depiction of how values evolve and fluctuate. This feature is particularly useful for analyzing temporal patterns, identifying seasonality, or observing long-term trends. The line graph element adds a dynamic and interactive aspect to the chart, enabling users to hover over data points for detailed information or zoom in to specific time intervals for closer examination. The area chart element of the Composed Line Area Bar Chart complements the line graph by showcasing the distribution and cumulative values of the data.

By filling the area under the line graph with color, it visually represents the cumulative total or proportion of the data at each point. This visual representation is particularly effective for highlighting the overall pattern and proportionality of the data. It helps users identify areas of concentration, observe changes in distribution over time, or compare cumulative values across different datasets. The bar chart component of the Composed Line Area Bar Chart enhances visualization by providing a categorical comparison of the data. It utilizes vertical bars of varying lengths to represent different categories or data groups.

By aligning these bars with the corresponding data points on the line graph or area chart, users can easily compare values across categories. This feature is particularly beneficial when analyzing discrete data, comparing different entities, or identifying outliers within a dataset. The Composed Line Area Bar Chart offers a range of advantages over traditional charting techniques.

029 Laconic Card - Free



A clutter-free card visual for displaying your KPIs.

Laconic cards focus on delivering information in the clearest possible way. All values are displayed as they are in your calculations, giving you full control over the information displayed. The only mandatory component is the main measure, remaining comparison measures and problem flag are optional components.

Advantages over built-in card visual:

- Two additional measures for anchoring and comparing values;

Built-in problem flag indicator (red dot);

- Better total report performance since up to 4 visuals are packed into one.

030 Animator for Power BI

Beverage Consumption by Country 2020

Country	Beer (Ltrs per capita p.a.)	Coffee (Kg per capita p.a.)	Soda (Ltrs per capita p.a.)	Tea (Kg per capita p.a.)	Wine (Ltrs per capita p.a.)
Ireland	155	2.1	126	2.19	13
Spirits (Ltrs per capita p.a.)	5.3				

City Comparison

Continent	City	Population	Traffic	Cost	Air Quality	Overall
Americas	Shanghai	24.1	High	Medium	0.55	37
Asia	Tokyo	13.5	Very High	Very High	0.34	86
Europe	Delhi	11	Medium	Medium	0.96	41
Americas	Jakarta	10.6	Medium	Medium	0.91	36
Asia	Bangkok	5.8	Medium	Medium	0.45	47

Create custom, data-driven chart and infographic animations based on any SVG image.

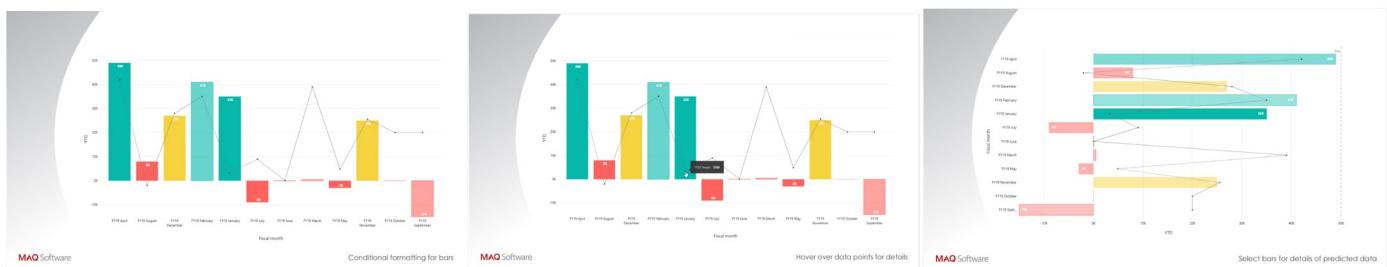
The Inovista Animator is a web based application that allows users to import SVG images and create intelligent animations that change their behavior based on external data. This Power BI visual allows a user to take a data-driven animation created in the Inovista Animator and load it into Power BI.

Variables in the animation can be linked directly to Power BI data values or defined as user editable properties. In the Animator, a full range of animations are available including Movement, Rotation, Scaling, Path Animation, Text Animation, Clipping, Masking, Text Offsets, Morphing and Wave Motions. Animation can also be driven by events such as mouse clicks.

Highlights

- This extension will take any animation created in the Inovista Animator and convert it into a Power BI component. Animations may be charts or infographics driven by Power BI data or simply decorative items such as moving logos.
- The animations can be exported from the Animator as JSON files or they can be copied to the clipboard. In Power BI, the JSON file can be loaded or can be pasted directly from the clipboard.
- In the Animator, all aspects of the animation can be modified by creating variables, for example how much of an image to display to simulate a bar chart. Each variable can be defined as either a data item or property. In Power BI, data items are linked to Power BI data and properties can be set by the user. Examples of properties may be fonts or colors.
- Once defined, data values can be updated by filters or any data update.
- Tooltips are available for all data driven element in the image. Each item has an optional tooltip checkbox which shows or hides the element tooltip

031 KPI Columns



Measure your progress toward key performance indicators (KPIs) with integrated line and column chart

Clearly represent where your performance lies in relation to your targets. KPI Column by MAQ Software combines line and column charts. The columns represent performance, while the lines mark KPI targets. Each specific column changes color depending on how it compares to a target line value.

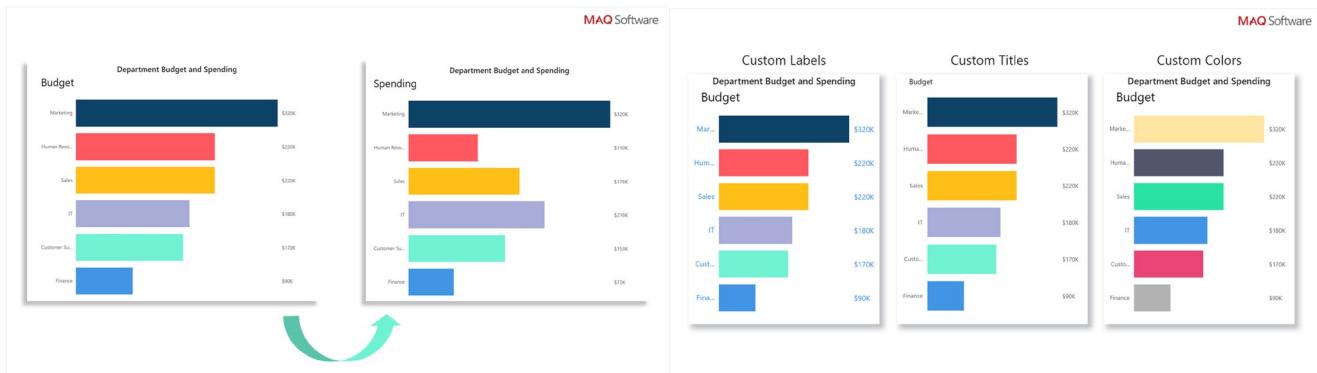
Business Uses:

- Sales - Measure upselling success ratio, quotation conversion, and other sales performance metrics
- Marketing - Measure bounce rate, click-through rate, and other marketing performance metrics
- Human Resources - Measure staff advocacy scores, diversity index, and other operational metrics
- IT - Measure cost variance, schedule variance, and project tracking

Key Features:

- An optional target value for all columns
- Current and forecasted data (forecasted data made translucent to differentiate it from actual values)

032 Rotating Chart



Showcase multiple key performance indicators with a rotating bar chart | PBI certified

Business reports often require many KPIs in a single report, especially when showcasing historical data. Rotating Chart by MAQ Software is a horizontal bar chart that rotates on its horizontal axis to showcase multiple KPIs. Each flip offers a new value, enabling you to show multiple KPIs in a limited space.

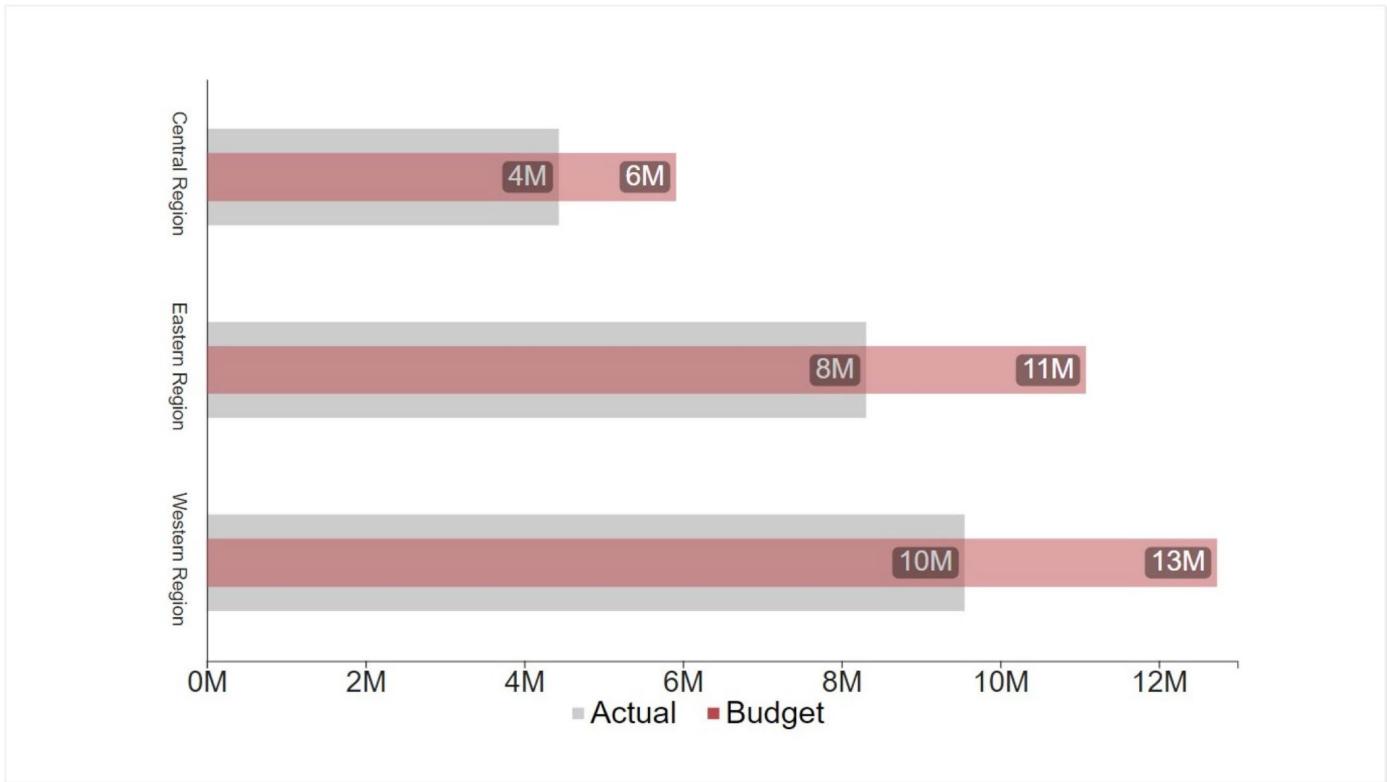
Business Uses:

- Sales - Analyze units sold over several financial quarters
- Sales Strategy - Compare sales data across financial quarters and departments
- Management - Analyze the performance of multiple departments over time

Key Features:

- Customizable rotation axis (horizontal or vertical)
- Configurable flip delay time
- 3D effect option
- Standard formatting options such as font type, size, and color for the label and title, background, and tile borders

033 Overlapping Bar Chart



Horizontal bar chart allowing overlapping of bars and extensive customization.

This horizontal bar chart is great for comparing two categories of data in a compact format by overlapping the bars. A common use for this visual is comparing a series of actual data to target/goal data, such as actual financial results to budgeted financial results. Its clean simplicity lends itself to a wide range of uses across disciplines.

It is fully customizable including:

1. Bar width
2. Bar transparency
3. Axis
4. Labels and more

034 Comicgen



Comicgen adds comic characters whose emotion, pose, angle, etc can be controlled by data.

The Comicgen Power BI lets you control the characters, emotions, poses, etc from data.

Happy people can accompany good news on charts.

Users can show two or less KPI's at a time, Each can be visualized as emotion (e.g., happy or sad) and pose (e.g., Thumbs Up or Angry).

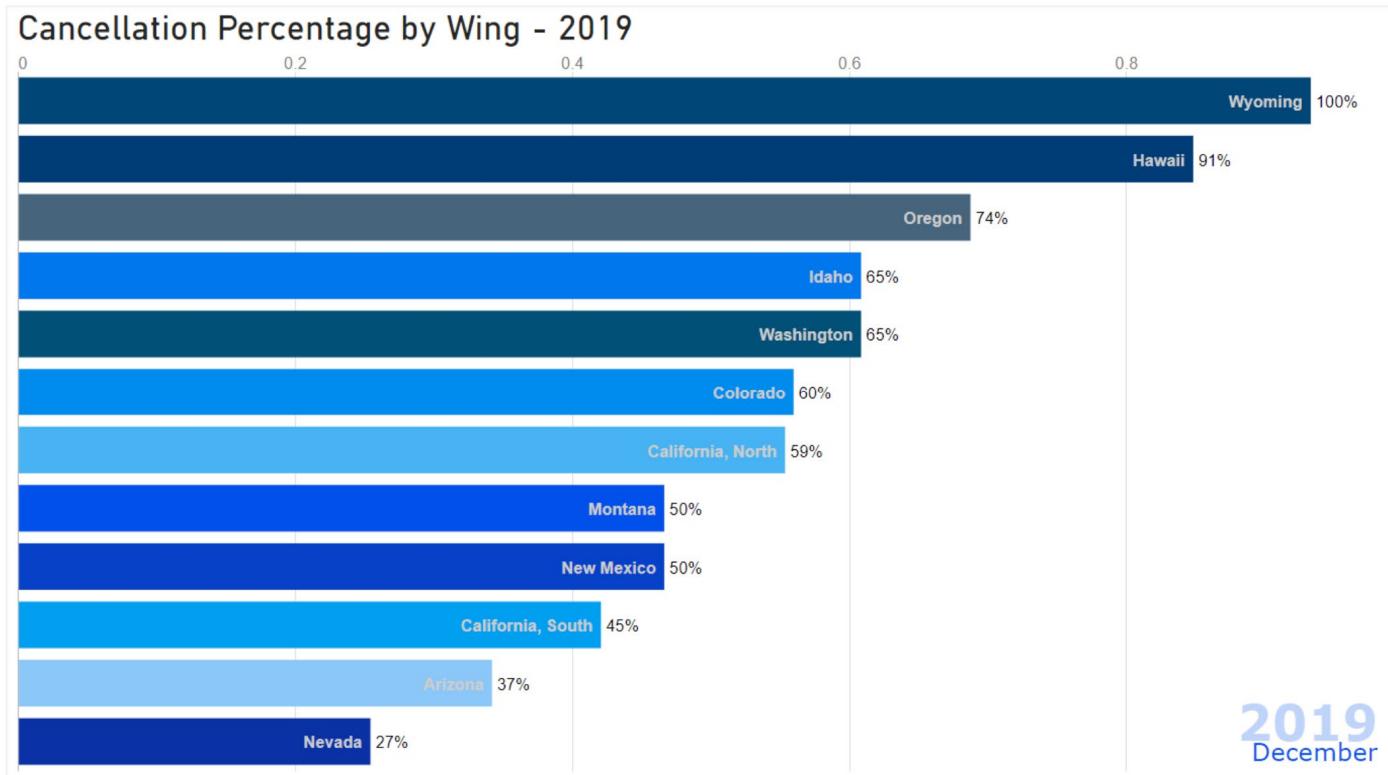
You can choose to keep the visual emotion or pose or both static to your choice by selecting appropriate emotion and pose from the Visual settings.

Users can choose different Comics, Currently, it supports Dee & Dey.

This component can be used as data-driven or static visualization.

This is an open-source visual.

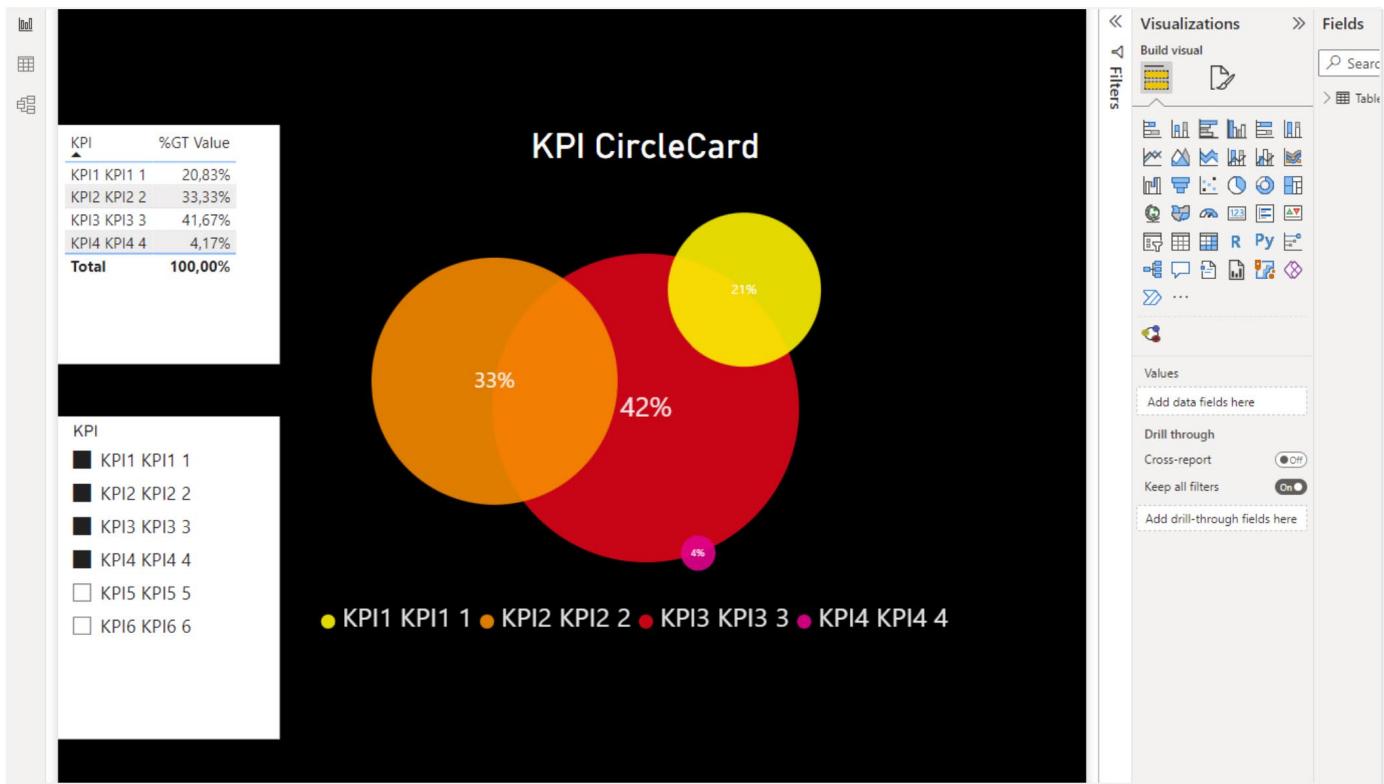
035 Bar Race



Bring your data to life with an implementation of the animated Bar Race chart for Power BI

This is an implementation of the Bar Race animated visualization for Power BI. Designed for arena or public space displays or interactive presentation. This visualization brings time series or other data that represents a progression to life in an attention-grabbing manner. Help make your point boldly with an Bar Race.

036 KPI CircleCard

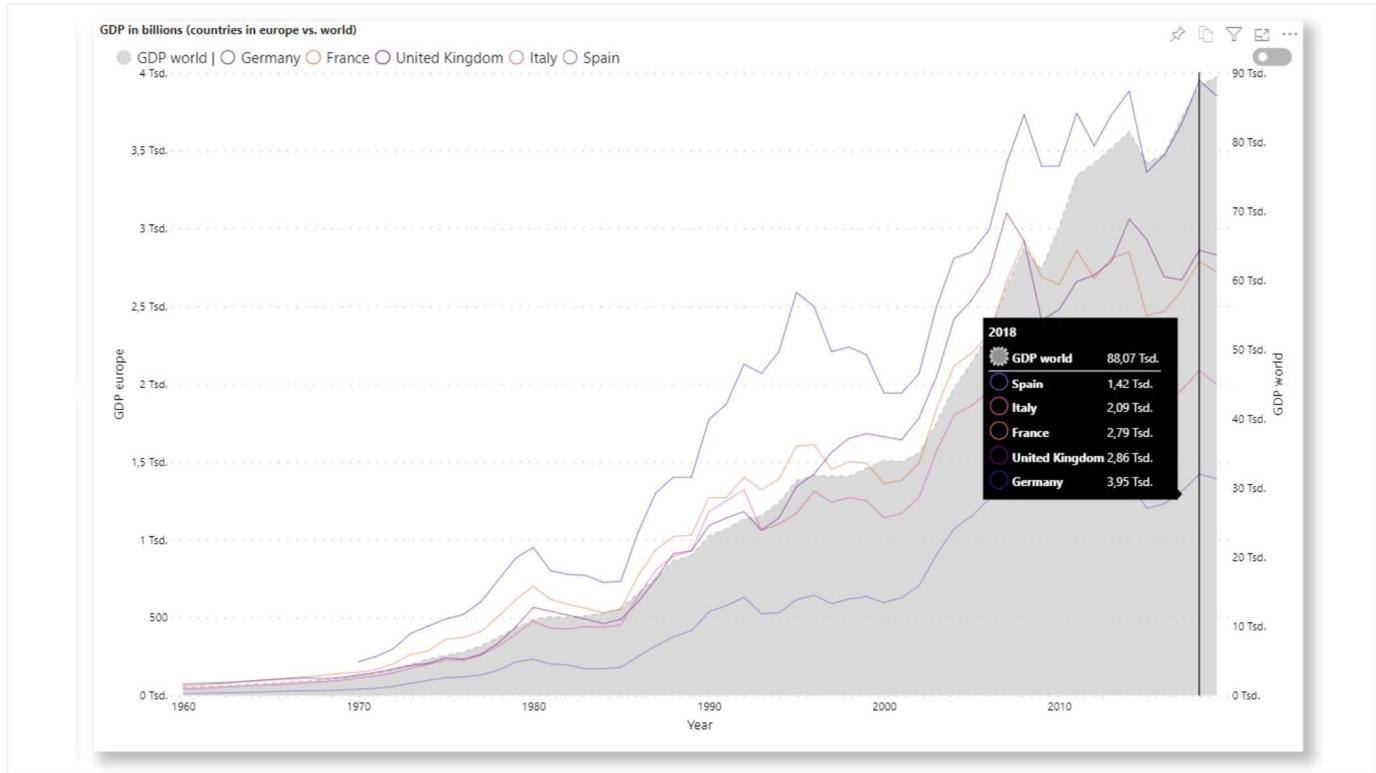


Display your KPI's using Circles

The KPI CircleCard visual allows you to display KPI values in a comparative, yet compressed manner since circles overlap. This visual might also be considered more "joyful", giving your dashboard a fresh look. The dashboard has many settings to adjust the presentation to your needs:

- You can change;
- the font;
- size (of the legend)
- color
- the layout;
- the margin between the circles and the border
- the position of the circle (Angle Offset)
- the circle scaling;
- set the minimum radius of a circle
- set the radius level to which minimal values will converge the circle properties;
- the color - the angle.

037 Comparison Chart



Compare connected information with a reference e.g. individual stocks vs market index

The Comparison Chart is an advanced line chart that allows you to visualize a comparison of connected information:

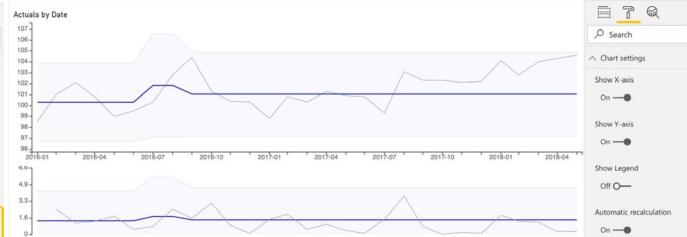
- sales of my products vs. market
- team performance vs. company performance
- top shares vs. an index

The Comparison Chart allows you to easily and clearly present a comparison between multiple connected data series (like the sales of your different products) with a benchmark like externally acquired market data. Just choose the x-axis from your calendar table, the products to the legend, the measure from your sales table to the *values* and the measure of your market data to the *compare values* fields. Choose your own custom colors and styles for the lines, the compare data can also be shown as an area. The legend can be shown in different places. Find the perfect style for your report. You can use the switch next to the legend to toggle the aggregation of all shown category values to a single line. If you would want to compare data in a standard line chart for more than one data series (e.g. your different products) you either need to create measures for each of your products and add them to the *values* of the line chart or use the product as *legend* in the line chart and filter only the products you want to see. To compare the individual with benchmark data you are not able to use the legend for your measures. With the Comparison Chart you can have both: A dynamic number of measures (e.g. top 5 products) AND an index for comparison purposes.

038 Control Chart



You can have the Control Chart visual re-calculate the Central Line automatically based on a standard set of rules.



And optionally include the Moving Range (mR) chart.



The most useful way to see true signals of change in your KPI is to use a Control Chart (XmR chart)

The Control Chart chart is actually two charts. The X is the data point being measured and mR the Moving Range which is the difference between consecutive data point measurements.

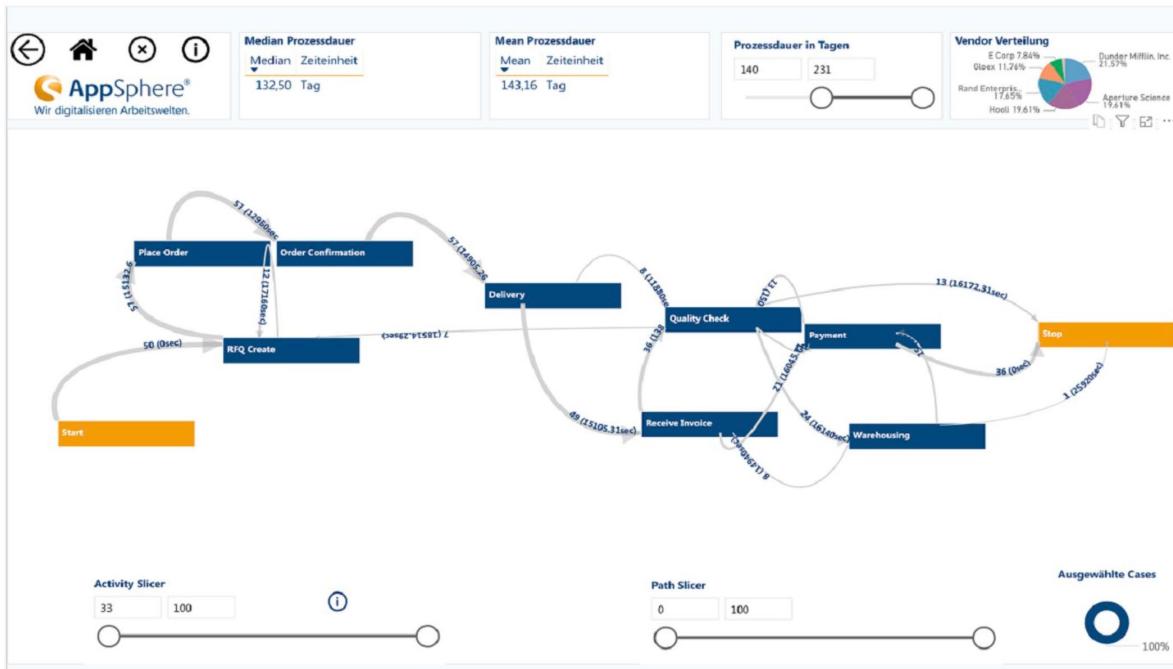
The upper chart (X-Chart) displays the data-points over time (Actuals) together with a calculated average (Average - center-line (CL)). The calculated average is then used to calculate the Upper and Lower Control Limits. The lower chart displays the Moving Range (mR-Chart) with its Average and Upper Control Limit. There is no lower control limit as the difference between consecutive actual-values is recorded as an Absolute Value (positive number).

In this custom visual you can hide the lower chart (mR-Chart).

The calculation of the charts can set to Automatic in this visual. The rules being used for the automatic recalculation are:

- 7 points in a row are above or below the center-line
- 10 out of 12 points are above or below the center-line
- 3 out of 4 points are closer to the UCL or LCL than the center-line

039 Process Mining with Power BI



Companies steadily pursue to find new ways how to enhance productivity and to unleash unused potential. This fact matches with the goal of process mining which is to extract and visualize relevant information on processes to identify optimization potential. Process mining benefits from increased popularity since large process datasets are available and stored nowadays. Microsoft Power BI is a great fit for these analysis since it is easy to use, intuitive, and can handle statistical analysis of large datasets.

The Process Mining Tool developed by AppSphere with Microsoft Power BI helps companies to identify optimization potential of processes and thus increase productivity and customer as well as employee satisfaction based on smart data analytics.

Value add for customer after the implementation of Process Mining Using Power BI:

- Identification of friction points and bottlenecks
- High degree of transparency on process KPIs
- Release of unused potential
- Deep and improved process analysis to leverage wasted resources
- Increment of your customer and employee satisfaction
- Identification of Quick Wins, that will leverage value add in a very short timeframe
- Improvement of operational excellence
- Insights at any time, place and device
- Ongoing monitoring to track impacts of actions

Important note:

The version offered here is freeware that is limited to a certain number of data records. If there is a need to include further data records in the analysis, please contact us for customized activation depending on your requirements.

040 DualCard

DualCard

Custom visual for Power BI to compare two measures.

Orientation

REVENUE	\$5M	\$9M
PY		CY

REVENUE	\$9M	\$5M
CY		PY

Fill/Background

Fill Control

\$5M	\$9M	\$5M	\$9M
PY	CY	PY	CY

Fill position & size

41%	\$9M
GP	REV

REVENUE	\$5M	\$9M	
PY	■	CY	■

Conditional Formatting

41%	\$9M
GP	REV

Label Formatting

Conditional Formatting

40%	\$5M
GP	REV

Alignment & position

41%	\$9M
GP	REV

Display Blank Measure As...

0%	0
GP	REV

Large Font

41% \$9M

Category Formatting

Conditional Formatting

GP	REV
41%	\$9M

Alignment & position

41%	\$9M
GP	REV

REVENUE	\$5M	\$9M	
PY	■	CY	■

Large Font

GP REV
41% \$9M

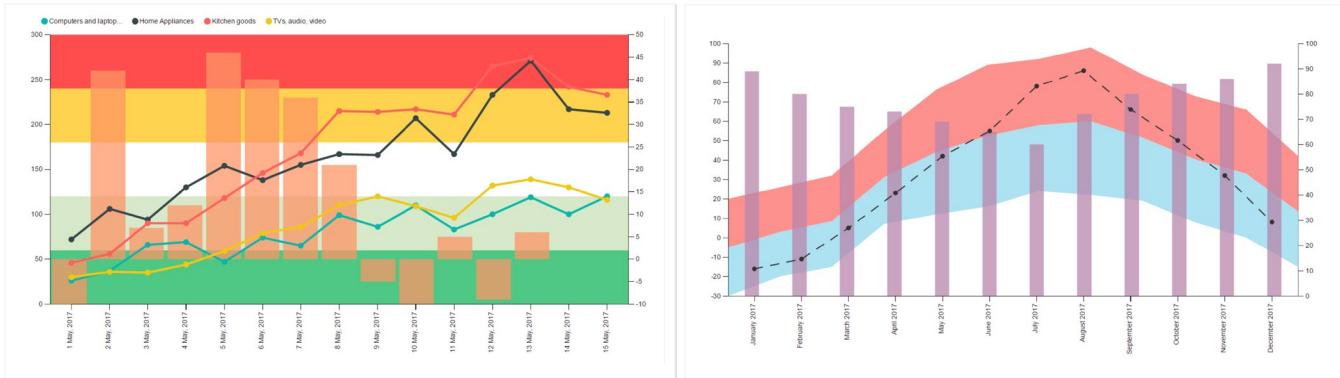
Dual Card is a custom visual to compare two measures.

Visual provides advanced formatting options to compare two measures. Visual requires two measures. First measure is referred as data and second as comparison measure.

Key features:

- * Compare two measures
- * Formatting options for data and comparison measure
- * Display blank measure as static value
- * Support for large font
- * Conditional formatting : Fill/background, labels, categories
- * Card orientation & Fill options

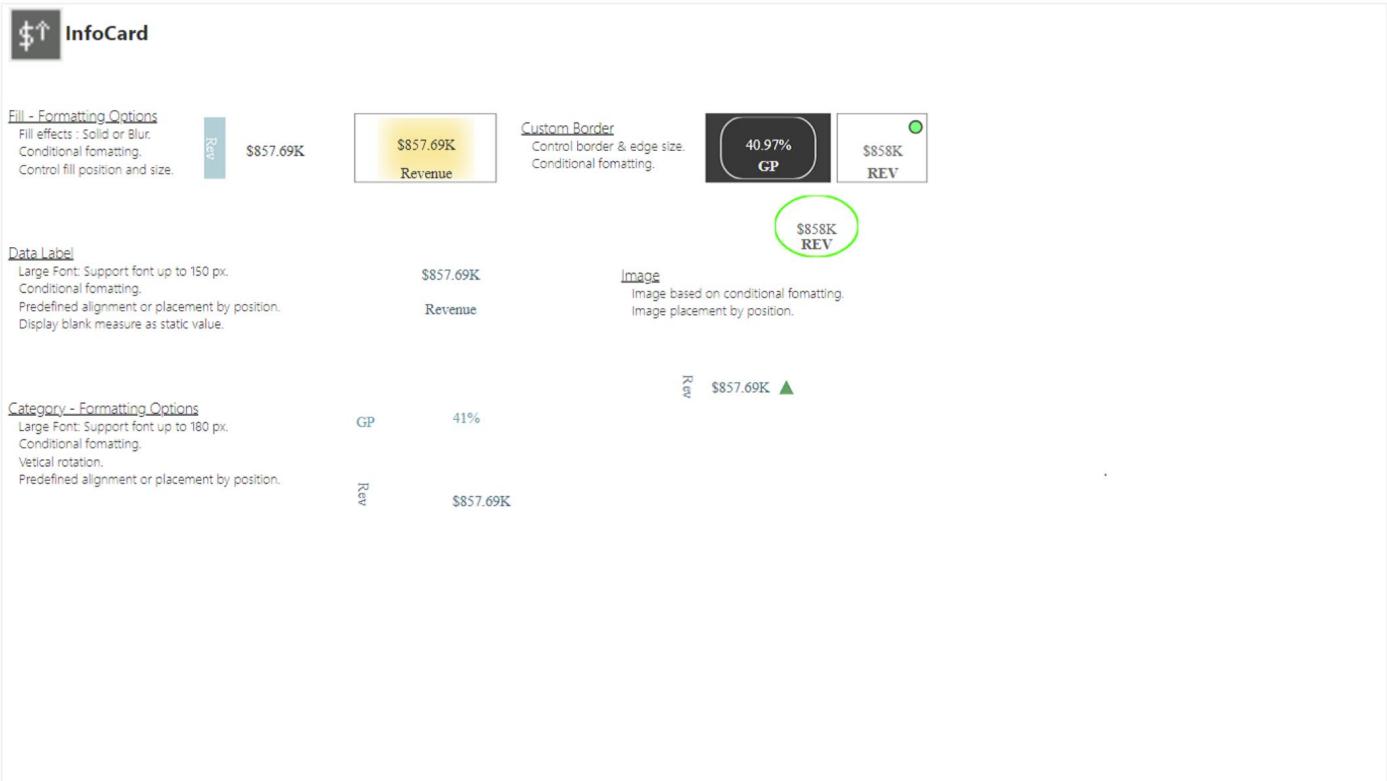
041 KPI Chart



Show your KPI lines with dynamic ranges to assess your progress

KPI Chart by Akvelon is a single visualization for illustrating and efficiently analyzing the correlation between two measures and it combines a line chart and a column chart with the same X-axis. Column and line charts show representation of the distribution of numerical data. Additionally, KPI Chart by Akvelon allows showing static and dynamic background KPI regions that can characterize, for example, the level of success before reaching the target. This chart is simplified version of Line and Clustered column chart with the ability to create multiple lines and add horizontal regions to assess progress. The visual has a wide variety of formatting options. Additionally to standard features of fully customizable text, color, sizes for each visual's item, KPI Chart by Akvelon also allows to customize the minimum and maximum value for both vertical axes and configure the format of numerical values for them. The format panel also includes fields for adjusting the border and color of the horizontal regions.

042 InfoCard



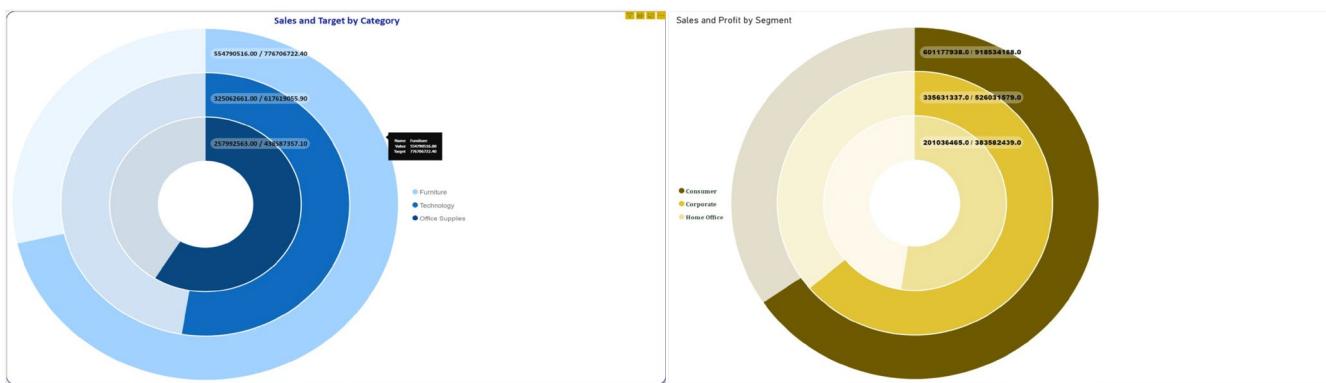
InfoCard is a Power BI custom visual card with advanced formatting options.

Visual is card with KPI and advanced formatting options for fill/background, border, large font, conditional formatting, image etc.

Features:

- Use as card or KPI.
- Options to enlarge/reduce fonts.
- Display blank measure as static text.
- Custom Border with conditional formatting.
- Conditional formatting of Fill/Background, Data Label, Category Label, image.
- Dynamic conditional formatting using measure values.
- Vertically rotate category label.
- Image - Display & Position.
- Supports tooltip with formatting options.

043 Chart Flare



Ring Chart Custom Visual for Power BI.

Ring Chart Custom Visual for Power BI, a captivating circular data visualization tool designed to enhance your reports designed to help track your KPI's.

Explore our Ring Chart Custom Visual, a captivating circular data visualization tool designed to enhance your reports.

This visually engaging chart provides an intuitive way to present and analyze key metrics effortlessly.

With customizable colors and dynamic data visualization, the Ring Chart adds a modern touch to your reports, ensuring an enriched experience for users.

Elevate your data storytelling with this innovative visual that seamlessly integrates into your Power BI reports, offering a unique perspective on your information

044 ParaTaskCard

The screenshot shows a Power BI Desktop interface with the following details:

- File Bar:** File, Home, Insert, Modeling, View, Help, External Tools.
- Home Tab:** Get data, New visual, More visuals, New measure, Publish.
- Visuals Panel:** Visualizations, Fields, Filters.
- Content Area:**
 - A **Table** visual titled "ParaTaskCard Demo" showing stock levels for various products like Acme Thunderer, Air Raid, Alarm Bell, etc.
 - An **Adaptive Card** titled "Start Date (required)" with fields for Start Date (dd/mm/yyyy), Due Date (dd/mm/yyyy), Assign (Select Assign dropdown), Task (School Bell text input), and TaskDetail (Current Stock: 2 text input). A "Submit" button is at the bottom.
- Bottom Navigation:** Demo (selected), Notes, +.
- Page Footer:** Page 1 of 2.

The ParaTaskCard Visual is designed to submit action items for task management.

The ParaTaskCard Visual for Power BI is designed to help you automate and orchestrate your work processes in order to enable Active Business Intelligence.

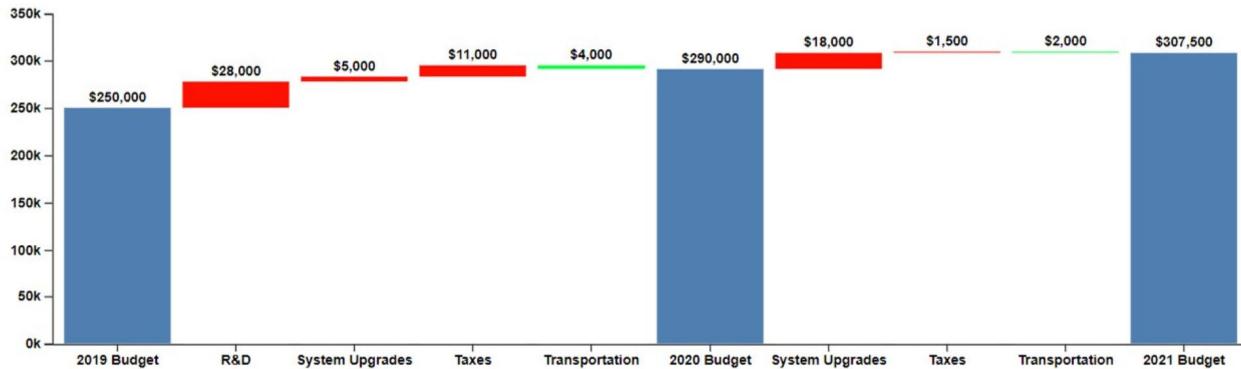
It can be readily included in your existing business process to simplify and accelerate your workflow.

The Card uses established Adaptive Cards technology that enables you to tailor task submission to your requirements.

045 Flying Brick Visual

Period	Category	Description	Value
2019	Pedestal	2019 Budget	\$250,000
2019	R&D	developing new features on existing product	\$8,000
2019	R&D	started working on new product	\$20,000
2019	System Upgrades	budget increase for server upgrade	\$5,000
2019	Taxes	property tax increase	\$11,000
2019	Transportation	new shipping contract (saved money - budget decrease)	(\$4,000)
2020	Pedestal	2020 Budget	\$290,000
2020	System Upgrades	migration to cloud servers	\$6,000
2020	System Upgrades	tablet pc's for field technicians	\$12,000
2020	Taxes	anticipated property tax increase	\$1,500
2020	Transportation	additional decrease in shipping rates per 2019 contract	(\$2,000)
2021	Pedestal	2021 Budget	\$307,500

**Flying Brick Visual
for Power BI**



Use this visual to create a Flying Brick chart (also known as Floating Brick or Waterfall chart).

The Flying Brick Visual allows you to create Flying Brick charts (also known as a Floating Brick chart or Waterfall chart) in Power BI without manually massaging the data as is customarily done in Excel.

Typically, when creating a Flying Brick in Excel you must create a special hidden series in order to get the column chart to look like a Flying Brick chart.

Those extra steps are done for you in the background with the Flying Brick Visual.

046 KPIimg



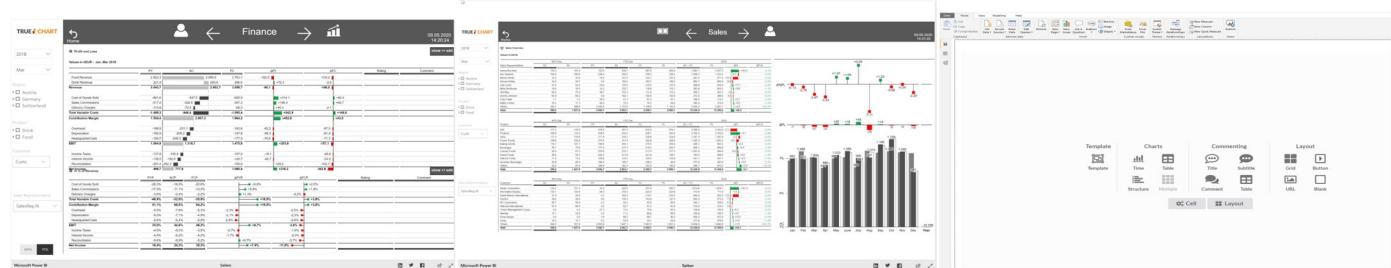
KPI with configurable background images

This visual shows a KPI as a percentage from a value over a target.

You can add an attribute as trend axis (showed as area chart under the percentage).

Also, you can configure two images and the percent value that makes you see one image (the image OK) if you are over that percent or the other image (KO image) if you are under the percentage.

047 True Chart



TRUECHART enables collaborative and standardized decision-making across your entire organization

TRUECHART is the leading data collaboration solution for any enterprise organization.

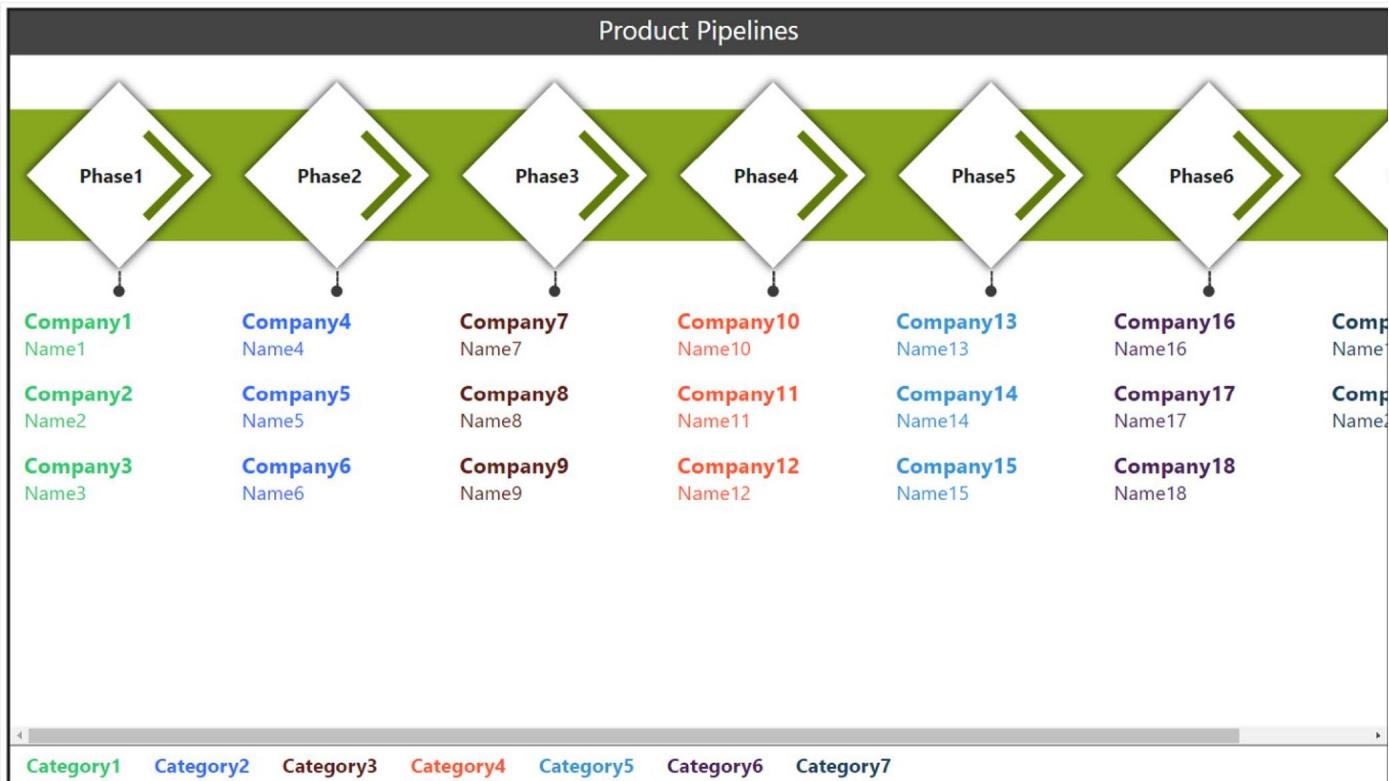
Get a powerful, scalable system that integrates and extends the functionality of your preferred Business Intelligence and Analytics platforms.

This API-driven integration transforms these solutions into fully collaborative BI tools.

Create and display data using the International Business Communication Standards (IBCS®) within PowerBI.

Resulting in uniform data visualizations that offer dynamic, meaningful reports giving your business a valuable strategic advantage over your competition.

048 TheraTraQ Pipeline Diamond



Display various phases of a process and related data in a horizontal view.

TheraTraQ Pipeline Diamond is a type of visualization which is used to render various phases of a process and related data in a horizontal view. The horizontal view is rendered with all phases as a header in a diamond like icon. Under each phase, all related item's title and name are rendered. Visualization also has the ability to categories data using random color based on an attribute named Category. For each category the report assigns a random color and Title and Name are colored based on the category color. TheraTraQ Pipeline Diamond Visual is useful in many applications, including sales pipeline analysis, order fulfillment, or any business process analysis that involves multiple stages. The customization options are Title, Layout, Image URL, Categories and Phases.

Title: The value given in this option will be rendered as a title to the chart.

Layout: TheraTraQ Timeline Circle has a capability of adding an optional image to the top or bottom of the visualization. It takes two values header or footer. If the value is header the image will be added at the top of the chart and for the footer it will ba added at the bottom of the chart. If no value is provided, the chart will take the entire space for rendering.

Image URL: This option specifies the URL of the image given in the Layout option. This image URL needs to be accessible by the users.

Categories: This option is used to specify the categories that are not available in the data but a valid category.

Phases: This option is used to specify all phases that are part of the report. Limitation: The visulaization will show a maximum of 250 items in the UI.

049 MarketMonitor

The screenshot displays four cards illustrating various features of the Interactive Traffic Light Graph:

- Color your categories as you wish.**: Shows a table with four columns and ten rows. The first column is labeled "Person" and contains letters A through I. The other three columns are labeled "How much would you like a lamb hamburger?", "How much do you like soft drinks?", and "How much do you like beer?". Each cell contains a numerical value from 1 to 4. A sidebar on the left shows settings for "Category Formatting" and "Enable Color for Category 1" through "Category 4".
- Activate colored traffic light functionality.**: Shows a table with four columns and ten rows. The first column is labeled "Person" and contains letters A through I. The other three columns are labeled "Suma de How much would you like a lamb hamburger?", "Suma de How much do you like soft drinks?", and "Suma de How much do you like beer?". Each cell contains a colored circle representing the sum of the values in the row. A sidebar on the left shows settings for "Table Formatting", "Circle Conditions", and "Circle Color".
- Circle Conditions**: Shows a table with four columns and ten rows. The first column is labeled "Person" and contains letters A through I. The other three columns are labeled "Do you like beer?", "Do you like soft drinks?", and "Do you like beer?". Each cell contains a colored circle. A sidebar on the left shows settings for "Circle Conditions", "Circle Color", and "Circle Size".
- Enable quick scan functionality and configure in Threshold Settings.**: Shows a table with four columns and ten rows. The first column is labeled "Person" and contains letters A through I. The other three columns are labeled "Do you like beer?", "Do you like soft drinks?", and "Do you like beer?". Each cell contains a colored circle. A sidebar on the right shows settings for "Threshold Settings" and "Fast Analysis".

Visualize multidimensional data with an interactive and customizable traffic light graph for deeper

The Interactive Traffic Light Graph is a powerful visualization tool designed for Power BI that allows users to represent and analyze multidimensional data intuitively and efficiently.

050 Multi KPI Decomposition Tree



A custom decomposition tree, capable of presenting multiple values on each node

The Multi KPI Decomposition Tree provides you the ability to visualize hierarchical data with multiple KPIs.

The visual currently needs the data in tabular form with the hierarchy flattened out.

All the levels (depth) of the visual needs to be flattened out into separate columns and so do the associated KPIs. The sample pbix on the Microsoft AppSource contains the format of the data to use with the visual.

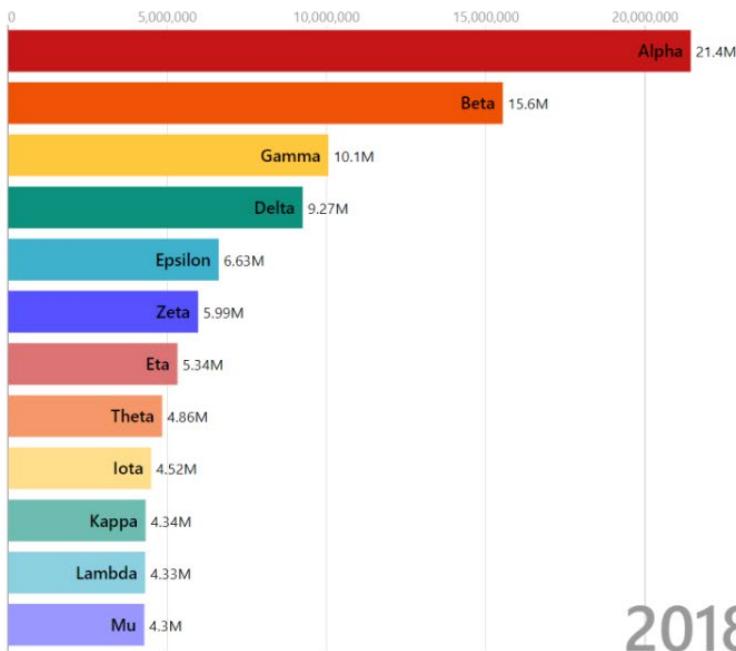
All features are free, with CBT watermark on the visual.

There is no current pricing plan.

Features - Stacked Bar Chart option within nodes

- Up to 5 KPIs within nodes
- Multiple Formatting Options for the visual
- Cross Filtering
- Zooming and Panning Upcoming updates
- Search functionality
- Images on nodes
- Simple view on zooming out

051 Animated Bar Chart Race



2018

Animated
Bar Chart Race
by Wishyoulization

Create fascinating animated trend charts, with bars that race to the top based on ranks.

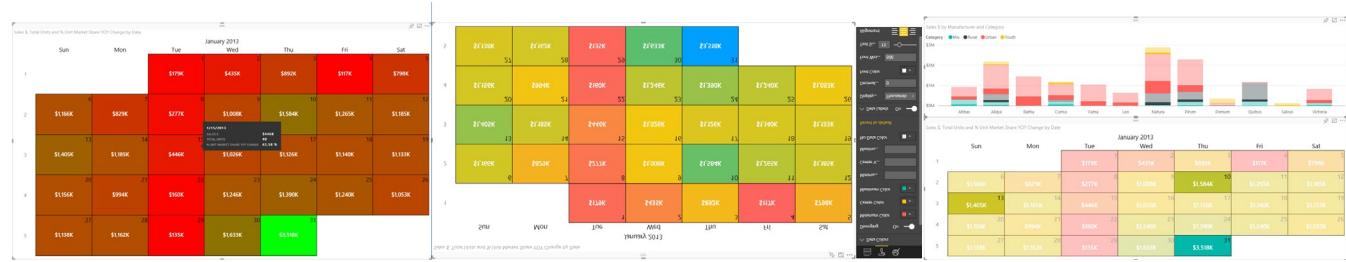
The animated bar chart race helps you visualize the change in trends over time, these types of charts are very popular on social media as they provide a holistic data story/insight in a concise and easy to understand chart.

This visual has two modes, a standalone mode with autoplay for animation or use as a ranked bar chart visual that can be integrated on reports with other filters to loop through the selections.

The chart also supports configurations for color, showing and hiding different graphical markings and labels, and animation related controls.

For examples and tips on usage please check the sample report.

052 Beyondsoft Calendar



Visualize your monthly data and assign custom colors with this dynamic, data-driven calendar visual.

The Beyondsoft Calendar visual is a calendar view that provides a single-month calendar layout that allows you to better visualize your data for each day of the selected month.

It supports one date field, one measure field, and any number of tooltip fields.

It offers many customization features ranging from basic formatting options like font size, color, etc, to more advanced features such as divergent data color scales, data labels, tooltips, and selection interaction.

053 GANTT by Lingaro



Track all your projects with full visibility of every phase and milestone!

Overview

GANTT by Lingaro: A New Level of Project Visualization

GANTT by Lingaro transforms traditional Gantt charts into a powerful tool that simplifies tracking of multiple projects.

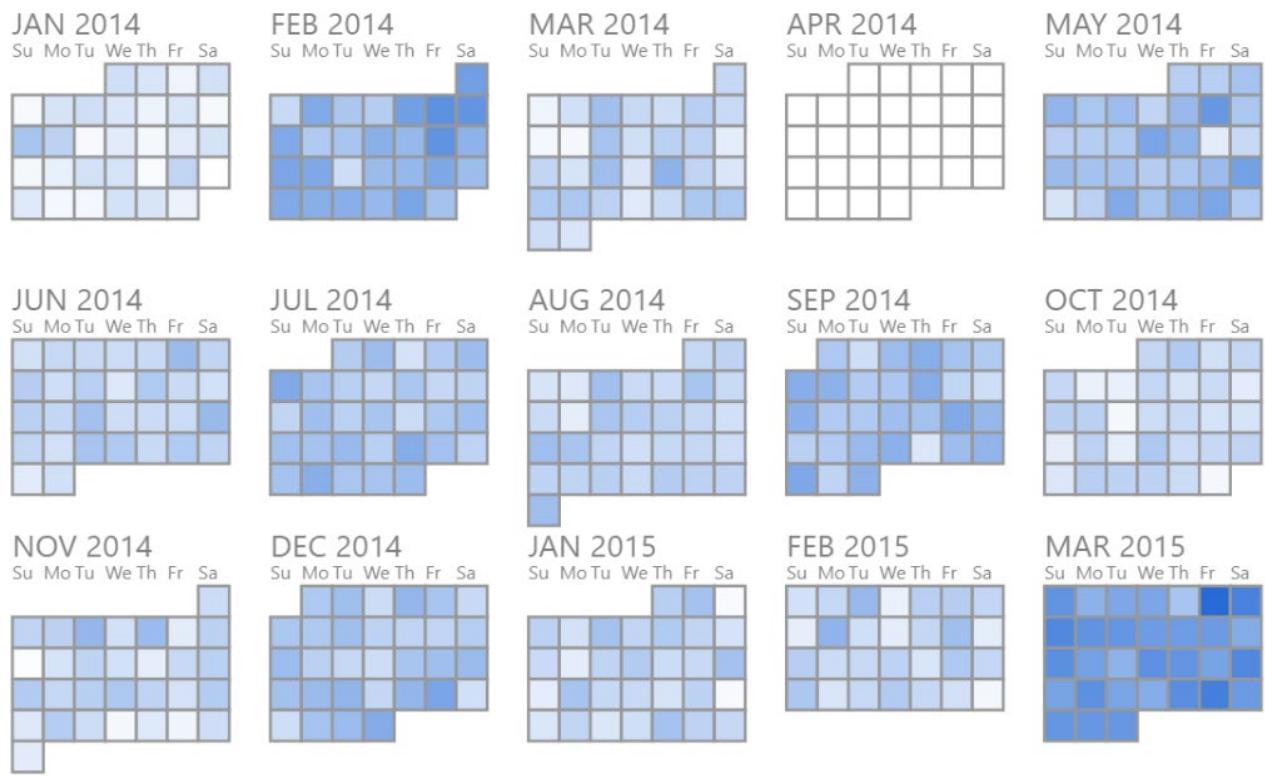
It provides a comprehensive, single-row view of all project tasks with their respective dates, making project management more efficient.

Traditional Gantt charts limit you to tracking projects by their names, start dates, and end dates.

GANTT by Lingaro goes beyond basic tracking by offering a wide-angle view of large portfolios of complex projects, which is a common feature in enterprise environments.

054 Calendar by Tallan

Calendar by Tallan



A standard calendar layout that filters and aggregates data across a range of dates.

Tallan's Calendar Visual offers an exciting way to display and filter date related data.

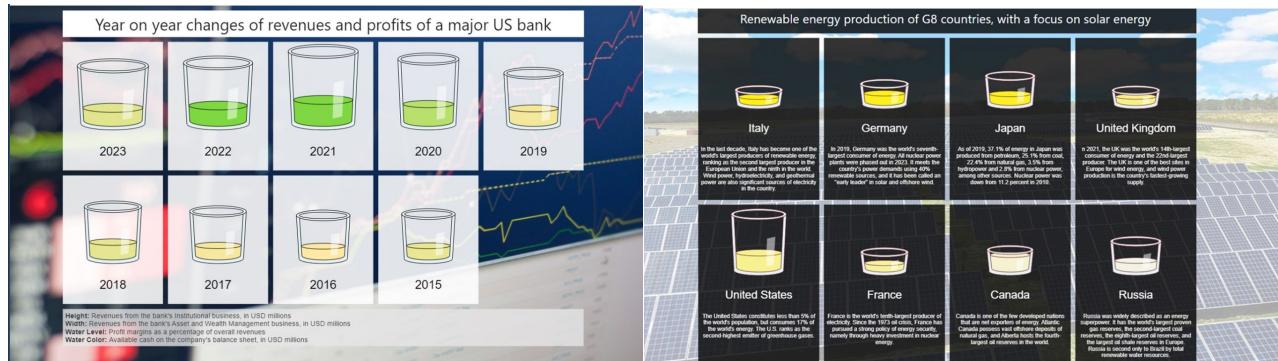
View the aggregation of data across a range of dates in a standard calendar layout.

The visualization offers separate views for year and month, allowing users to zoom in on date ranges while presenting them clearly and effectively.

Features include:

- A Standard Calendar Layout
- Year and Month Views
- Standard Visual Formatting Options
- Control and Shift Key Board Commands selecting date ranges on standard calendar view
- Drill down (preview)

055 Water Cup



Niche visual for infographics comparing items across up to 4 dimensions.

The Water Cup visual is a niche infographic element to visualize up to 4 dimensions per item for easier comparison.

It's best used for use cases where the 4 dimensions are interconnected:

- The cup's height and width should indicate the limits of certain data, e.g. revenues of a company from different sources
- The water level within a cup should be a factor of the limits, e.g. profits as a percentage of the revenues
- The color of the water (optional) can indicate qualities of this data, e.g. the company's financial health, etc.

When applied to the right dataset, this type of visualization can be much more intuitive than bar or column charts, or even a scatter chart.

056 Text Filter

The screenshot shows a dashboard interface. On the left, there is a table with columns: Gender, Name, Year, and Rank. A search bar at the top left contains the text "will". To the right of the table, a section titled "Using the Text Filter" explains its function: "Text Filter is a search box that can be placed anywhere in your dashboard. It adds a text filtering capability for quick searching across your data." Below this, another section titled "Fields" states: "Text Filter requires a categorical field to perform a search on." A note below says: "Add your search term to the input field and click a search icon or hit Enter. An eraser button clears the current search input and filtering." To the right of these descriptions is a bar chart titled "Count by Name". The Y-axis ranges from 0.0M to 4.5M. The X-axis lists names: Will, Willard, William, Willie, Willis, and Willow. The bar for "William" reaches approximately 4.0M, while others are much smaller.

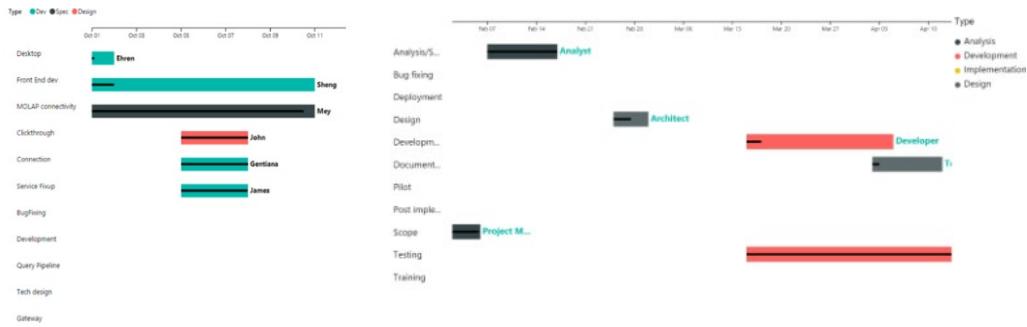
Search across your dataset right from the dashboard

Provides a search box that can be used to filter all other visuals on your dashboard with a text contains search on the field you specify.

This enables you to quickly find specific content being shown on your dashboard by keyword search.

Entering a query term into the search box applies the search and using the eraser widget to the right will clear the current search.

057 Gantt



A type of bar chart which illustrates a project timeline or schedule with resources

Gantt chart is a type of bar chart to illustrate a schedule with time axis.

When you put Gantt chart along with other insightful charts in an interactive canvas, you can manage your project in a whole new way.

In Power BI as visuals interact with each other, you can look at your resource allocation, task completion, remaining tasks in different perspective and get a firm handle on the future.

Gantt charts are an indispensable part of project management portfolio.

Project Managers and executives love Gantt charts, since they visually show in a very effective at-a-glance way, the overall timeline of the project, the current status & progress (or lack thereof) along with the assignment at considerable details.

With this custom visual, you can specify the Tasks, Start Date, Duration and %Completion for rendering them as Gantt.

Please note that the %Completion expects a decimal value (for example 0.85 means 85%) and Start Date, a date field and not a date hierarchy.

You can also control the color of the bar with a Legend.

You can use any relevant field from your project as Legend for example task type for this purpose.

Additionally, you can also specify the resource field, which would be listed next to the bar in the Gantt.

This is an open source visual.

058 Word Cloud



Word breaking is on, no Value field provided

Microsoft
PowerBI

Word breaking is off, no Value field provided

PowerBI
Microsoft
Microsoft PowerBI
SQL

Word breaking is on, Value field is set

Microsoft

Word breaking is off, Value field is set

Microsoft
PowerBI
Microsoft PowerBI

Create a fun visual from frequent text in your data

Word Cloud is a visual representation of word frequency and value. Use it to get instant insight into the most important terms in your data.

With the interactive experience of Word Cloud in Power BI, you no longer have to tediously dig through large volumes of text to find out which terms are prominent or prevalent.

You can simply visualize them as Word Cloud and get the big picture instantly and user Power BI's interactivity to slice and dice further to uncover the themes behind the text content.

This visual also puts you in control on the appearance of the work cloud, be it the size or usage of space and how to treat the data.

You can choose to break the words in the text to look for the frequency word or keep word break off to project a measure as a value of the text.

You can also enable stop words to remove the common terms from the word cloud to avoid the clutter.

By enabling rotation and playing with the angles allowed, you can become very creative with this visual. Optionally you can also use a measure to provide weightage to the text.

If none is provided, it will simply use the frequency.

Check out the formatting pane for more options.

This is an open source visual.

059 Chiclet Slicer



Display image and/or text buttons that act as an in-canvas filter on other visuals

The Chiclet Slicer was inspired by the great slicer control found in Excel since 2010, but with much greater customization options.

Chiclet are a slicers made of buttons, that can also be arranged horizontally for a very efficient real estate use, or arranged as a matrix for a super compact form.

Chiclet slicers also support cross highlighting.

That's not all - they can even contain images!

This is an open source visual.

060 Sankey Chart



Flow diagram where the width of the series is proportional to the quantity of the flow

With Sankey, you can clearly find the sources, destinations and steps in between and how the stuff flows across them all in one quick glance.

You can also interact with it either by clicking the link or the flow itself and leverage the cross highlighting/filtering feature of Power BI to get even more interesting insights in related data.

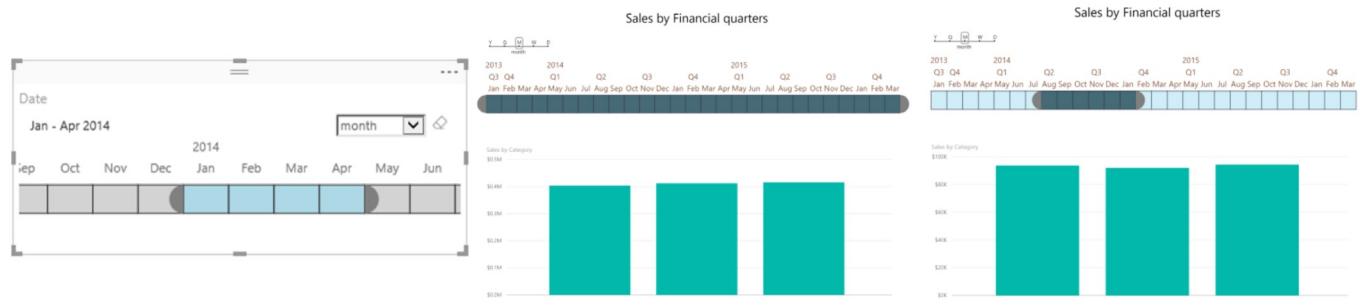
Fittingly they are used widely in the energy industry.

But it finds interesting use cases across all industries.

It enables everyone to visualize information that has a start and an end or dynamic relationship with many intermediaries, for example how the user landed and navigated in a web site, or a material in a manufacturing unit, control or money transfers in business processes in a completely different perspective and bring interesting insights to the forefront.

This is an open source visual.

061 Timeline Slicer



Graphical date range selector to use for filtering dates

The Timeline slicer is a graphical date range selector used as a filtering component in Power BI.

This makes filtering data by date dimension easy and fun.

How often do you have to filter your data for a date range or at a higher level such as month or quarter?

Every single time. Right?

Filtering is a pain when you have to click through large numbers of date values to select the range you want.

Changing the filter granularity from months, the quarters and years on the fly is super tedious.

Well, it used to be super tedious. The Timeline slicer is going to make this experience a breeze.

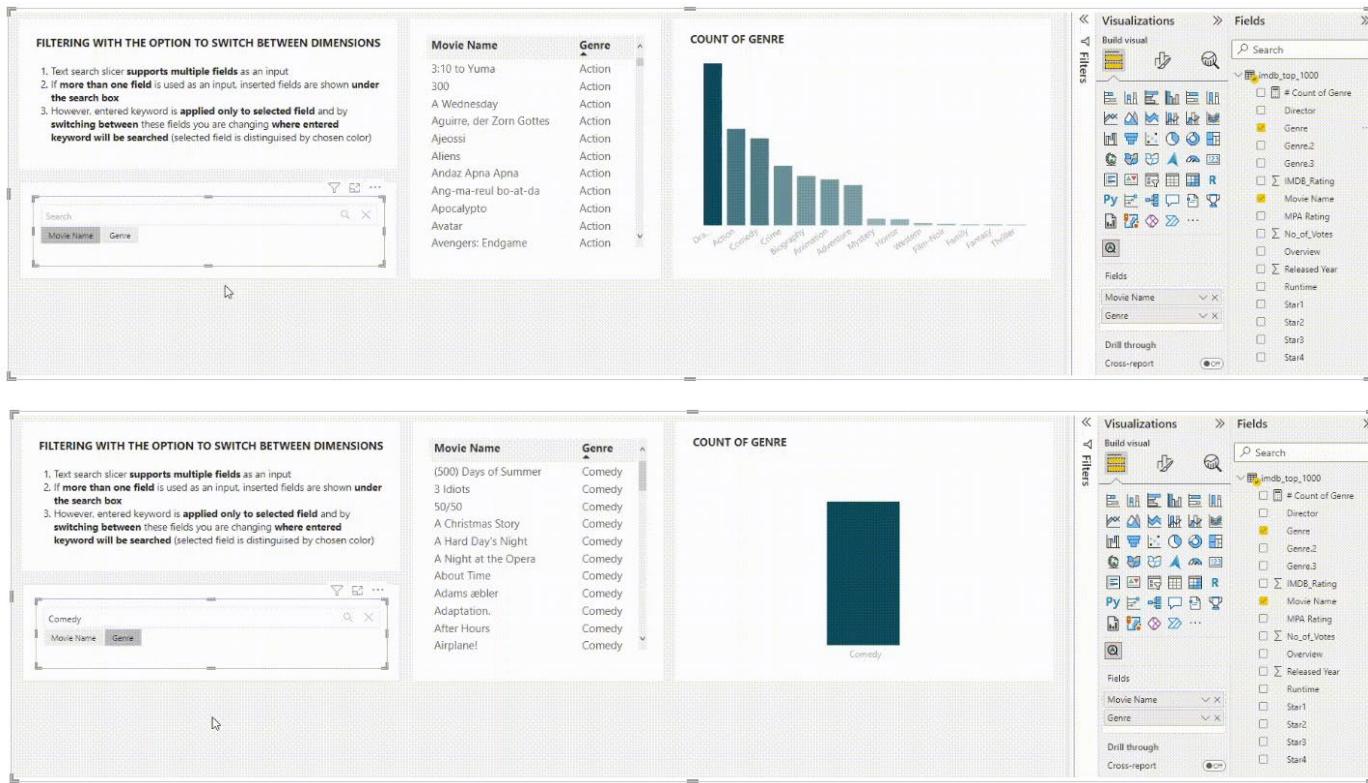
With this simple slider control for dates, all you need to do, is just click and drag to the range that you want.

You can also switch to a Year, Quarter or Month view to select ranges even at a higher level than dates.

You can simply click on the slicer to select a single value or click the edge and drag it to the range that you want.

You can also change the background & selection color and number of other formatting options to control the look-n-feel. SHIFT + Click also works for selecting a range.

062 Text Search Slicer



Customizable slicer that enables searching/filtering within one or more text categories.

Text search slicers were inspired by the need for broader customization options in Power BI report development.

Users can now format font, padding, border, color, and text within the Format Pane.

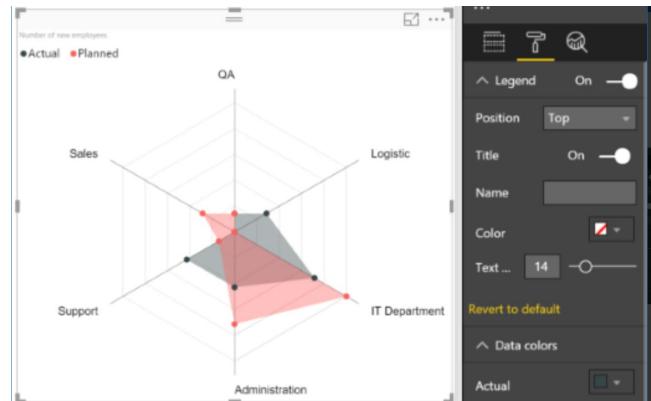
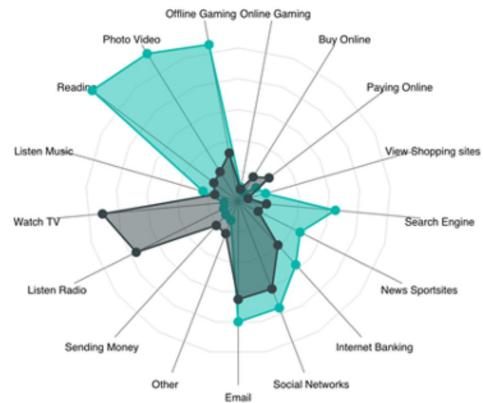
In addition, the slicer supports filtering on multiple category text fields via hitting ENTER or using the in-built search button.

Slicer gets reset if the focus is lost and/or no filter was applied.

When filtering multiple categories, additional buttons are shown.

The filter is then applied based on highlighted buttons.

063 Radar Chart



Multiple measures plotted over a categorical axis. Useful to compare attributes

A radar chart is a graphical method of displaying multivariate data in the form of a two-dimensional chart of three or more quantitative variables represented on axes starting from the same point.

The relative position and angle of the axes is typically uninformative.

Each variable is provided with an axis that starts from the center.

All axes are arranged radially, with equal distances between each other, while maintaining the same scale between all axes.

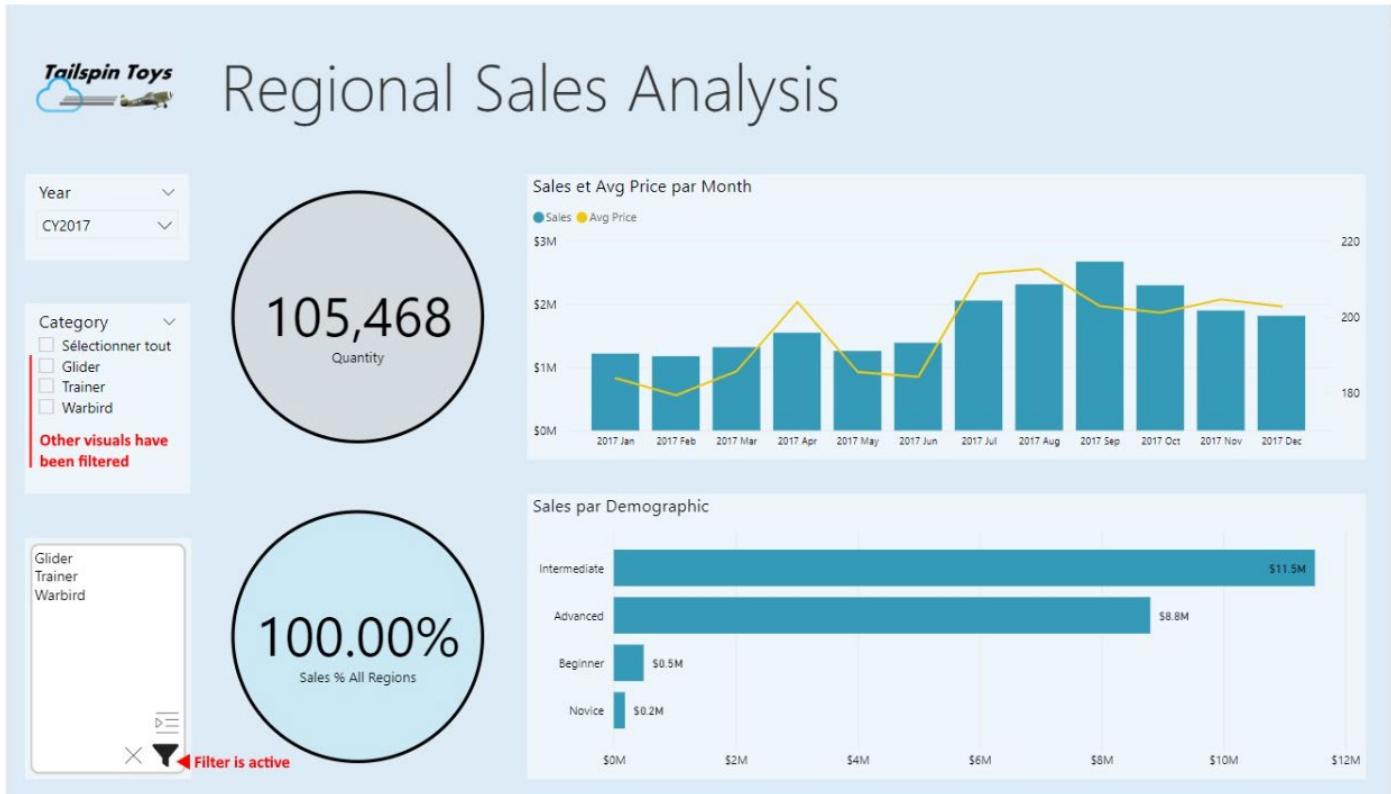
Grid lines that connect from axis-to-axis are often used as a guide.

Each variable value is plotted along with its individual axis and all the variables in a dataset and connected together to form a polygon.

Radar Charts are useful for seeing which variables are scoring high or low within a dataset, making them ideal for displaying performance, such as Skill Analysis of Employee or sport players, product comparison, etc.

This is an open source visual.

064 Mass Filter



Filter your Power BI reports instantly with a list of keywords and a copy/paste.

Use the Mass Filter visual in your Power BI reports to filter other visuals with one of your dimensions and a set of keywords given by the user.

The advantage of the Mass Filter is that your users can copy a list of keywords from any external source (Excel, CSV, plain text file...), and paste it in the input box.

When they click on the filter button, all values are used at once to filter the report instantly.

No intermediate steps needed.

The user can alternate between inclusive or exclusive filter with a click on a button.

065 Infographic Designer



Beautify your reports with easy-to-create infographics

Are you looking to tell a story with your data? Or have you ever wanted your charts and reports to be highly tailored to your specific topic?

The infographic designer custom visual for Power BI gives you the flexibility to achieve this and more! The infographic designer custom visual lets you control the specific appearance of lists, bar charts, and column charts with precise control of shapes, color, and layout so that you can represent information in a way that best tells the story of your data.

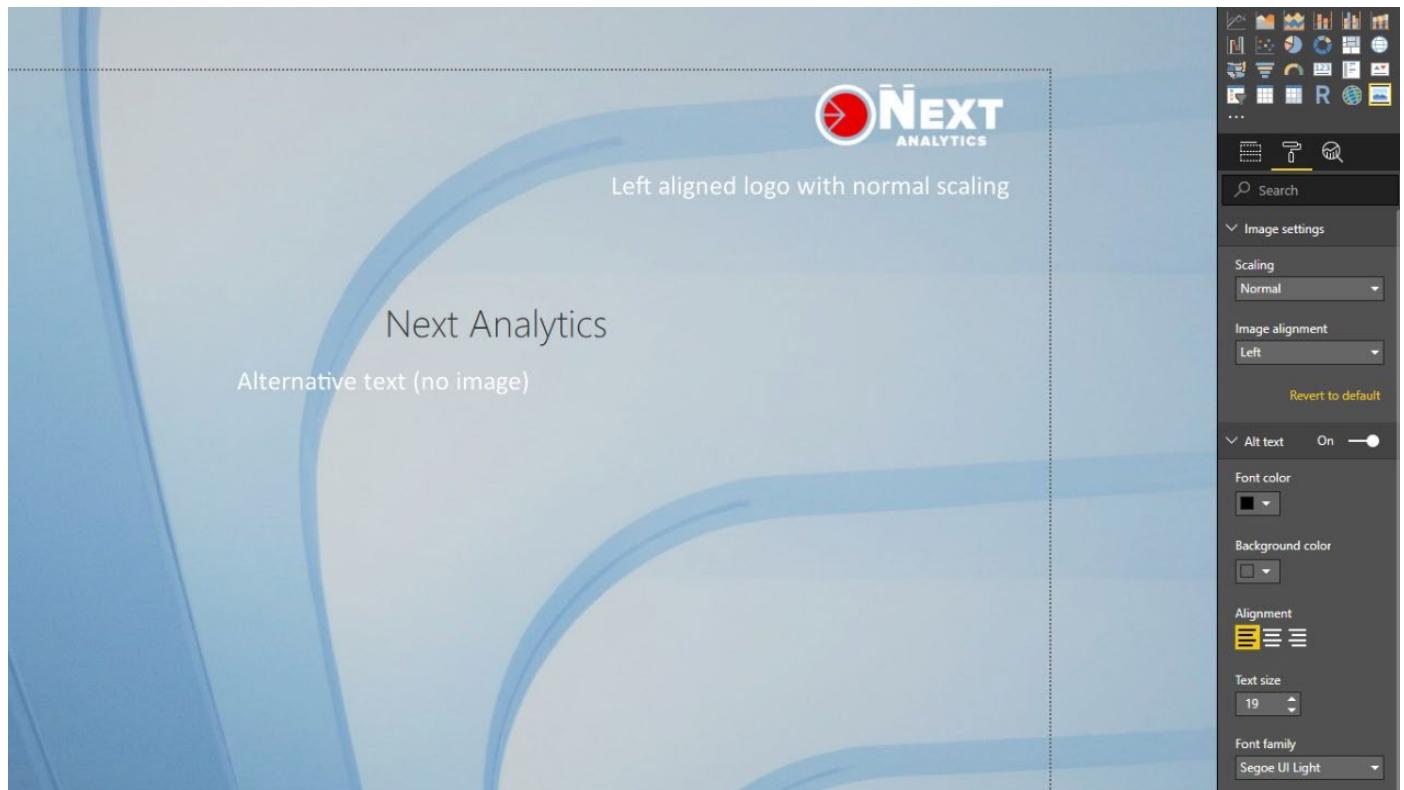
Combined with the ability to include custom shapes and images that can be bound to data, this precise layout control lets you build both simple pictograms and complex highly tailored visuals. The infographic designer custom visual provides a complete set of layout and graphic customization options to turn data into information.

Within the edit experience for the infographic designer visual, you'll find options to change the shape used to represent bars and columns, add additional shape layers or text elements, and the ability to customize color and layout. A comprehensive set of graphics are included by default, but if you don't see what you need, you can also upload your own graphic. Shapes can even be configured for specific values within the chart for more customization options.

You can also choose to display a single image with a color fill as a percentage of the total value or to tile the image to represent amount. Best of all, the ability to add multiple shape layers and text elements that can all be bound to data means you can customize the chart appearance with the little touches that turn basic charts into compelling reports.

We're excited to see what you build with infographic designer and Power BI!

066 066 Simple Image



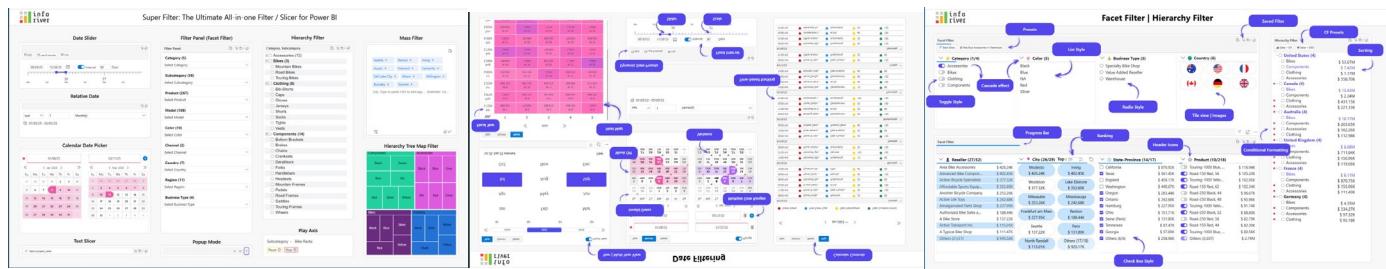
A simple visual to display images based on your data. Supports URL or Base64 encoded images.

A simple visual to display images based on your data. Perfect for drill through pages to display a customer logo or any picture.

The visual comes with the following options:

- Image scaling
- Image alignment
- Fully customizable alternative text does display if the image does not exist or cannot be loaded

067 Inforiver Super Filter



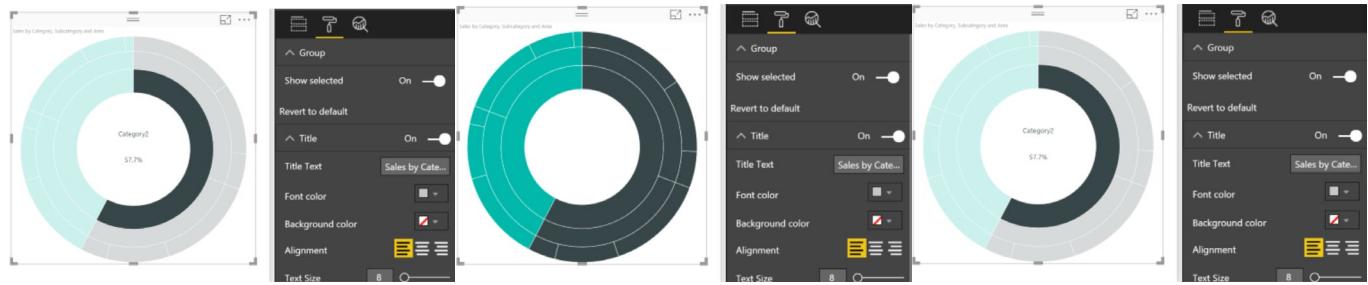
All-in-One Slicer: Calendar Date Picker, Heatmap, Filter Panel, Hierarchy, Search, Mass Filter, more

[Inforiver Super Filter](#) is the ultimate all-in-one FREE Power BI filter/slicer, combining date, categorical, hierarchical, measure filter & much more!

Key Features:

- Date Filter:
 - Date Slider - Filter date-based data with a visual scale for better context, fixed intervals for consistent period selection, customizable labels for clarity & slider types for various filtering needs
 - Calendar Date Picker - Multiple Calendar Views:
 - Year - With single or multi-year selections & quarter level
 - Month - Single date range or multiple. Single date & extend selections to Previous or Next ranges with ease
 - Week - Dates grouped by weeks across months & flexibility for week configurations
 - Day - Track activities, schedules, or trends at an hourly level
 - Dynamic Date Presets - Create customized presets like YTD, Last Month, or Next 2 Years that update dynamically for date range selections
 - Heatmap - Spot trends or patterns over time with color-coded heatmaps for better visual storytelling
 - Support for Fiscal Year
 - Ability to mark Invalid Dates, Days Off, Holidays
- Facet / Group Filter - Combine multiple filters into a single panel with cascade effects to reduce visual clutter
- Hierarchy Filter/Tree View - Expandable tree view for data filtering
- Treemap Filter - Filter directly from the Treemap visual itself for an intuitive dynamic drill-down experience
- Measure Filter - Filtering of categorical data based on measure values within the specified range
- Alphanumeric Filter - Range filtering for mixed text & numeric columns
- Play Axis - View how data changes over multiple values by continuously cycling through different values

068 Sunburst



Multilevel donut chart for effectively visualizing hierarchical data

Sunburst chart is used to visualize hierarchical data, depicted by concentric circles.

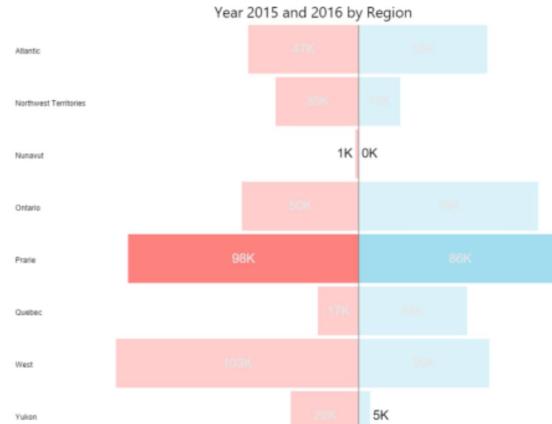
The circle in the center represents the root node, with the hierarchy moving outward from the center.

A segment of the inner circle bears a hierarchical relationship to those segments of the outer circle which lie within the angular sweep of the parent segment.

This is an open source visual.

069 Tornado Chart

Bangkok	0.12M	0.41M
Barcelona	0.16M	0.57M
Beijing	0.25M	1.04M
Berlin	0.22M	0.71M
Cairo	0.02M	0.06M
Cape Town	0.06M	0.22M
Casablanca	0.02M	0.07M
Delhi	0.05M	0.19M
Dubrovnik	0.13M	0.41M
Hong Kong	0.13M	0.41M
Istanbul	0.05M	0.16M



Comparing the relative importance of variables between two groups

Tornado Charts are a special type of Bar chart, where the data categories are listed vertically instead of the standard horizontal presentation, and the categories are ordered so that the largest bar appears at the top of the chart, the second largest appears second from the top, and so on.

They are so named because the final chart visually resembles either one half of or a complete tornado.

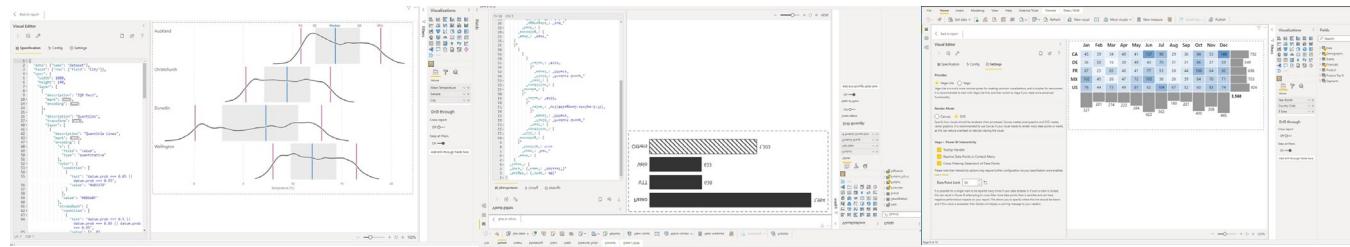
A tornado chart is a common tool used to depict the sensitivity of a result to changes in selected variables.

It shows the effect on the output of varying each input variable at a time, keeping all the other input variables at their initial (nominal) values.

Typically, you choose a “low” and a “high” value for each input.

This is an open source visual.

070 Deneb: Declarative Visualization in Power BI



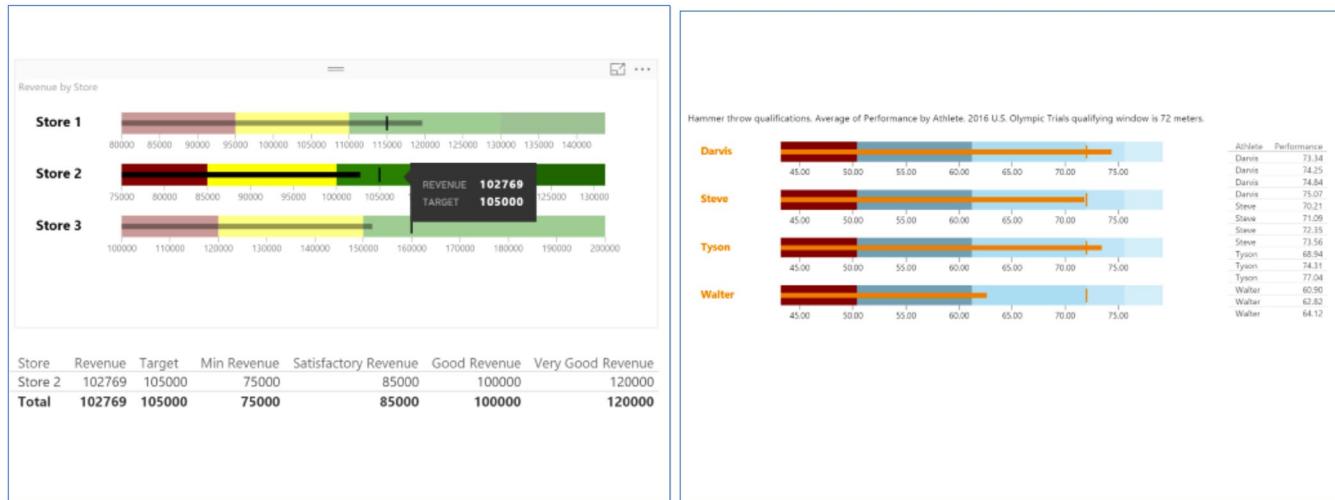
Use powerful Vega or Vega-Lite languages to create custom visuals directly inside Power BI

Deneb is a custom visual for Microsoft Power BI, which allows creators to use the declarative JSON syntax of the Vega or Vega-Lite languages to build their own bespoke data visualizations, without having to learn web development. This is similar to the approaches used for creating R and Python visuals in Power BI, with the following additional benefits:

- No additional dependencies on local libraries or gateways for your end-users when publishing reports - Visuals will render in any Power BI client.
- Specifications are rendered directly inside Power BI rather than being delegated to another location (typically resulting in faster render times for end-users).
- Built for the web, meaning that it's possible to integrate with Power BI's interactivity features, with some additional setup.

By becoming familiar with the Vega-Lite and Vega languages, and learning to "think visually", you can greatly expand your visual options within Power BI.

071 Bullet Chart



A bar chart with extra visual elements to provide additional context. Useful for tracking goals

The bullet chart serves as a replacement for dashboard gauges and meters. Bullet charts were developed to overcome the fundamental issues of gauges and meters.

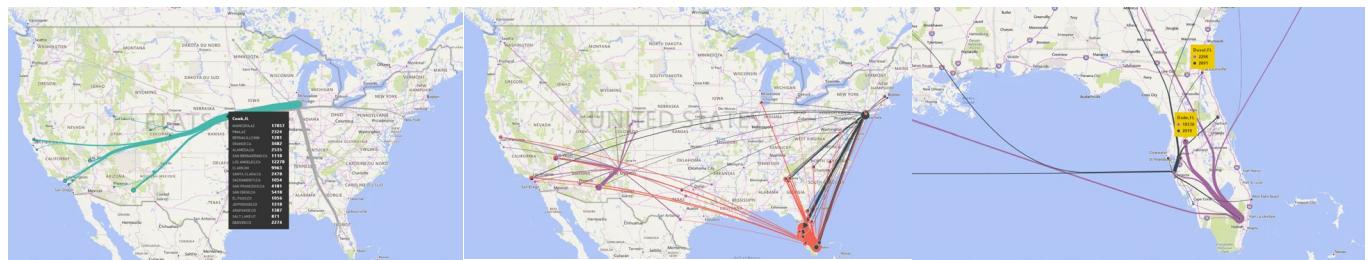
The bullet chart features a single, primary measure (for example, current year-to-date revenue), comparing that measure to one or more other measures to enrich its meaning (for example, compared to a target), and displays it in the context of qualitative ranges of performance, such as poor, satisfactory, and good. The qualitative ranges are displayed as varying intensities of a single hue to make them discernible by those who are color blind and to restrict the use of colors on the dashboard to a minimum.

Bullet charts may be horizontal or vertical and may be stacked to allow comparisons of several measures at once.

The Bullet chart consists of 5 primary components:

- Text label: Your chart caption which defines what your chart is about and the unit of measurement.
- Quantitative Scale: Measures the value of your metric on a linear axis.
- The Featured Measure: The bar that displays the primary performance measure (eg: Revenue YTD).
- Comparative Measure: The measure against which you want to compare your featured measure (eg: Target revenue).
- Qualitative Scale: The background fill that encodes qualitative ranges like bad, satisfactory, and good.

072 Flow map



Flow-style visualization that depicts movements of objects among geo-locations

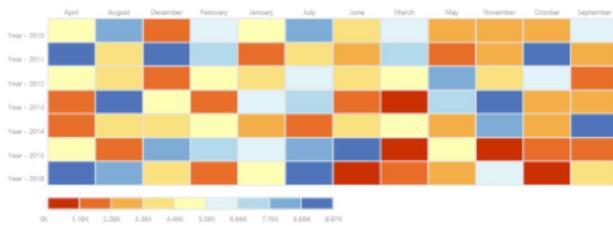
Flow maps are a special type of network visualization for object movements, such as the number of people in a migration.

By merging edges together,

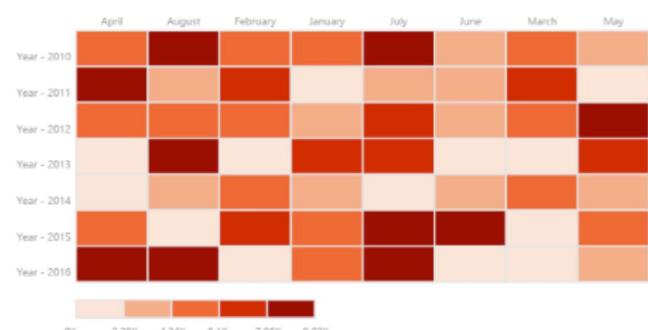
Flow maps can reduce visual clutter and enhance directional trends.

073 Table Heatmap

Product sales by year/month



Product sales by year/month



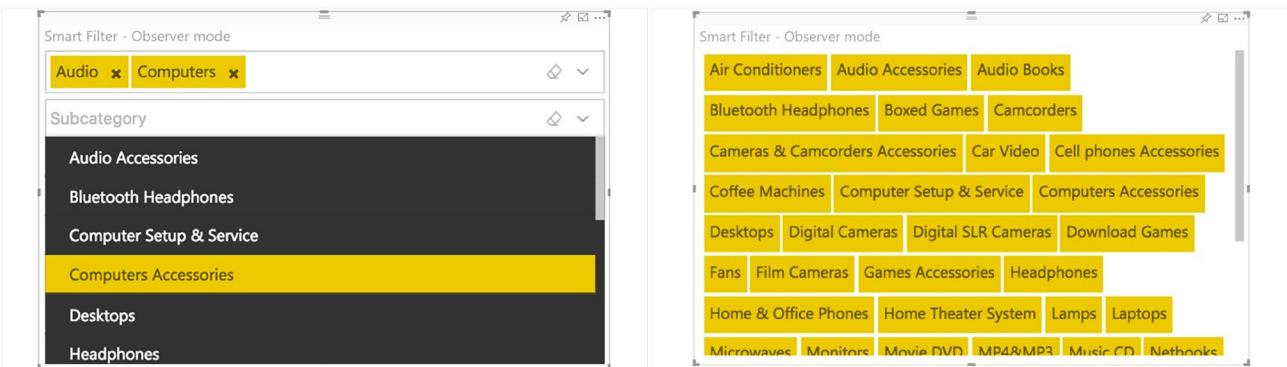
Compare data easily and intuitively using colors in a table

Use this custom visual to build a table heatmap that can be used to visualize and compare data values in an easy and intuitive way.

You have a built-in option within this visual to specify the number of buckets used for splitting your data.

Additionally, you can also customize it by choosing a color scheme in line with your brand colors

074 Smart Filter



Smart Filter by OKVIZ is an intuitive filtering visual for Power BI designed to enhance data exploration. It allows users to search, select, and filter data interactively, making it easier to analyze datasets within reports and dashboards. With a user-friendly interface, Smart Filter improves navigation by providing a structured way to refine information and focus on relevant insights.

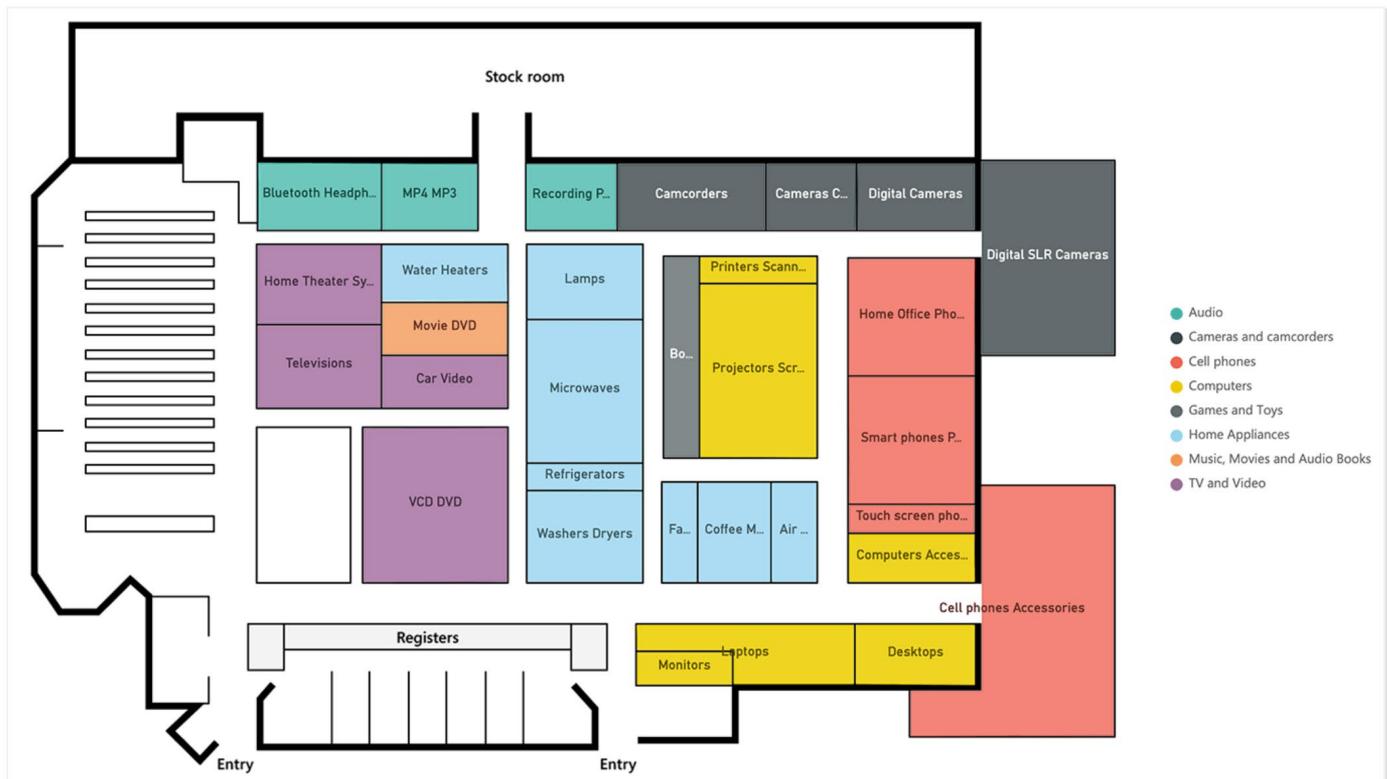
While the free version includes essential filtering capabilities, it has some limitations in comparison to [Smart Filter Pro](#), which offers more advanced filtering modes, greater performance, and extended customization options.

Features Comparison

Feature	Smart Filter (Free)	Smart Filter Pro
Dropdown Mode	✓	✓
Observer Mode	✓	✓
Search / Filter Modes	X	✓
Hierarchy Mode	X	✓
Customization Options	Basic	Extensive
Max Loaded Data Rows	30,000 rows	No limits
Bookmarks, Themes, Tooltips, Copy & Paste, Sync Slicers	X	✓

[Upgrade to Smart Filter Pro](#) to unlock all features, improve performance, and enhance the flexibility of your Power BI filtering experience.

075 Synoptic Panel



Bring your SVG images to life with Power BI data!

THIS VERSION IS DEPRECATED AND WILL BE REMOVED SOON

View the new versions here:

- [Synoptic Panel v2](#)
- Synoptic Panel Lite (available soon on AppSource)

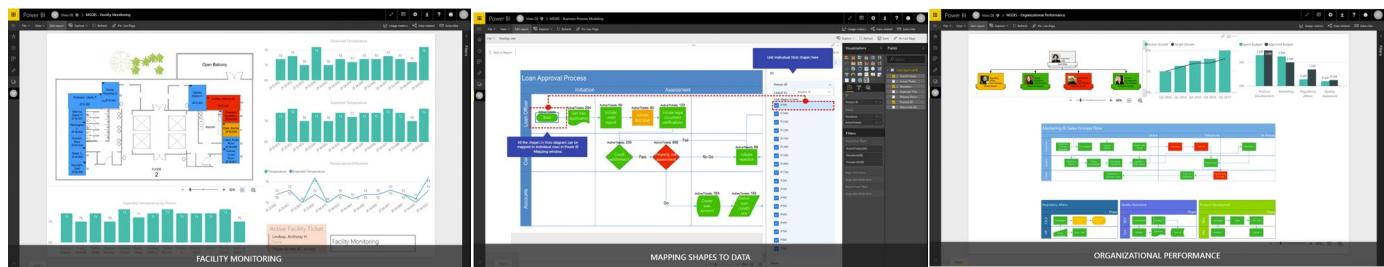
Synoptic Panel by OKVIZ enables you to show one or more images called “maps” – which are not necessarily geographic maps.

Maps are made up of areas whose specific meaning is provided by the underlying data.

Areas can be highlighted or colored dynamically, and you can display several pieces of information over these areas.

The design of the maps can be achieved with a vector graphic editor, or by using our companion tool Synoptic Designer (<https://synoptic.design>).

076 Visio Visual



Bring your business activities to life in ways that only Microsoft Visio diagrams can visualize. Visio Visual gives an ability to represent Power BI data just like how you want it.

Do you wish to represent Power BI data on business process workflows or on a real-world layout like floor plan, industrial layout or on an organization chart or any illustration of your choice?

Using Microsoft Visio, you can easily create such illustrative diagrams and with this Visio Visual, you can quickly connect to a Visio diagram hosted on SharePoint Online or OneDrive for Business.

The underlying Power BI data is then automatically and intelligently linked to the diagram based on its shape properties, eliminating the need to do this manually.

In just a few clicks, Visio diagrams become yet another interactive Power BI visualization that can help you make informed decisions faster.

Features:

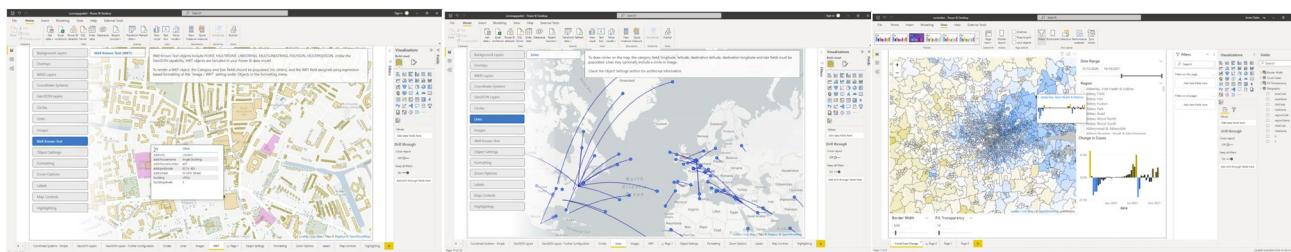
- Import any Visio diagram like flowchart, BPMN, data flow diagram, floor plan, organization chart, network, timeline, electrical, rack, value stream map and more
- Connect to Power BI data automatically using shape properties or manually from within Visio Visual
- Represent Power BI data as color range to signify good/bad states or as text on top of Visio diagram
- Auto-zoom into the diagram when Power BI visual is filtered. Turn the auto-zoom setting ON or OFF to control this feature
- Click on Visio diagram to filter Power BI visuals

Current limitations:

- Large Visio diagrams with shape count over 2000 are not supported
- Visio Visual is not yet supported for Export to PowerPoint, and Email subscription
- To include Visio Visual in a Publish to Web report, you must use an unauthenticated Visio diagram

We're excited to see what you build with Visio and Power BI!

077 Icon Map



Flexible maps - place images, circles, lines, GeoJSON layers and well-known text shapes.

Icon Map

Please note this visual is no longer being supported or developed.

Support is available for the newer [Icon Map Pro](#) visual.

Icon Map is a flexible map visual for Power BI providing an extensive set of features including:

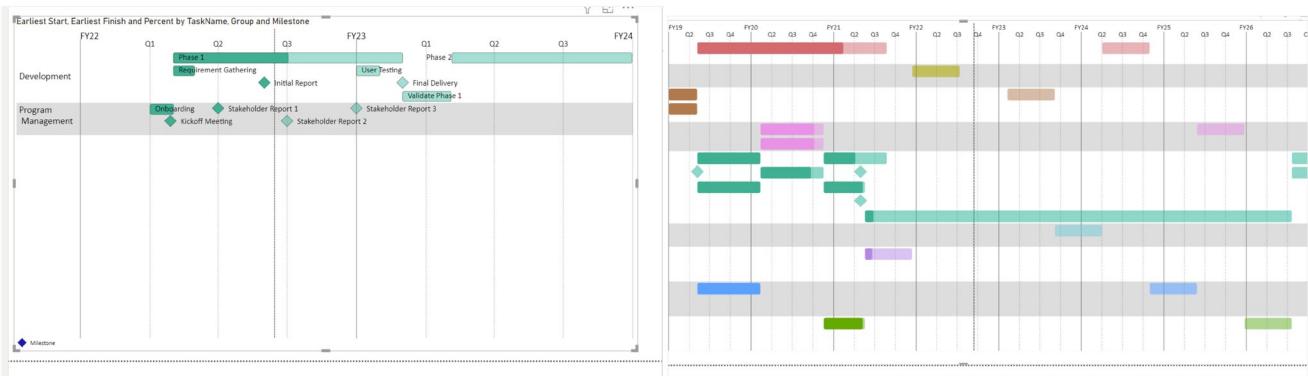
Background layers:

- A choice of raster background layers including custom URLs that can be configured using Power BI measures
- Overlay additional transparent layers onto your map, including support for WMS layers
- Support for vector tiles Map Objects:
- Circles - Lines - Images
- Well Known Text (WKT) shapes including line strings, points and polygons held in your Power BI dataset

Vector layers:

- GeoJSON layers hosted on an external server
- Vector tiles with support for text labels, drill down, drill through, report page tooltips and extensive customization using expression based formatting

078 Definitive Logic Advanced Gantt Chart



A Gantt Chart with task swim lanes and advanced customization

A Gantt Chart that can separate tasks into swim lanes and supports both the calendar and federal fiscal years.

By adding Boolean measures into the flags, you can add conditioned formatting to individual tasks.

Supports adding a color column to change the color for the tasks.

079 Image Grid



Visualize images in Power BI.

Images can be visualized in the following ways:

- Top list. The size of the images are proportional to the sort order.

First in sort order largest image.

- Weighted list. The size of the images is proportional to the value of the measure.

Largest value largest image.

- Grid. Images are presented in a table layout (grid) according to sort order.

First in sort order top of table.

Images can also be visualized according to different resolutions, depending on size in visual.

Use the low/high quality properties if you have different resolutions for your images.

080 Preselected Slicer

The screenshot illustrates the Preselected Slicer feature in Power BI across four different modes:

- Standard Mode:** Shows a list of months from Janvier to Août. Juillet is selected (indicated by a checked checkbox). This is labeled "Default selection".
- Single select:** Shows a list of months. Février is selected (indicated by a checked checkbox). This is labeled "Single select".
- Customization:** Shows a list of months. Juillet is selected (indicated by a checked checkbox).
- Preselection data:** Shows a list of months. Juillet is selected (indicated by a checked checkbox). This section includes a note: "'Dirty' status on selection change".
- Mode:** Shows a dropdown list of months. Juillet is selected (indicated by a checked checkbox). This is labeled "Dropdown list".

The Preselected Slicer is a slicer for Power BI where values can be pre-selected by your data.

Use the Preselected Slicer in your Power BI reports to filter other visuals with one of your dimensions, like with a regular slicer.

The advantage of the Preselected Slicer is that you can use another column or measure to tell which values must be pre-selected when a user opens the report.

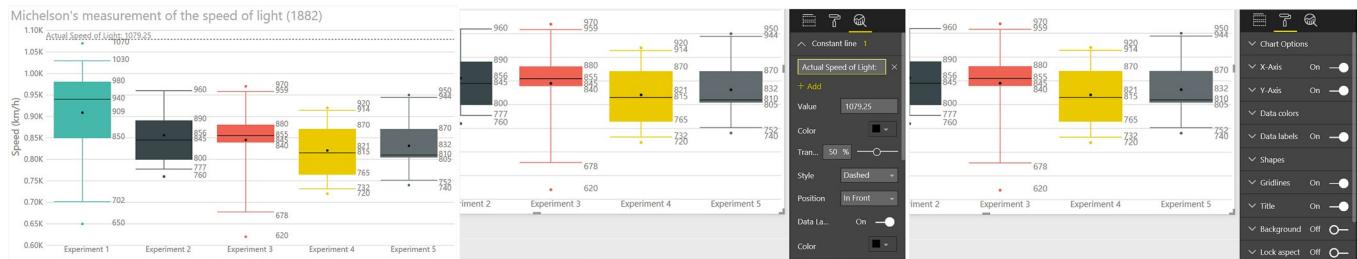
Then, instead of modifying the report each time you need to change the default selection, the model will tell the Preselected Slicer which is the default selection.

Let's say you have a report with different visuals. You would like to display your charts filtered by the current year or month by default.

You can do that with the Preselected Slicer. Your users will still be able to filter on other years or months by changing the current selection.

Note: The Preselected Slicer needs a third "technical" measure in order to keep its dirty status updated cross pages.

081 Box and Whisker chart



Visualize a dataset in an effective way as a five-number summary (mean, median, quartiles, min/max)

The Box and whisker plot chart for Power BI is a convenient way of graphically depicting groups of numerical data through their quartiles.

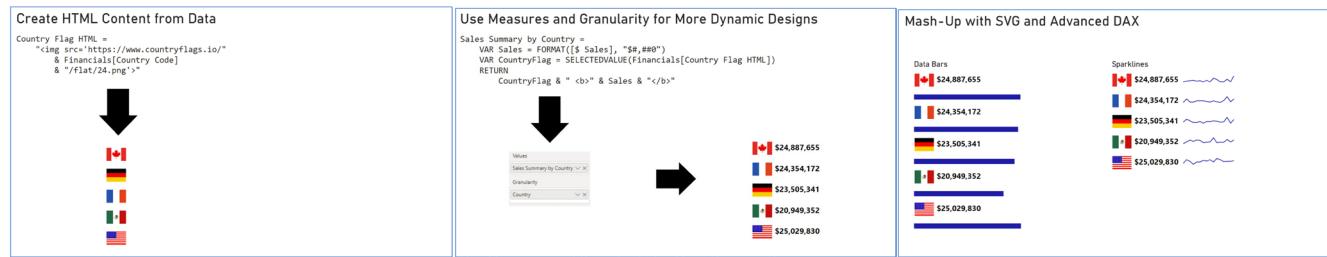
It shows basic statistical information (five-number summary) of a dataset:

- the 1st and 3rd quartile (box)
- the median (line)
- the mean (dot)
- minimum and maximum value, 1.5x interquartile range [IQR] or custom percentile value (whiskers)

Other options:

- Add static reference line(s)
- Option to show outliers
- Option to show median/mean indicators
- Optional support for highlight and 'Fixed Categories'
- Label formatting options, including font size and font family
- Option to enable data labels

082 HTML Content (lite)



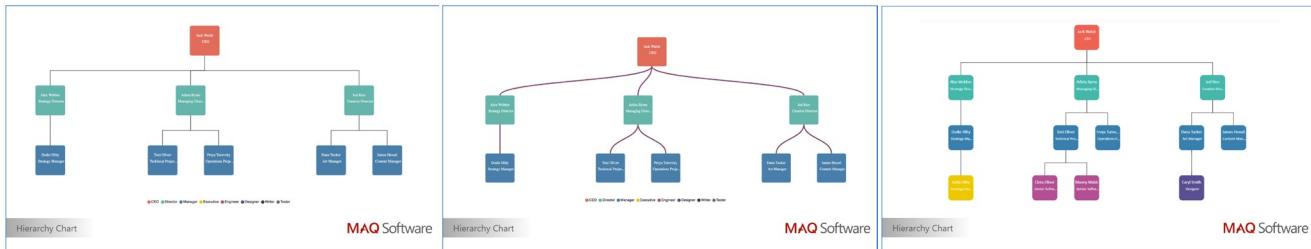
Visualize column or measure values as HTML in your Power BI reports.

This is a version of HTML Content that implements a reduced set of tags and also does not permit loading from external URLs, in order to comply with Power BI certification requirements. If you want as much access as possible to the DOM within a custom visual or need to load external resources, it is recommended that you use the regular version, which is uncertified and does not have these restrictions.

Report authors can use the visual to write their own columns and measures using DAX, to create dynamic HTML content, or render existing content from their data model that contains HTML in their reports.

For information on getting started, worked examples, more detail on visual properties or version history, you can visit www.html-content.com to learn more.

083 Hierarchy Chart



Streamline your organizational insights | Power BI Certified

Hierarchy Chart by MAQ Software

Discover the power of visual hierarchy to depict relationships within any organizational, departmental, or functional area. Hierarchy Chart by MAQ Software transforms complex structures into intuitive, top-down structured tree diagrams. Incorporate images to bring your data to life, offering a clear, visual representation of various entities and their connections.

Key benefits

- Customizable appearance: Modify connector links, card dimensions, borders, and corner radius for a personalized look.
- Color coding: Assign colors based on the Legend column to signify different statuses or categories.
- Interactive cards: Expand/collapse levels and cross-filter other visuals to explore your data.
- Navigational freedom: Zoom and drag features allow for adaptable visualization positioning.

Use cases

- Sales: Analyze sales performance by territory or target achievement, using color-coding for clarity.
- Human Resources: Organize your workforce by department and rank, improving clarity and planning efficiency.
- IT management: Catalogue IT assets by category and quantity, providing a comprehensive overview of resources.
- Operations: Visualize manufacturing processes or product components in detailed hierarchical formats.
- Finance: Illustrate budget distributions across divisions or projects, using color coding to identify areas on or off track.

084 Selection Slicer

The figure consists of three side-by-side screenshots of the Selection Slicer for Power BI. Each screenshot shows a top navigation bar with dropdown menus for Sector, Region, Country, and Manufacturer, followed by a 'Clear selection' button. Below the navigation bar are two small charts: 'Sales by Region' and 'Sales by Manufacturer'. The first chart shows sales for Europe and North America. The second chart shows sales for three manufacturers: Viztek Ltd, Orange Ltd, and Green Ltd.

- Screenshot 1:** Shows a tooltip for the 'Selection Slicer allows the user to quickly see and clear their selected choices from each category.' It also notes that the total number of rows the visual will process is limited to 30,000.
- Screenshot 2:** Shows a tooltip for 'Choices are shown in a drop-down, allowing for easy selection. Choices that are unavailable due to filters in other fields are grayed out (this feature can be disabled).' It also notes that if there are many choices, the user can scroll through them or search for a specific choice. Unavailable choices are grayed out using the filter button, or disabled completely in the visual settings.
- Screenshot 3:** Shows a tooltip for 'Categories and selected choices are paged if there is not enough space to show all of them.'

Selection Slicer for Power BI Walnut//innovation

Multi-category slicer/filter showing selected and unavailable choices

Selection Slicer is an elegant and intuitive multi-category slicer.

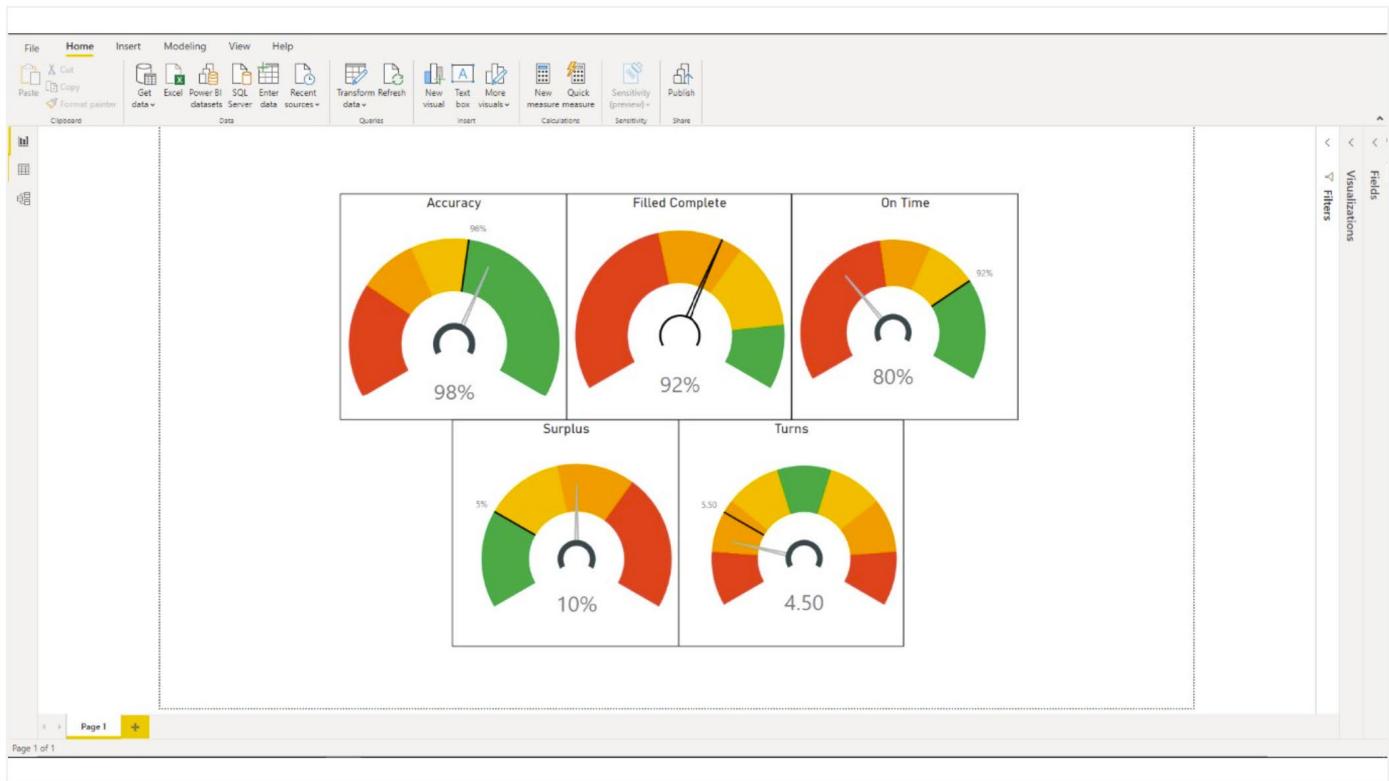
Selection Slicer allows multiple fields to be filtered at the same time, with the choices made by the user visible at a glance. This design offers an intuitive experience similar to retail product filtering.

The slicer also includes internal filtering between fields, allowing the slicer to show both available and filtered-out options in each filter. This feature may be entirely disabled in the settings. The slicer's appearance can be customized to match the report's theme.

This slicer will benefit users that want to create an easy-to-use, intuitive filter for their reports and dashboards. It reduces the complexity of filtering by multiple fields while keeping track of the options the user has already made.

Visit our support page for release notes and more usage tips. Please note that this visual is currently offered in English only.

085 Tachometer



Tachometer which allows for 7 ranges.

The E&A Tachometer is a gauge that allows displaying a value within a given range to clearly communicate how it is measuring up to a target value.

The value, target, start and end angles along with the size and color of each of the 7 possible ranges are some of customizable features.

Some example uses include displaying sales performance against goals, transactions per minute, and perfect order rate.

This is a modification of the Tachometer created by Indika Chamara (IC) Ranasinghe to allow for 7 ranges.

086 Hierarchy Slicer

Single select Hierarchy Slicer

Per Product - single select

- Bikes
 - Mountain Bikes
 - Mountain-100 Black, 48
 - Mountain-100 Silver, 38
 - Mountain-100 Silver, 44
 - Road Bikes
 - Road-150 Red, 44
 - Road-150 Red, 48
 - Road-150 Red, 52
 - Road-150 Red, 56
 - Road-150 Red, 62
 - Road-650 Black, 62
 - Road-650 Red, 52

Per Product - single select

- Bikes
 - Mountain Bikes
 - Mountain-100 Black, 48
 - Mountain-100 Silver, 38
 - Mountain-100 Silver, 44
 - Road Bikes
 - Road-150 Red, 44
 - Road-150 Red, 48
 - Road-150 Red, 52
 - Road-150 Red, 56
 - Road-150 Red, 62
 - Road-650 Black, 62
 - Road-650 Red, 52

Single select members on different hierarchy levels

Multi select Hierarchy Slicer

Optional Select All → Per Product - multi select

Per Product - multi select

- Bikes
 - Mountain Bikes
 - Mountain-100 Black, 48
 - Mountain-100 Silver, 38
 - Mountain-100 Silver, 44
 - Road Bikes
 - Road-150 Red, 44
 - Road-150 Red, 48
 - Road-150 Red, 52
 - Road-150 Red, 56
 - Road-150 Red, 62
 - Road-650 Black, 62
 - Road-650 Red, 52

Multi select members on different hierarchy levels

Ragged hierarchies (new in version 2)

Hide Members

Multiple options to hide members

Hide Members - Parent name

Hide Members - Single Select

On

Parent Name

Never

Empty

Parent Name

Create a hierarchy of different fields and use it as a slicer with Power BI.

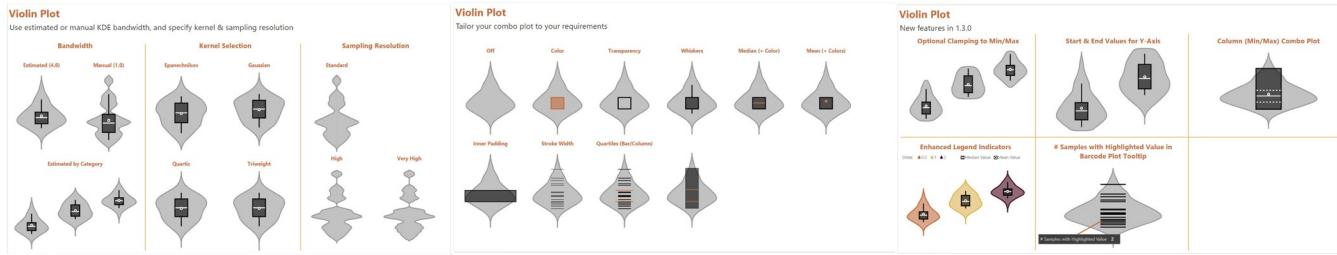
Use a Power BI hierarchy - adhoc created with single fields or pre-defined - as a slicer to filter other report items.

Each level can be expand or collapsed for optimal navigation thru the hierarchy and to find to select (multi or single) the correct attribute from the slicer.

Notes:

- Total visible items are limited to +- 30.000 items for optimal performance
- There is no limit to the number of levels
- Hierarchies with levels that use multiple columns as key are not supported and can generate incorrect selections

087 Violin Plot



Use to visualize the distribution of your data.

A violin plot is a visual that traditionally combines a box plot and a kernel density plot.

A box plot lets you see basic distribution information about your data, such as median, mean, range and quartiles but doesn't show you how your data looks throughout its range. If you have a multimodal distribution (multiple peaks) or some confusion as to where things are clustered, then it's not easy to figure this out.

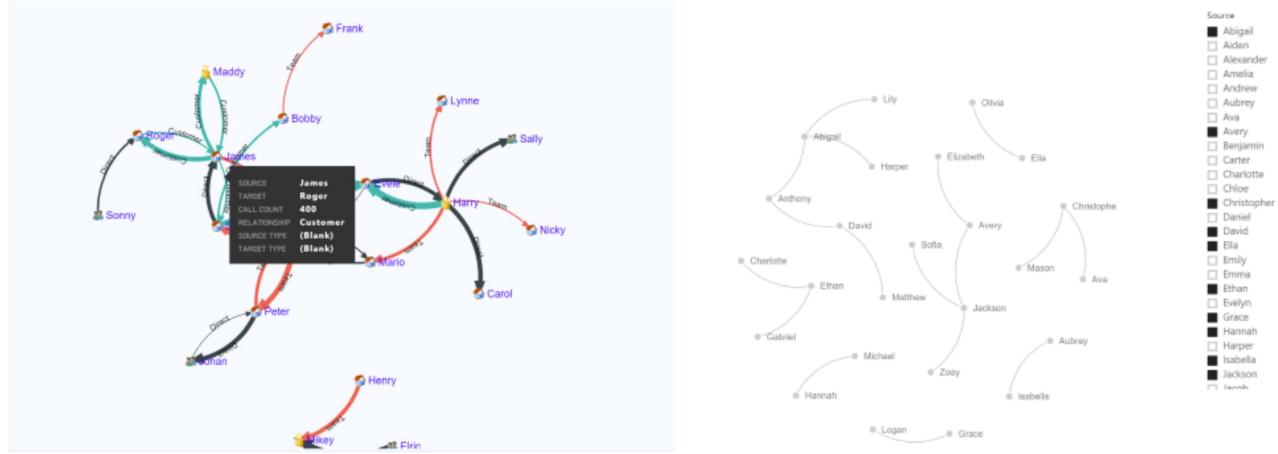
A kernel density plot helps with this challenge by showing the variations in your data across its distribution. It works like a histogram but uses kernel smoothing to provide a smoother curve where noise might otherwise be present.

This visual provides you with the ability to make these violin plots, with the option of displaying an accompanying combo plot (either a box plot, barcode plot or column plot).

Features include:

- Split and color by categories
- 4 different kernels
- Sampling resolution
- Estimated/manual KDE bandwidth, configurable by category
- Customizable combo plot (box, barcode or column)

088 Force-Directed Graph



Force layout diagram with curved path. Useful to show connections between entities

The ability to visualize the relationship between items, the weightage of the relationship and the flow often brings out the untold insights into limelight, which are otherwise not very evident.

Simple numbers and basic charts won't be enough to discover and tell such data stories.

We need new visualization techniques for the complex world of relationship and Force-Directed Graph thrives to the forefront for such scenarios.

This custom visual implements a D3 force layout diagram with curved paths.

The thickness of the path represents the weight of the relationship between the nodes.

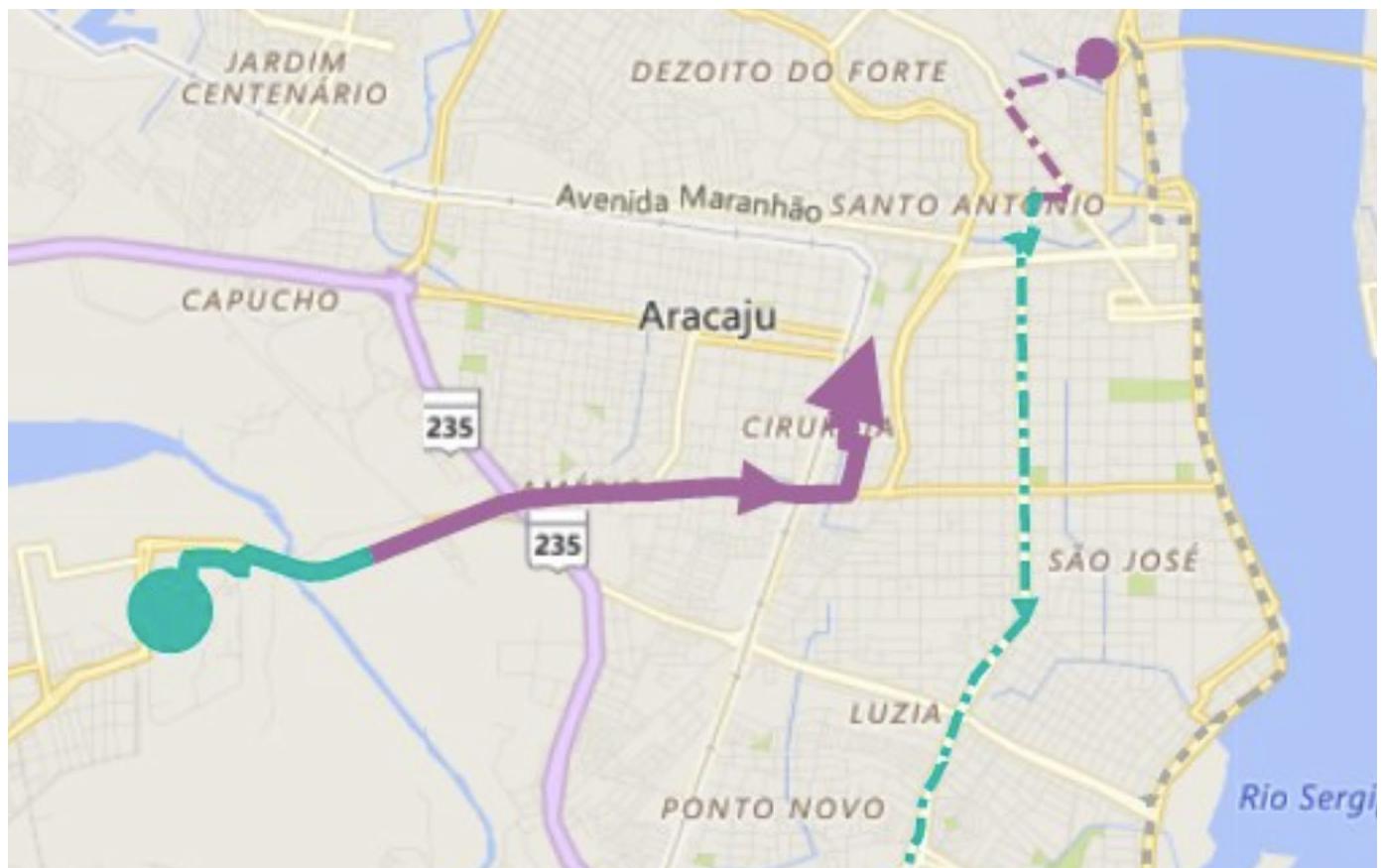
Since the relationship and interconnection between large set of entities could be very complex, the visual positions the nodes in such a way that there are few crossings as possible, making the exploration experience easy, fun.

The visual also produces the layout which is overall pleasing to the eyes for large data sets. Users can also adjust the layout manually by simply dragging the nodes around.

Ideally you would need two dimensions and one measure (for the weightage) to use with this visual. But this also works just with a single column.

This is an open source visual.

089 Route Map



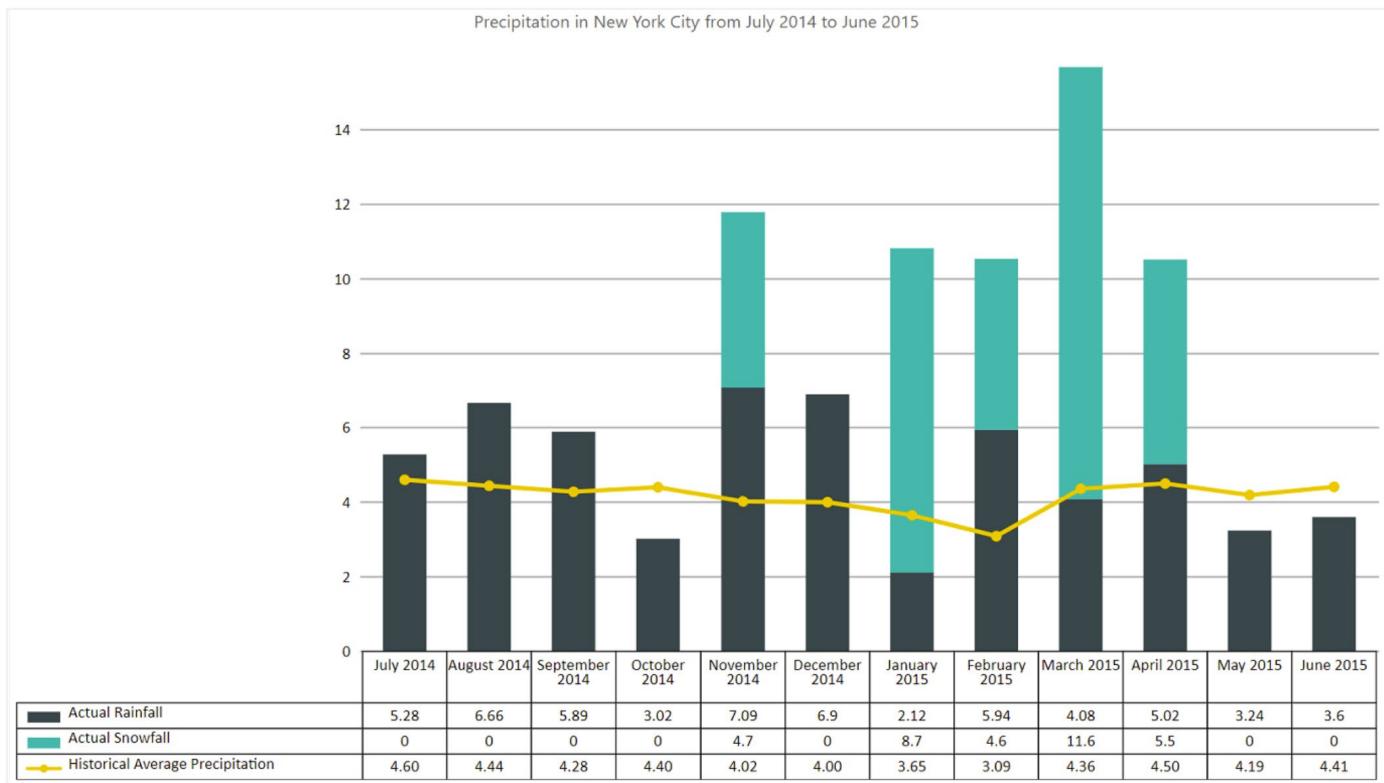
Visualize trajectories on a map

Route maps are designed to visualize trajectories of objects, such as taxis, vessels, airplanes, and hurricanes.

Specifically, a trajectory dataset often contains three aspects of information: time, geo-coordinate, and attribute. In this visual, you can draw the spatial-temporal information on a map with polylines, then use line styles (e.g., colors and widths) to encode desired attributes.

For more details, please visit: <https://weiweicui.github.io/PowerBI-Routemap/>

090 Line and Stacked Column Chart with Table



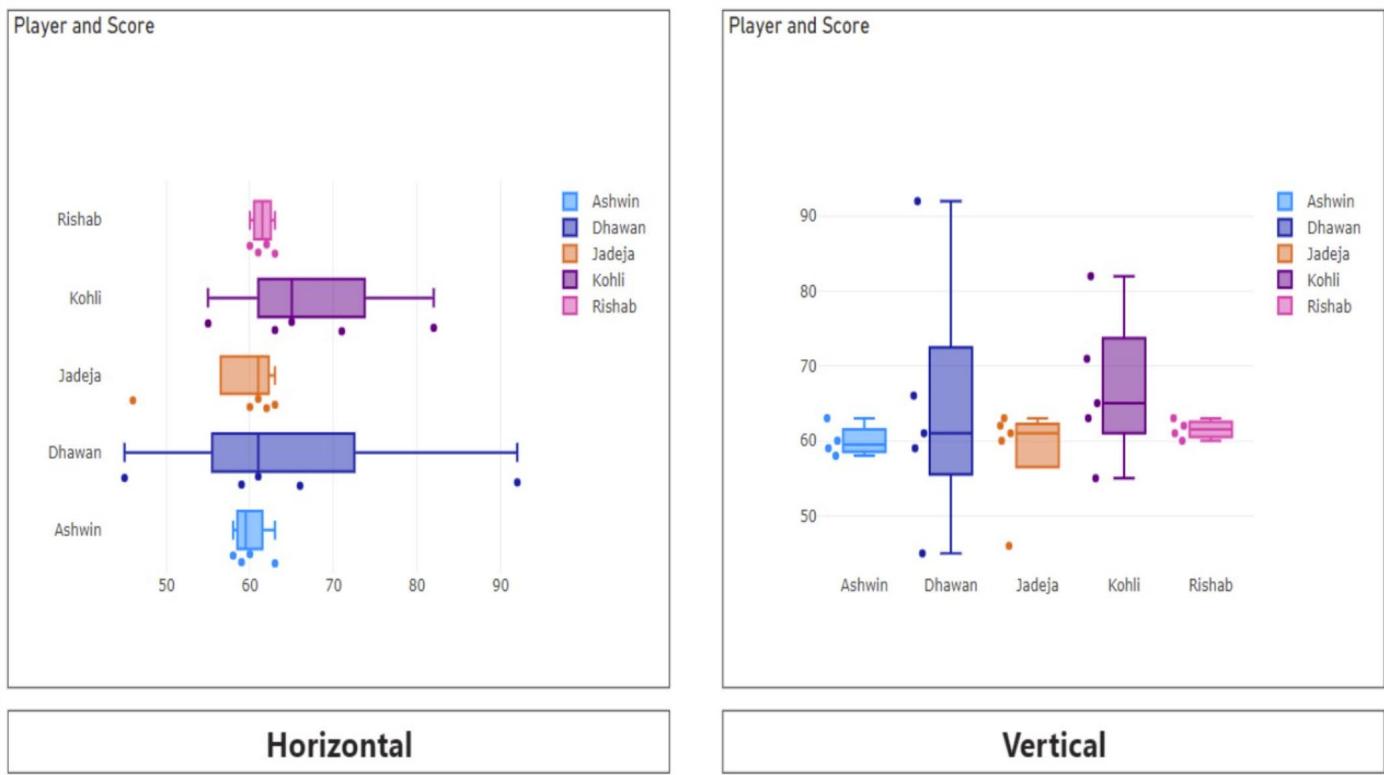
A line and stacked column chart with a data table of values displayed below.

Similar to the line and stacked column combo chart provided out-of-the-box in Power BI, but with the addition of a table under the chart with values along the x-axis.

This is similar to the data table that can be displayed on charts in Excel.

When you want to not only display a chart, but also the data values for each series, you can accomplish that with this visual.

091 Box Ploty



Provides a concise visual summary of the distribution and key statistical measures of a dataset.

Box ploty is a statistical visualization tool that provide valuable insights into the distribution and key statistical measures of a dataset.

As data complexity increases in various domains, box plots offer a concise and informative way to understand data characteristics, detect outliers, and make data-driven decisions.

The orientation of a box plot plays a crucial role in how data is presented and interpreted.

Box plots can be oriented both horizontally and vertically.

A horizontal box plot is often used when comparing distributions across different categories or groups, enabling a quick visual comparison of data spread and central tendencies.

On the other hand, a vertical box plot is well-suited for visualizing the distribution of a single dataset, allowing viewers to grasp the data's range and quartile values effortlessly.

In addition to the traditional box-and-whisker components, some box plots incorporate individual dots to represent individual data points.

These dots are especially useful when a dataset contains a relatively small number of data points or when outliers are scattered throughout the dataset.

Box ploty also supports zoom, cross filtering, context menu etc..

092 Sparkline



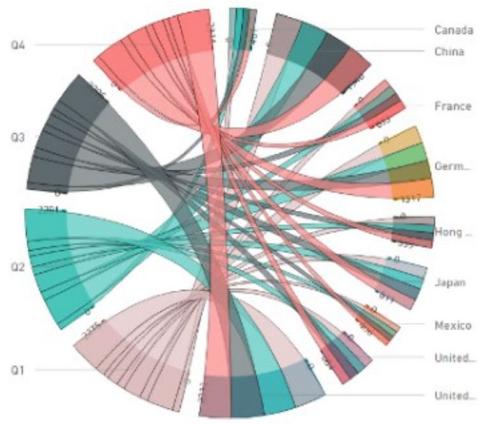
Displays the trend of multiple measures or category items on a single line, minimizing the footprint

Sparkline by OKVIZ is a versatile visual that lets you display trends for multiple measures or category items in a compact, fully customizable format.

Key Features

- Highlighting the highest and lowest data points
- Displaying the last value
- Summing the series or showing the average
- Adding a target line or area
- Customization options for chart colors, line appearance, and more

093 Chord



A graphical method of displaying the inter-relationships between data in a matrix

This type of diagram visualizes the inter-relationships between entities.

The connections between entities is used to display that they share something in common.

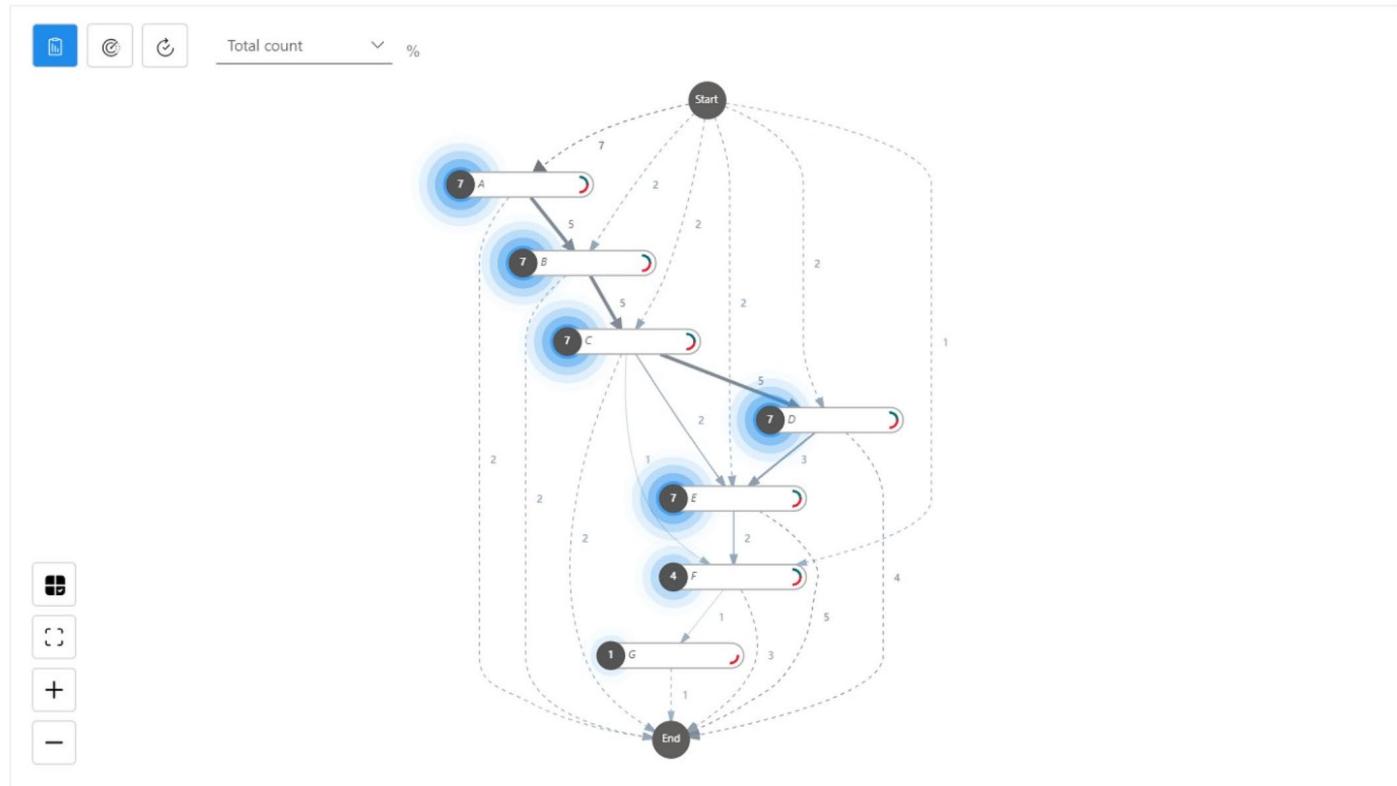
This makes Chord Diagrams ideal for comparing the similarities within a dataset or between different groups of data.

Nodes are arranged around a circle, with the relationships between points connected to each other either through the use of arcs or Bézier curves.

Values are assigned to each connection, which is represented proportionally by the size of each arc.
Customize data colors, axis, labels and more.

This is an open source visual.

094 Power Automate Process Mining - Process Map Visual



Visualize a business process using a beautiful and easy to understand process map.

Power Automate Process Mining Process Map allows users to visualize a process in a graphical way that can be used to find efficiencies and areas of improvement for a process.

The visual allows the user to select different metrics, provides filtering capabilities and integrates with other Power BI visuals.

A process map provides a view of the activities performed in a process and their sessions. It represents the behavior of the process captured in data by means of activities and directed edges.

Process map activities (also known as nodes) represent a unique activity, or unique values of different selected mining attributes, performed, executed, or passed through in the process.

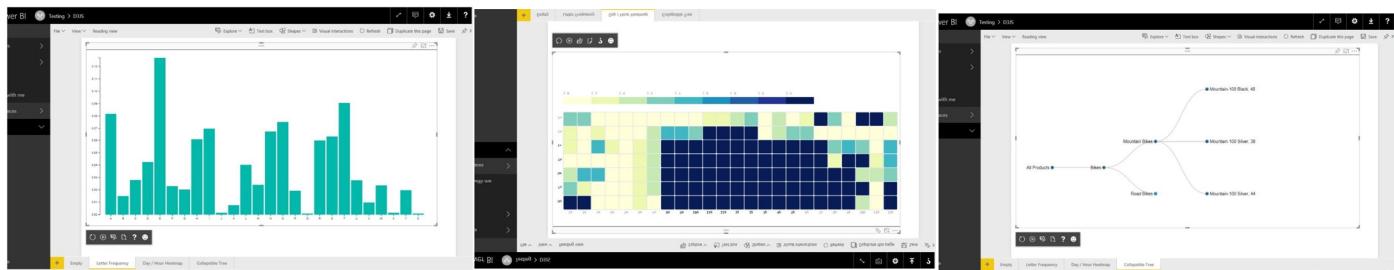
Frequency metric, time metric, or finance metric can be displayed for nodes. The system can display only one metric at a time.

The size and color of the highlight (also known as the halo effect) expresses the total proportion of the frequency, time metric in question in relation to the other nodes in the process map.

Chart edges represent transitions between individual events and describe the sequence of activities in the process. A transition between events means that they directly follow one after the other.

The thickness of the edge and the number displayed next to it depend on the selected display metric (frequency, time, finance) and its value.

095 D3.js Visual



Bring your data to life by using HTML, SVG, CSS via the D3.js framework and create your own visual.

The D3.js Visual for Power BI provides a D3.js skeleton visual that everybody can use to create custom visuals with D3.js. Either the visual can be created from scratch or an existing D3.js visual can be used via a seamless 'lift-and-shift' procedure.

Some alterations are needed to get the correct dimensions and the data retrieval. Optional it is possible to alter the color assignment based on the provided color array. A short tutorial can be found at:

<https://azurebi.jppp.org/power-bi-d3js-visual/>

All D3.js visuals run in a frame with the following elements/variables:

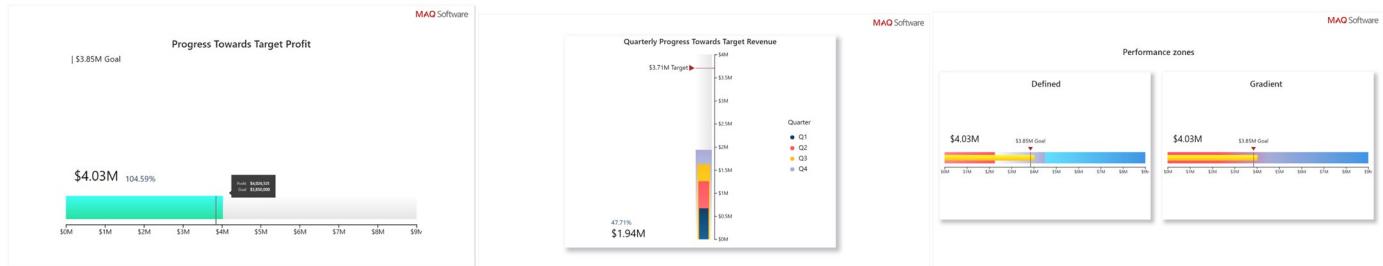
SVG element:

- `svg xmlns="http://www.w3.org/2000/svg" class="chart" id="chart"`

pbi object:

- `dsd : function that retrieves the data via the provided callback: pbi.dsd(callback) e.g.
pbi.csv(function(data) { //Process data function });`
- `height : height of the sandbox frame`
- `width : width of the sandbox frame`
- `colors : color array with 8 colors; changeable via options`

096 Linear Gauge



Visualize progress toward your targets | Power BI Certified

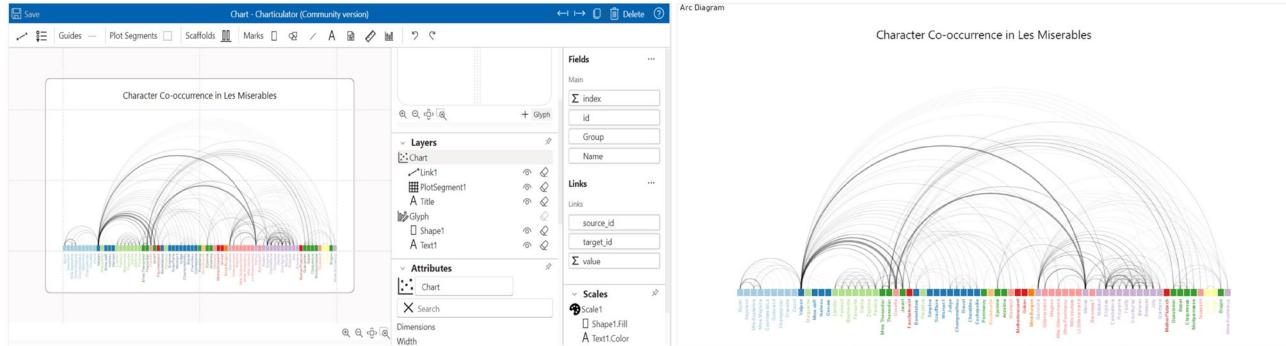
Linear Gauge by MAQ Software

Linear Gauge by MAQ Software is a powerful custom visual that allows you to compare actual values against target values or capacity. Whether it's tracking sales achievements against monthly targets or monitoring budget consumption, our tool offers a dynamic and intuitive solution. By incorporating multiple data points, users gain insights into trends, monthly or year-to-date completion rates, improving decision-making with real-time data visualization of key metrics.

Key benefits

- Custom metrics range: Set minimum and maximum values for your metrics.
- Color customization: Tailor gauge and label colors to match your branding.
- Metric units: Choose from six unit options for displaying metrics.
- Gradient progress visualization: Highlight progress with a vibrant gradient background.
- Data hierarchy: Use drill-down features to view data at various levels.
- Engaging animations: View current progress through an initial load animation.
- Target indicators: Easily identify goals with target value markers.
- Enhanced interaction: Zoom and hover functionalities for detailed analysis.
- Informative tooltips: Get detailed insights with tooltips for each data category.
- Flexible target labeling: Adjust the position of your target labels for clarity.
- Bookmarks compatibility: Save and revisit specific visual states.
- Adaptive coloring: Automatically change colors when actual values meet targets.
- Locale-specific display: Present values in your preferred locale format.
- Font size limitations: Ensure readability with controlled font sizes.

097 Charticulator Visual Community (Editor)



Create custom and reusable charts right within Power BI

Charticulator (charticulator.com or <https://ilfat-galiev.im/charticulator/>) is the no-code way to create custom and reusable chart designs. You can create a custom chart right within Power BI using the Microsoft Charticulator Visual, either from scratch or using a template. With this visual, you can export and import a chart design as a Charticulator template for future reuse. To learn about the core concepts, UI components, and basic interactions of Charticulator, please check out the Getting Started and Video Tutorials pages on the Charticulator website. Also note that many of the charts in the Gallery page have an associated video of their creation process. Charticulator is compatible with the latest version of Microsoft Edge, Google Chrome, and Mozilla Firefox, but not with Edge Legacy and Safari.

This version of the visual has built in editor.

The purpose of the visual is editing or creating templates only to use Charticulator Visual Community (View).

Change log and difference from original Charticulator:

- Packing inside group
- Add color filter for image on selection
- Fix restoring properties for nested chart
- Catch exception on detect changes that breaks entire editor
- Reuse hex code from dataset for scales
- Render axis gridlines even axis is invisible
- Allow to convert time to local time zon
- Remove removing tick format for categorical and ordinal data kind
- Fix ordering expression for axes

098 Card Browser

The image shows a digital interface for a 'Card Browser'. It features a grid of cards, each representing a different baseball player. The cards are divided into two sides: a 'Preview' side and a 'Metadata' side. On the Preview side, there's a small thumbnail image, the player's name, their position, and the team they played for. On the Metadata side, there's a more detailed card with the player's name at the top, followed by their birth date, death date, and a list of their career statistics. The cards are arranged in a grid, and the interface includes navigation arrows to move between them.

Browse documents using double-sided cards, and click to view in place

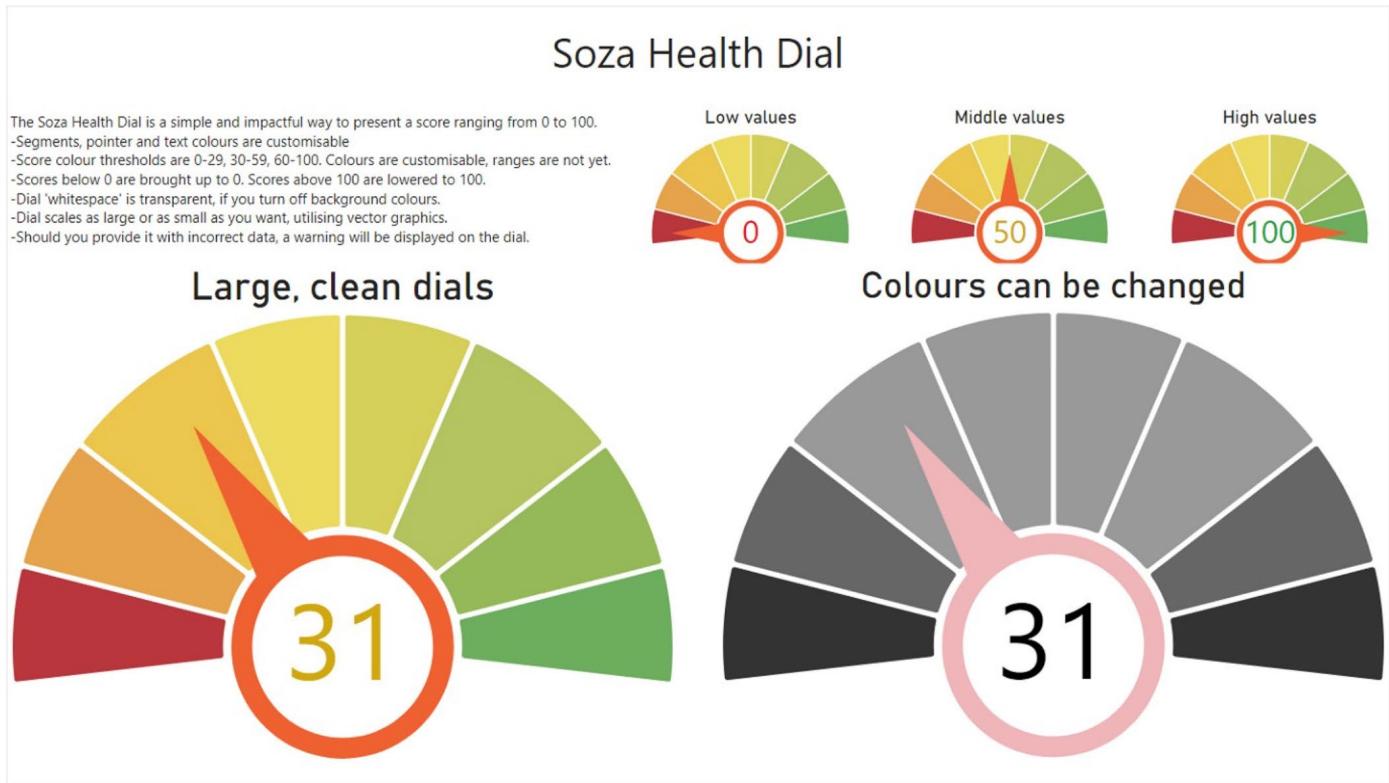
Card Browser is a document set viewer featuring flippable, double-sided thumbnails for natural navigation of media collections.

The Preview face of each card renders the headline image, title, and origin of the story with a text sample, enabling rapid discovery of documents of interest.

Flipping the cards reveals the Metadata face, which lists document properties.

Clicking on a card expands it in place for detailed reading.

099 Soza Health Dial



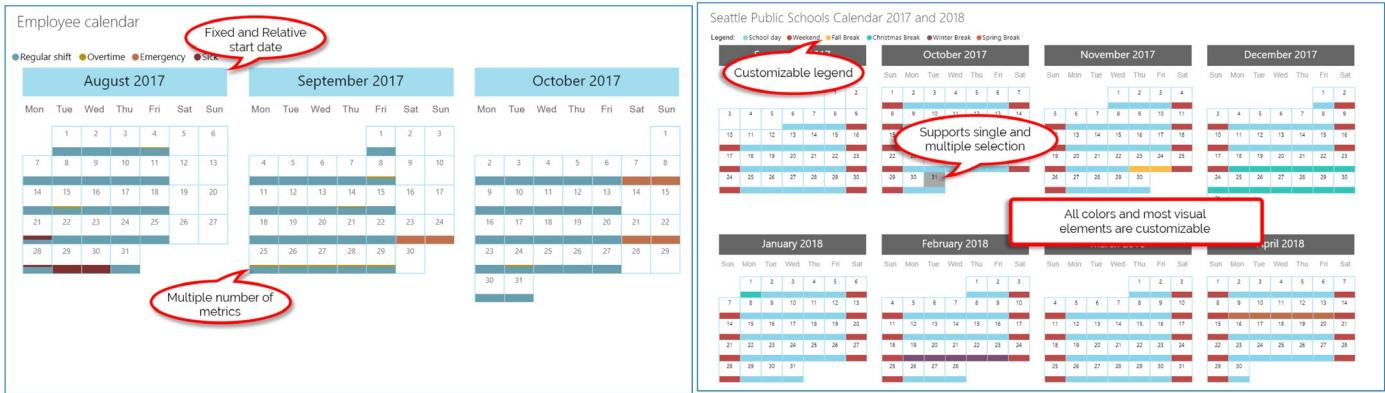
Customizable dial to display a number between 0 and 100. As an SVG it will scale to any size.

This dial is what Soza Health uses to display scores in their products.

We are providing it as an Office and SharePoint Add-in for others to use and will add more features and customizations to it going forward.

The colors used in segments and the pointer can be changed in the settings.

100 Custom Calendar



Customize how you visualize day-to-day data with this easy to use Custom Calendar

Akvelon's Custom Calendar for Power BI is the best way to view and display daily data from any source. Import data from sources such as Excel sheets, CSVs, SQL, and more for a custom view to visualize payroll, attendance, traffic, project hours, and many others that can be reported daily. This tool provides significant insight into daily activities in a fraction of the time.

Custom Calendar supports one date field and as many measurable columns necessary to your project. The data is then displayed by colored sections within each calendar day based on a percentage of total data available for that day.

Not only does the Custom Calendar present your data in a clear and simple fashion, it also allows for in-depth formatting customization options. Change font styles, calendar colors, and calendar sizes to fit your needs.

Total features of Akvelon's Custom Calendar for Power BI include:

- Fixed and relative start and end dates
- Multiple numbers of metrics
- Customizable Formatting
- Cross selection

101 Radar Chart



Radar Chart with Multiple Custom Configurations

Radar Charts are useful for seeing which variables are scoring high or low within a dataset, making them ideal for displaying performance, such as Skill Analysis of Employee or sport players, product comparison, etc.

The **ClearPeaks Radar Chart** allows you to create a chart with tons of configuration for customization, which makes the visual very configurable and adaptable. This radar chart expands the basic configurations, and you can control almost everything that the chart displays on the screen. Apart from these benefits, the visual also includes the following improvements:

- The possibility to break a long x-axis name into two parts to create a better look and feel.
- The possibility to display a "% measure".
- The ability to filter with other visuals by clicking on the "x-axis name" and also to provide feedback to display that it has been filtered.
- The possibility to create alternate radar charts without lines and using only an icon (like in the image attached).
- Legend animation, which contributes to an impactful visual effect – you can click on the legend to show or hide one of the multiples lines of the chart..
- Fully customizable.

On a National level:

2,509 water systems serving **18M** Americans would have violated the proposed standard from the beginning of 2013 through 2015

1,319 water systems serving **3M** Americans were found over the current limit in the same time period

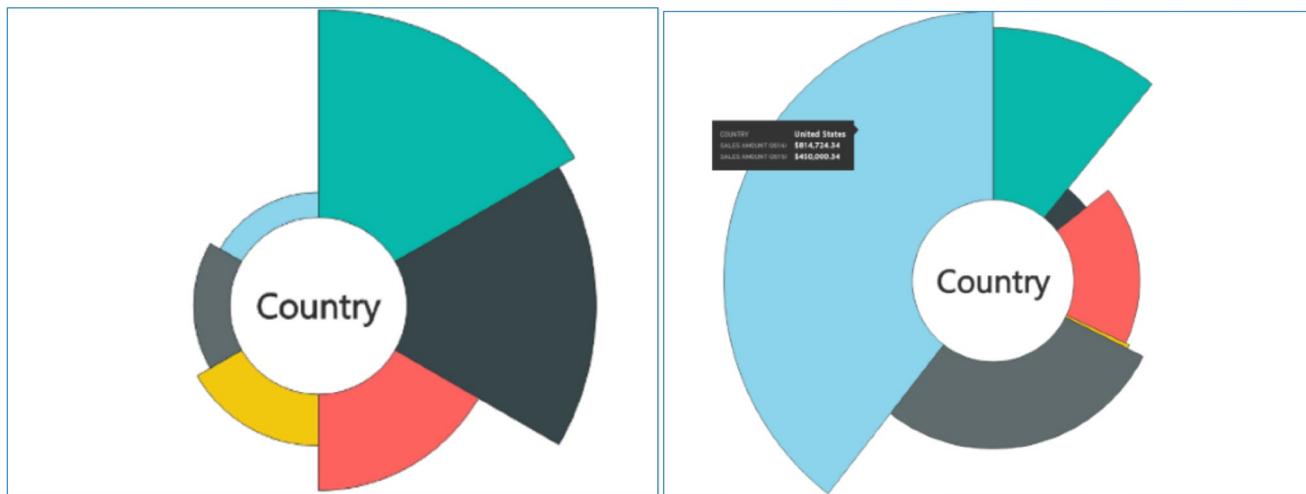
Use beautifully designed text to tell your story.

Data Storytelling is an effective way to capture and articulate complex data into engaging visualizations. Data alone is just a collection of numbers, whereas Data Storytelling is the process of investigating, digesting and shaping that data to tell compelling stories that resonate with your audience.

Enlighten Designs is a Microsoft-based innovation studio established in 1998 and specializing in the art of telling data-driven stories to deliver exceptional customer value. Starting back in September 2016 when Microsoft revealed the ‘Power BI Best Visual’ contest and our Enlighten Aquarium won a people’s choice award, we received an opportunity to be the delivery partner for Microsoft’s Data Journalism Program. Since this time, we have created many [FREE Custom Visuals and AppSource Consulting Offers](#).

Enlighten Designs is a global leader at transforming public and private data into beautiful, engaging, accessible visualizations that invite engagement from your entire audience. We have produced the world’s most widely viewed public Power BI data visualizations for The Associated Press, Politico and Microsoft, as well as numerous internal dashboards, mobile reports and in-app visualizations.

103 Aster Plot



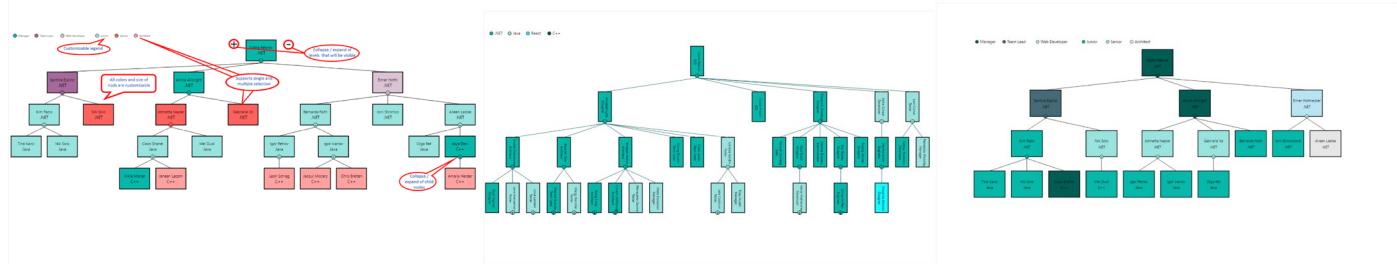
A twist on a standard donut chart, using a second value to drive sweep angle

The Aster Plot allows a category that drives the chart and up to 2 measures:

The first measure controls the depth of each section.

The second measure controls the width of each section.

104 Hierarchy Chart



Show any type of hierarchical data in a tree format such as organization and family trees

Hierarchical information can be easily displayed within Power BI with the Hierarchy Chart custom visual from Akvelon. This Power BI add-on is perfect for ranking different departments, jobs, and employees who make up an organization. It can also be used to show family history and visualize genealogical information. If your data can be visualized in a tree structure, the Hierarchy Chart can display it in an easy-to-read format.

Once the data source is imported into the Hierarchy Chart custom visual, each aspect of the display is fully customizable. Users can change the shape of the represented area, fonts, colors, keys, and more.

Each section is also expandable and collapsible, allowing users to build out their Hierarchy Chart to its full size, and present only the necessary views depending on the audience.

Traditional organizational charts often go out of date thanks to turnover or department restructuring. The Hierarchy Chart custom visual makes it easy to update the data quickly with new information to help you keep the most current information on your display.

Features:

- Fully customizable text, color, sizes
- Expandable sections
- Shape options

105 Pulse Chart



Line chart annotated with key events. Perfect for story telling with data

The Pulse chart shows key events on a timeline and lets you play back the events to reveal insights.

The Pulse Chart allows you to playback the data to see the trend unfold in front of your eyes.

When an event appears, the playback pauses to filter the rest of the report, revealing hidden relationships.

You can use this feature to grab your audience's attention and highlight specific insights.

There's an auto play feature that starts the playback when the report loads.

Pulse Charts are ideal for use with publish to web or when sharing reports with your coworkers.

When a data point is selected on the Pulse Chart, you get a customizable popup.

You can specify the title and description, and show or hide the timestamp as well.

This lets you clearly call attention to what's important about the data point.

Creating a Pulse Chart is really easy -- you just need to provide data that is a time series.

You add columns to the time series data that define the events you want to show on the line.

For those columns, non-blank values become events and are shown as circles on the Pulse chart.

106 Organization Chart



Organization Chart by MAQ Software

Organization Chart by MAQ Software enables you to visually display hierarchical information. It enables the clear depiction of relationships and ranks within an organization or any functional area in a structured tree format. Further improve your charts with images to easily identify key personnel and streamline organizational understanding.

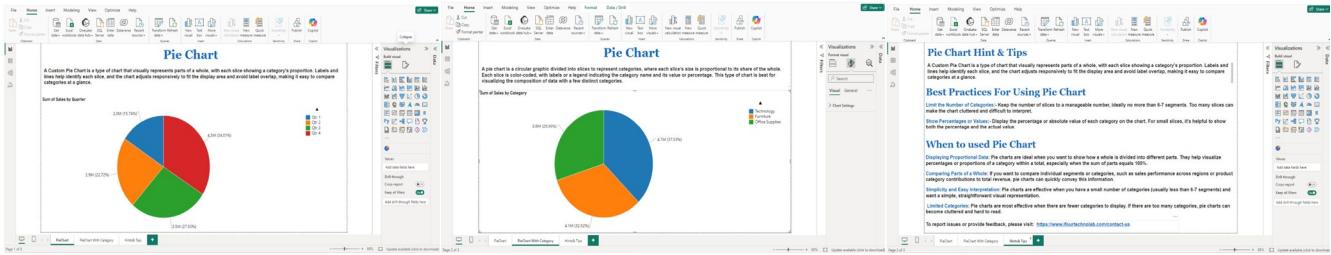
Key benefits

- Image integration: Personalize your chart with images for clearer identification.
- Customizable appearance: Tailor connector links, colors, and text formatting to fit your style.
- Adaptive card design: Modify card size, border, and corner radius to your liking.
- Interactive experience: Navigate through collapsible hierarchies and use cross-filtering for detailed insights.
- Improved navigation: Zoom, click, and drag functionality for easy chart exploration.
- Flexible legend customization: Position and format legends to suit your chart's layout.
- Context menu support: Access additional functionalities with a right-click.

Use cases

- Admin: Map out departmental structures and hierarchies to improve resource management.
- Sales: Illustrate sales territories and performance, providing a visual benchmark against targets.
- IT: Catalog IT assets, including categories, volumes, and performance indicators, for better asset management.
- Finance: Visualize budget distributions across departments and projects, with color coding to highlight budget adherence.

107 Pie Chart



Pie chart visually represents proportions of a whole, with labeled slices for each category

A custom visual pie chart divides data into colored slices, each representing a category with size proportional to its share of the whole. Features include category labels, dynamic colors, interactive tooltips, and optional legends and animations. Users can click slices for filtering, making it ideal for visually exploring parts-to-whole relationships.

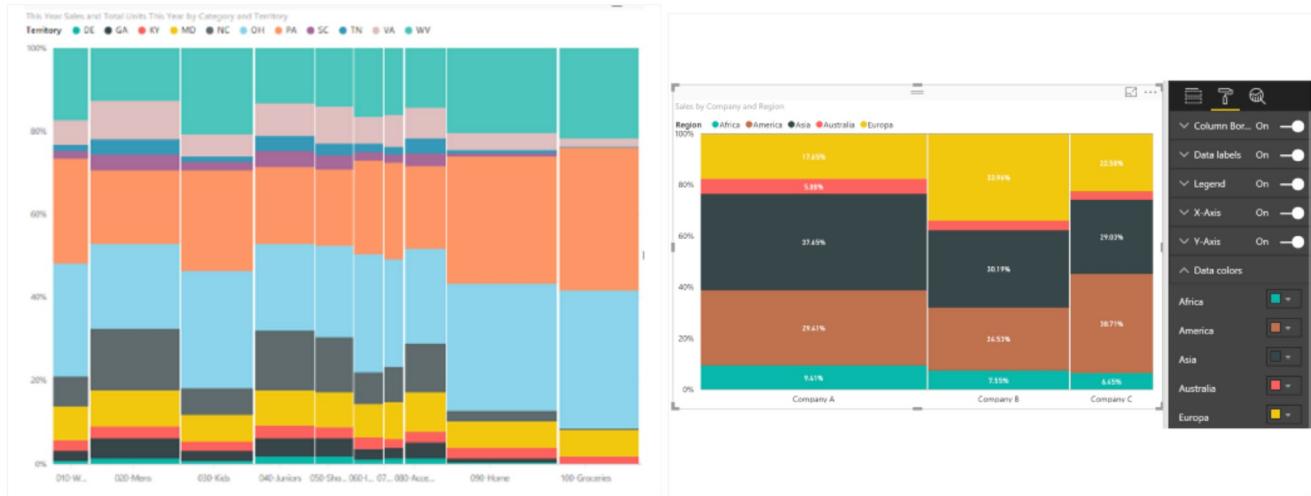
Types of users:

- 1) Data Analysts
- 2) Business Intelligence Developers
- 3) Financial Analysts
- 4) Power BI developers

Customer needs

- 1) Clear Category Representation:- Each slice should clearly represent a distinct category, with labels and colors that are easy to distinguish.
- 2) Interactive Tooltips:- Tooltips should display relevant data (category name, value, percentage) on hover to provide more detail without overcrowding the visual.
- 3) Slice Exploding:- Ability to highlight slices for categories of interest, enhancing focus on specific data points.
- 4) Adaptability to Dynamic Data:- The visual should automatically adjust as data updates, with slice sizes, colors, and labels

108 Mekko Chart



A mix of 100% stacked column chart and 100% stacked bar chart combined into one view

Since it captures two dimensions in one chart, you can quickly spot the large segments as well the ones that are underrepresented in one quick glance.

You can either use the same measure for the column height and width or use different ones depending on your need. Similar to a treemap, the dimensional values are represented by the length and width of each rectangle.

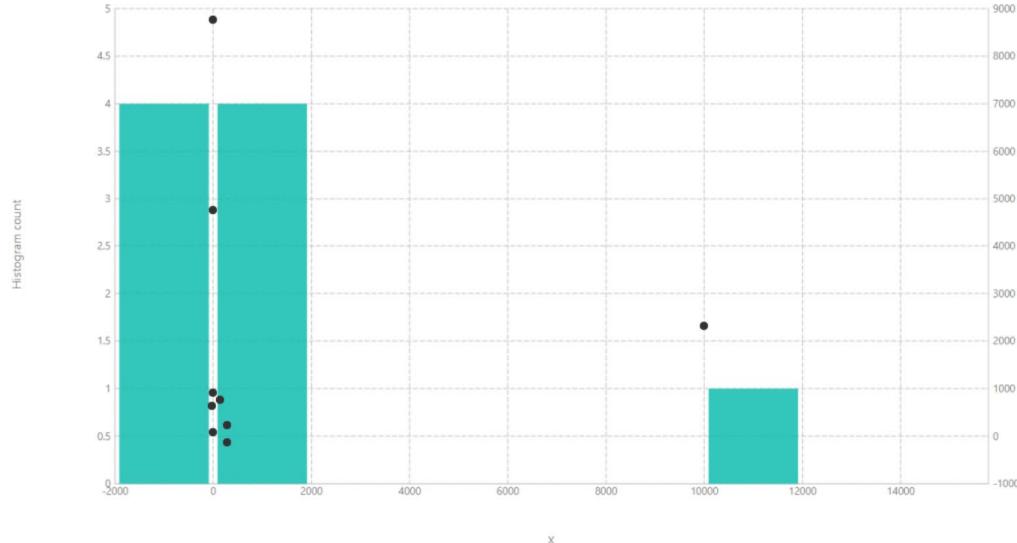
The width of a column is proportional to the total value of the column.

Segmentation and Pattern analysis are a big part of business analysis and with traditional charts you need to piece multiple individual items together in your mental map to draw conclusions.

For dealing with such complex business analysis involving multiple variables/dimensions, the iconic marimekko design is very appealing and the Mekko chart makes it super easy to achieve this in Power BI.

The Mekko chart visual also allows you to control the legends, data colors, and data labels for a truly customized presentation

109 Histogram with Points



MAQ Software

Histogram X-Y point and bar chart

Displays density of distribution using bars along with actual values represented by points

Traditional histogram charts illustrate the density of distributed data, but normally do not showcase specific values. Histogram with Points by MAQ Software addresses this issue by combining a histogram chart with points that show the actual data for each range. Easily track where data clusters (points) across your data distribution (bars) to identify patterns, trends, and areas of opportunity.

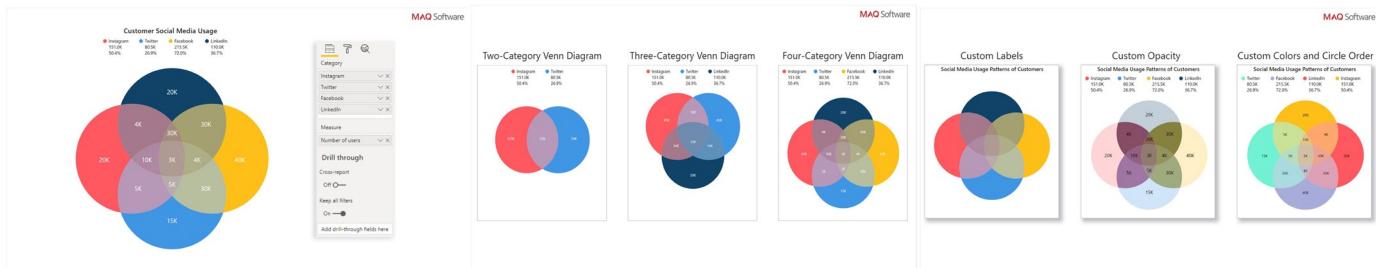
Business Uses:

- Research - Find homogenized populations of customers
- Marketing - Identify vital demographic clusters for promotional campaigns
- Administration - Display employee salary distribution and salary variation for individual employees

Key Features:

- Configurable points and histogram bars (show/hide them)
- Configurable X-axis, Y-axis-right, or Y-axis-left (show/hide them)
- Configurable gridlines (show/hide them)

110 Venn Diagram



Display the relationship between two or more datasets | PBI certified

Compare and contrast your data. Venn diagrams are a classic data visualization tool – a simple yet creative way to organize data and understand relationships within it. Venn Diagram by MAQ Software displays the logical relationships between a collection of data sets, each represented as a circle. Circle intersections highlight qualities shared by the overlapping data sets.

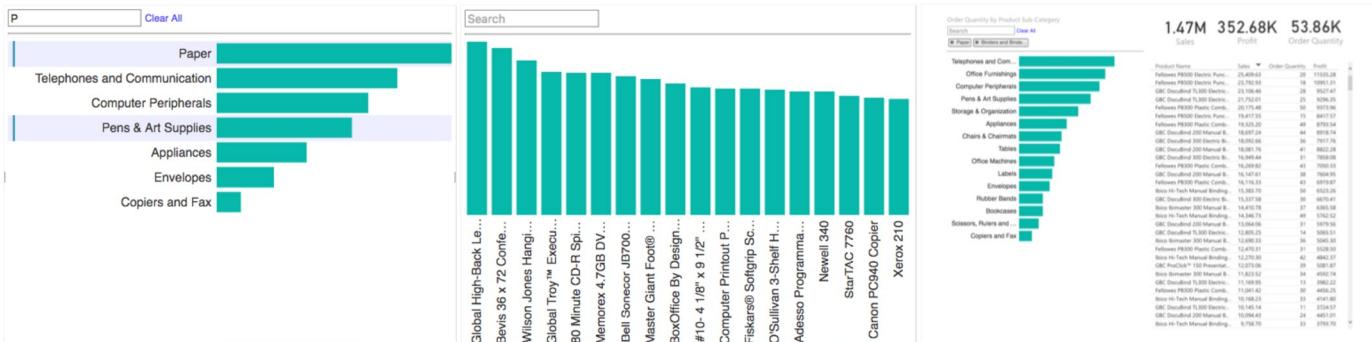
Business Use Cases:

- Marketing - Analyze what social media your target audience uses and where there is overlap
- Project Management - Showcase employee involvement across various products and projects to understand how teams overlap
- Sales - Understand the most important product attributes for customers based on survey feedback

Key Features:

- Labels for individual values and intersection values
- Legend order derived from the order of columns in the category field
- Customizable names and colors for each dataset

111 Attribute Slicer



Visualize and search large sets of data attributes easily.

This visual is currently in beta testing and is undergoing active development.

Attribute Slicer lets you filter a dataset on a given column by selecting attribute values of interest.

The initial display is a helpful overview that lists the most common values first and shows the overall distribution of values as a horizontal bar chart.

Whenever you select an attribute value, it is moved to the list of applied filters and all records containing that value are added to the result set for further analysis.

This is an open source visual.

112 Timeline Basic



Visualize your events in a timeline view.

TheraTraQ Timeline Basic chart represents a set of key events in a timeline view. The timeline axis shows years and quarters as ticks. The key events data are rendered as bubbles with a line that marks the timeline based on the date. If there are two events that are closer to each other, the visualization will create one bubble closer to the timeline axis and one little further so that it can show both data. The description of the event data will be rendered inside the bubble. It takes a dataset with columns such as Title, Description, Date, Event Type to render the visualization. It picks random colors for events.

The customization options are Description, Type, Date, Layout and Box Background.

Description: The value given in this option will be rendered as a description to the chart.

Type: This option used to specify the event types for the visual.

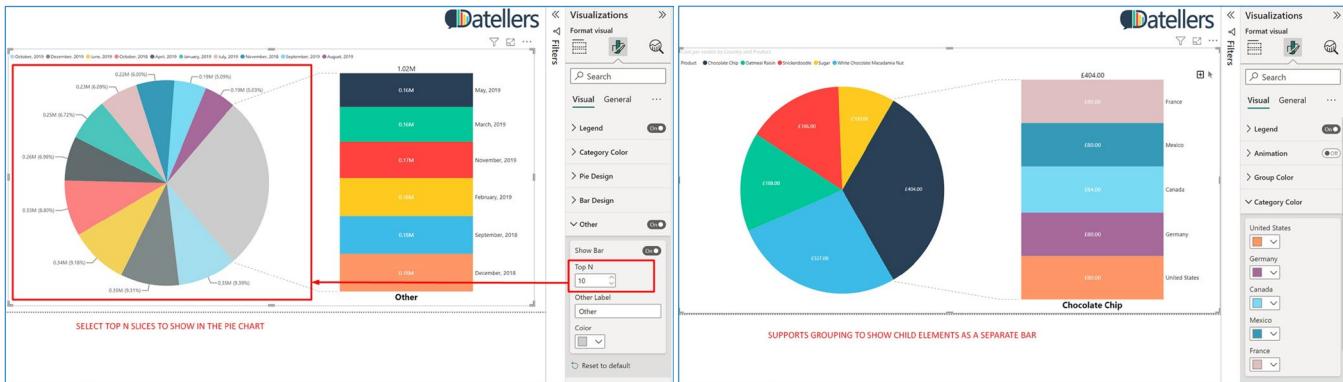
Date: This option used to specify the end event date for the visual.

Layout: TheraTraQ Timeline Basic has a capability of adding a header image to the top or bottom of the visualization. It takes two values header or footer. If the value is header the image will be added at the top of the chart and for footer it will be added at the bottom of the chart. If no value is provided, the chart will take the entire space for rendering.

Limitation: The chart will show a maximum of 100 events in the UI.

Restriction: The chart will show 1 year prior, current and 8 years in the future by default.

113 Datellers Bar of Pie



An Advanced Bar of Pie visual by Datellers

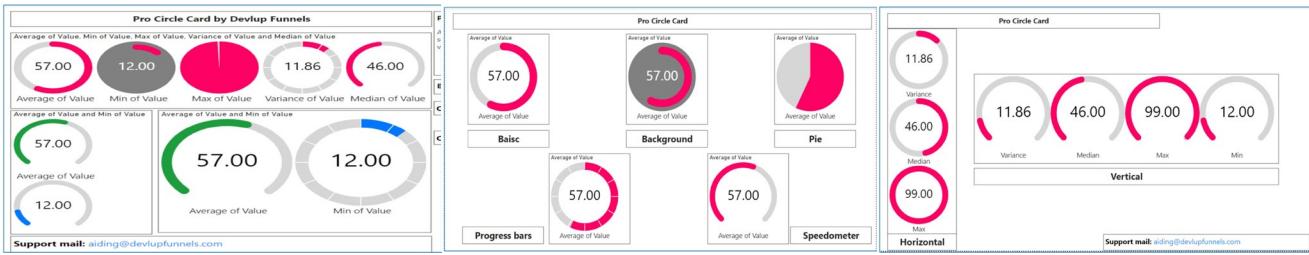
The Bar of Pie visual is an extremely handy visual, since it allows you to shift the smaller slices of the pie to a separate stacked bar chart.

The Bar of Pie chart is also way more area-friendly than a normal Pie Chart.

The Bar of Pie Visual can be used in 2 ways:

1. Top N Using the Top N functionality, one can select the Top Slices to show in the main Pie Chart on the left-hand side. The “Other” remaining elements are shown in a Stacked Power BI Bar Chart as a child chart located on the right-hand side.
2. Subgrouping Using the Subgrouping functionality, one can add a subcategory for each slice. The children for each slice can be seen at any point by just clicking on the slice. The visual also supports showing a default slice.

114 Pro Circle Card

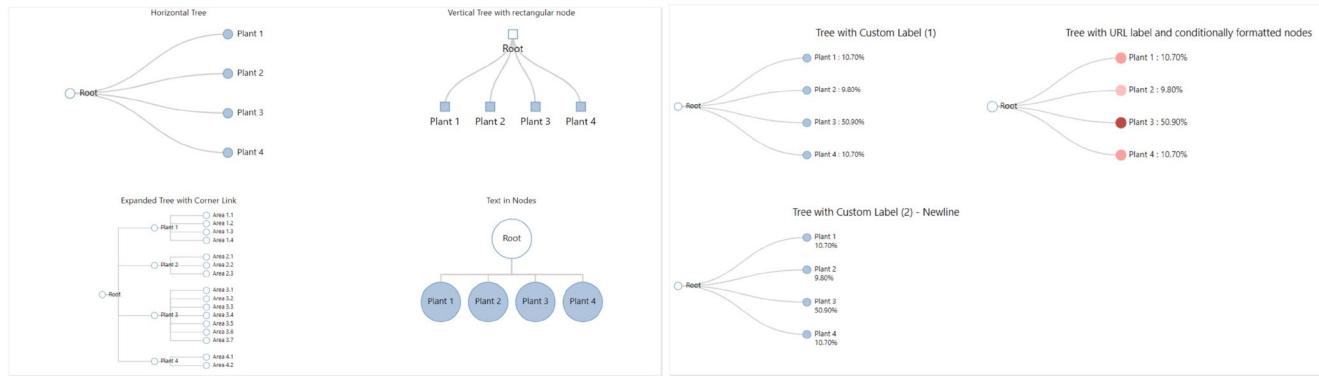


This chart visually illustrates the completion or progress of a task as a portion of a circle.

Pro Circle Card by Devlup Funnels is a versatile and dynamic card designed to visually showcase progress or completion using a circular representation.

1. This chart efficiently communicates percentages, making it ideal for displaying task completion, data ratios, or any value that can be represented as a portion of a whole.
2. With adjustable parameters such as size, color, text display, and even animation, developers can seamlessly integrate the Pro Circle Card into various projects.
3. With more than five circle styles to represent data and ability to show five circles in a single card makes it more unique and effective.
4. Ability to modify each specific circle with unique styles

115 Tree



Tree structure with customizable URL as well as various formatting and customization options

The Tree visual for Power BI provides an easy-to-use tree that is similar to the tree implementation in D3.js. It provides the basic tree structure navigation capability as well as a whole raft of options to configure and customize the tree such as

- vertical/horizontal orientation
- default expanded level
- default location
- custom label
- custom URL
- node shape and size
- display label within node
- line type for link
- conditional formatting for node

116 Image Carousel

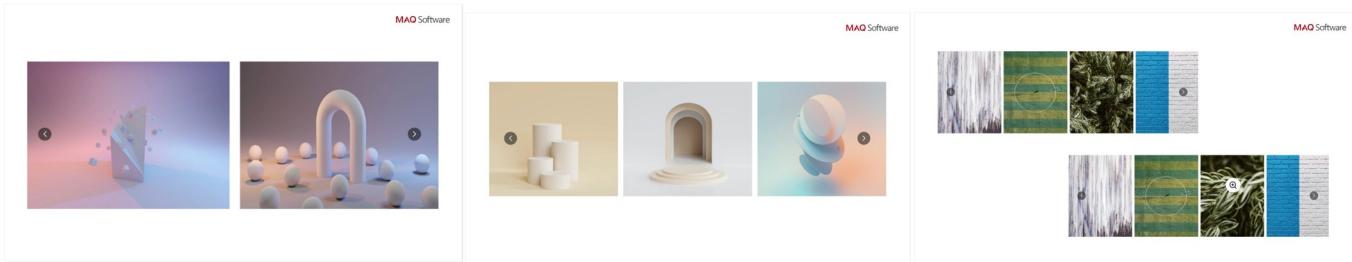


Image Carousel by MAQ Software

Power BI provides basic image display options, but when dealing with compact spaces or extensive image collections, you need more flexibility. Enter Image Carousel by MAQ Software—a dynamic solution that lets you cycle through up to ten images effortlessly. Whether you're showcasing new products, project progress, or captivating visuals, this visual has you covered.

Key benefits

- Auto-play functionality: Keep your audience engaged with automatic image transitions, complete with customizable intervals for a smooth viewing experience.
- Interactive controls: Navigate through images with ease using play/pause buttons and scroll arrows.
- High image capacity: Support for up to 10 images, catering to comprehensive visual storytelling or product displays.
- Interactive zoom: Dive deeper into details with hover-enabled image zoom, providing an immersive viewing experience.
- Fully customizable: Tailor the carousel to match your report's theme with customizable layouts and themes, ensuring a seamless integration into your data visualization.

117 Enlighten World Flag Slicer

Medals by Country, Top 3 Countries



70 medals



121 medals



67 medals

- 1) Only the Country field is required
- 2) You can use common English country names for the Country code field, or alternatively you can use the 2 letter ISO 3166-1-Alpha-2 country code.
https://en.wikipedia.org/wiki/ISO_3166-1_alpha-2
<https://raw.githubusercontent.com/datasets/country-codes/master/data/country-codes.csv>

- 3) You can also put a measure in for the Label field to show a value instead of the country name as seen on the left of this report (note you can get sneaky with DAX if you want to be more descriptive as seen here)
- 4) Flags resize dynamically to fit their container.
- 5) You can toggle a number of visual settings including font size, color, flag drop shadows.

Number of Medals



Australia



France



Germany



Great Britain



Italy



Japan



Russia



South Korea



United States

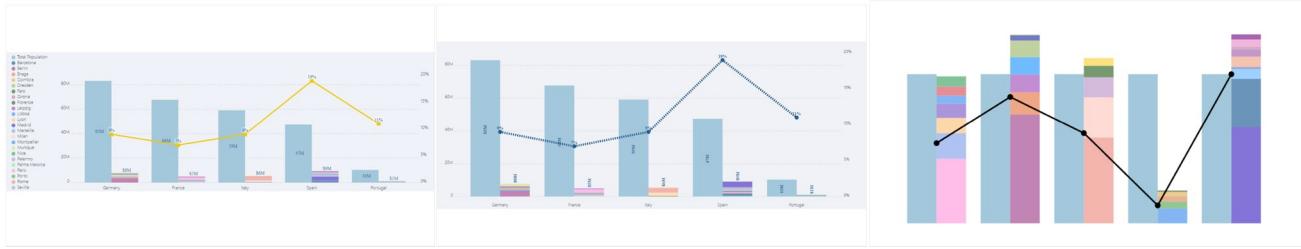


New Zealand

Create a visually compelling country slicer to filter your report.

Enlighten Designs is a Microsoft-based innovation studio specializing in the art of telling data-driven stories to deliver exceptional customer value. Starting back in September 2016 when Microsoft revealed the ‘Power BI Best Visual’ contest and our Enlighten Aquarium won a people’s choice award, we received an opportunity to be the delivery partner for Microsoft’s Data Journalism Program.

118 Stacked Bar Chart with Line



Clustered bar chart with the possibility to stack one of the bars

Improve the clustered bar chart stacking one of the bars. Stacked Bar Chart with Line by JTA - The Data Scientist's Visualization Tool

This powerful visual seamlessly merges the simplicity of a traditional bar chart with the versatility of a stacked bar, revolutionizing the way you showcase multiple datasets in a single, cohesive display.

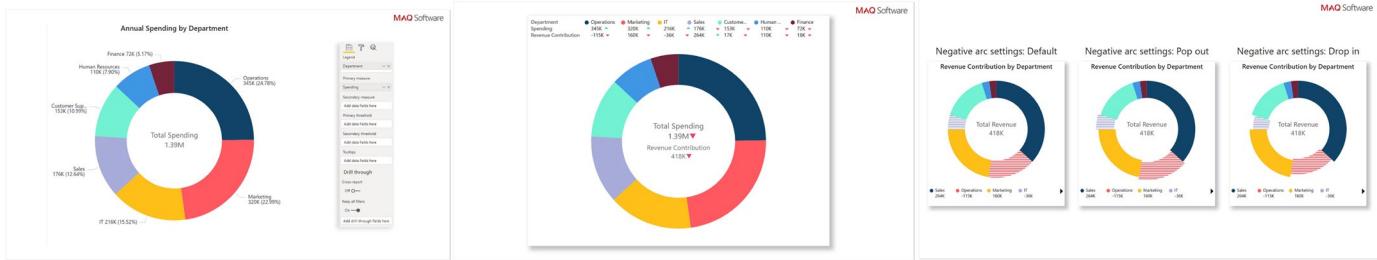
Unlocking a new dimension of insight, our visual features a dynamic line that provides a snapshot of data trends at a glance. Navigate through your data effortlessly with multiple configurations, gaining a swift and comprehensive understanding of your information.

Tailor your visual experience with an array of functionalities and customization options, enabling you to effortlessly compare a primary metric with the performance of an entire set. The flexibility to customize the visual according to your unique preferences empowers you to harness the full potential of your data.

Features of Stacked Bar Chart with Line:

- Stack the second bar
- Format the Axis and Gridlines
- Add a legend
- Format the colors and text
- Add a line chart
- Format the line
- Add marks to the line
- Format the labels for bars and line

119 Ring Chart



Understand the breakdown of your data PBI certified category

Ring Chart by MAQ Software breaks down large sums of data into smaller data slices. The size of each slice is relative to the data value. Ring Chart improves on the classic pie chart by providing an easy-to-read representation of your parts-to-whole data. The center of the ring displays a dynamic key performance indicator (KPI) and summary to enable insights at a glance.

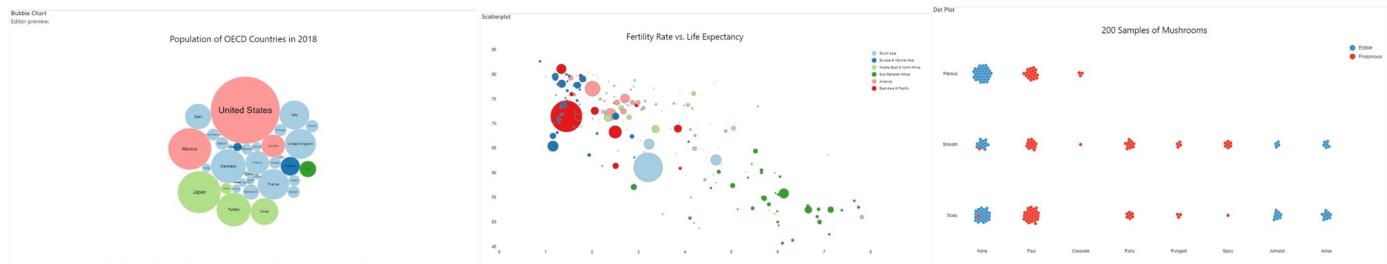
Business Uses:

- Sales – Analyze the contribution of different sales channels to total sales
- Marketing – Analyze the effect of global marketing across email, social media marketing, and print advertising campaigns
- Operations – Highlight department contributions to overall revenue

Key Features:

- Customizable legend
- Animation capabilities
- Support for positive and negative values
- Tooltip that showcases multiple data fields
- Bookmark support

120 Charticulator Visual Community (View)



Create custom and reusable charts right within Power BI

Charticulator (<https://ilfat-galiev.im/charticulator/>) is the no-code way to create custom and reusable chart designs. You can create a custom chart right within Power BI using the Microsoft Charticulator Visual, either from scratch or using a template. With this visual, you can export and import a chart design as a Charticulator template for future reuse. To learn about the core concepts, UI components, and basic interactions of Charticulator, please check out the Getting Started and Video Tutorials pages on the Charticulator website. Also note that many of the charts in the Gallery page have an associated video of their creation process. Charticulator is compatible with the latest version of Microsoft Edge, Google Chrome, and Mozilla Firefox, but not with Edge Legacy and Safari.

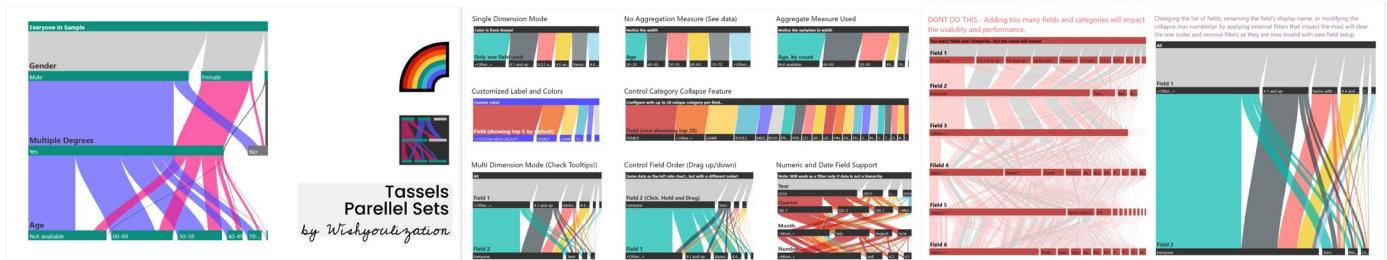
This version of the visual doesn't support built in editor.

The purpose of the visual is display ready template built by using original Charticulator visual or new version of Editor visual.

Change log and difference from original Charticulator:

- Packing inside group
- Add color filter for image on selection
- Fix restoring properties for nested chart
- Catch exception on detect changes that breaks entire editor
- Reuse hex code from dataset for scales
- Render axis gridlines even axis is invisible
- Allow to convert time to local time zon
- Remove removing tick format for categorical and ordinal data kind
- Fix ordering expression for axes

121 Tassels Parallel Sets Slicer



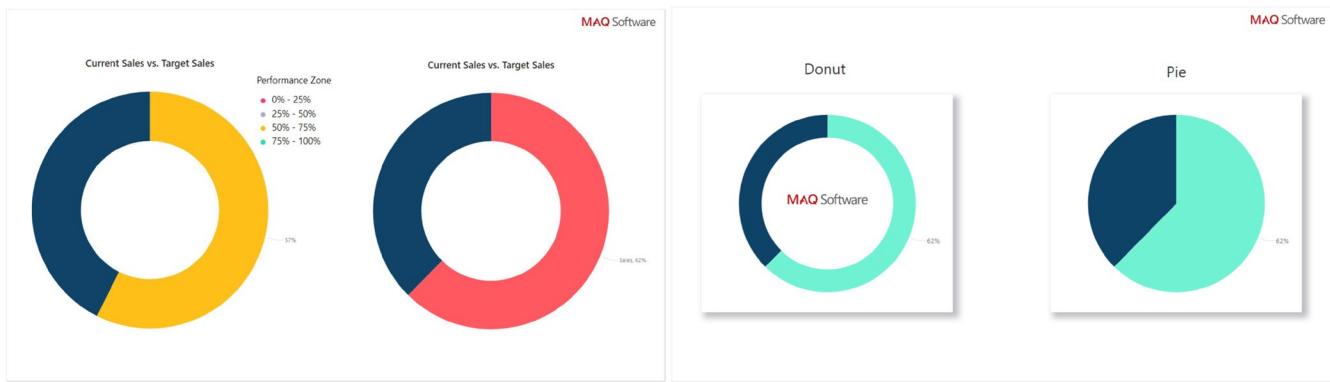
An interactive parallel sets based visual slicer for exploring multi-categorical data.

A parallel sets chart is useful for visualizing categorical data, like census, survey data, inventory, etc., that can be summed up in a cross-tabulation in a simple, interactive way to explore and analyze it, but the Tassels Slicer has additional functionality to toggle on/of categories in a dimension to use this as a slicer to filter the report page.

If your dataset has multiple dimensions (columns), you would like to know the breakdown of each dimension and what are the major categories (distinct values) in each dimension, typically you would also add multiple slicers on the page to filter them, but to understand relationships among categories from different dimension you would need to use a Sankey diagram or a bowtie like visual, but for meaningful insights you often require exploring this feature across more than two dimensions and also measure the impact of these on other charts.

The Tassels Slicer does all the above and along with having many customization options to create a bespoke infographic dashboard. For examples and detailed tips on usage please check the sample report.

122 Circular Gauge



Circular Gauge by MAQ Software

Circular Gauge by MAQ Software changes how you visualize progress towards your goals. Whether you're measuring actual values or their percentage against a target, our versatile visual offers both pie and donut chart formats for a clear, impactful display. Set and compare thresholds effortlessly, elevating your data analysis experience.

Key benefits

- Dual color display: One color for actual progress, another for the target.
- Progress percentage: Display progress as a percentage of your target.
- Customization options: Tailor text size and ring thickness to your preference.

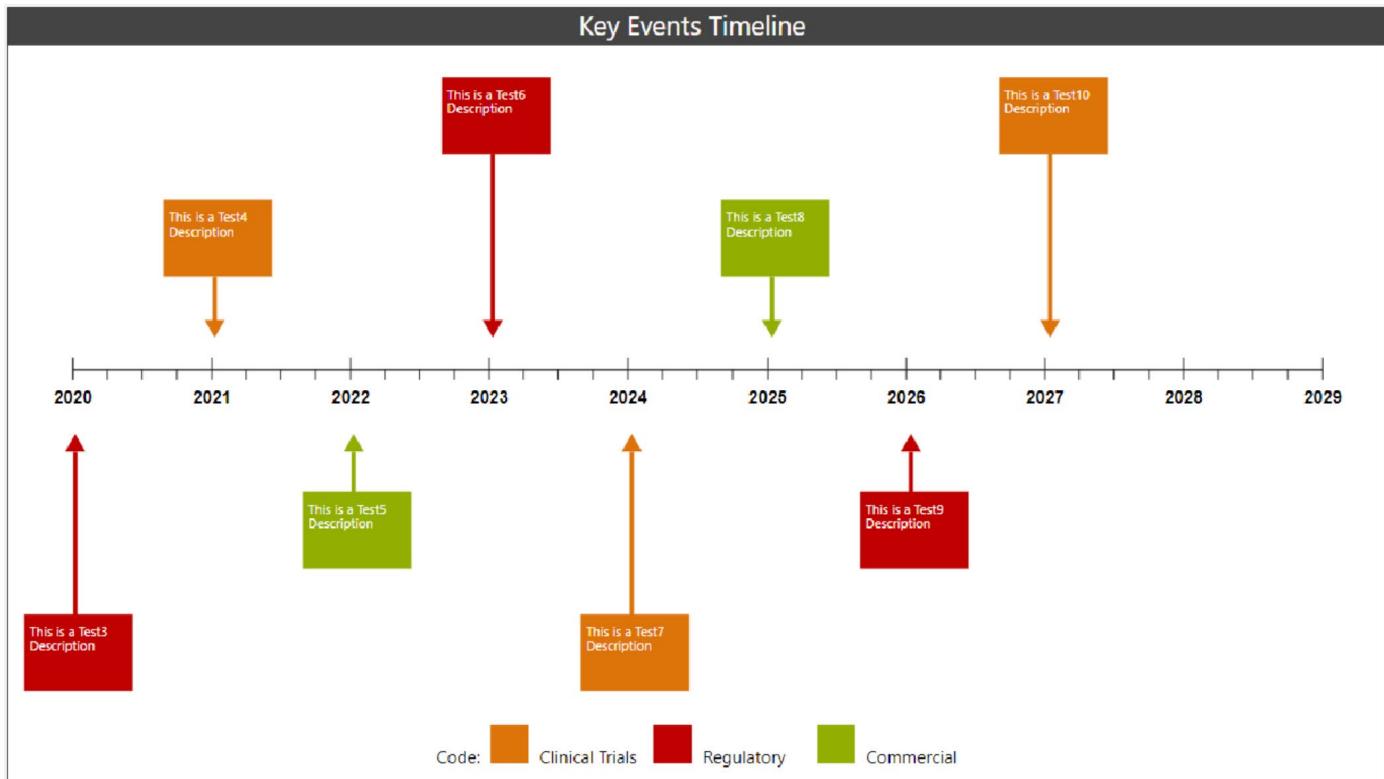
What's new (Version 4.0.0)

- Improved interactivity: Integration of context menu for a seamless user experience.

Use cases

- Sales teams: Contrast actual yearly sales with your pre-set targets.
- Marketing departments: Visualize key metrics like target conversions and impressions against actual figures (i.e., use Circular Gauge to show how many conversions and impressions you have achieved from your marketing campaigns, and how they compare to your expected outcomes).
- Human Resources: Monitor the success of internal campaigns by comparing total employee numbers to those successfully onboarded.

123 Timeline Box



Timeline Box chart represents a set of key events in a timeline view. The timeline axis shows years and quarters as ticks. The key events data are rendered as bubbles with a line that marks the timeline based on the date.

If there are two events that are closer to each other, the visualization will create one bubble closer to the timeline axis and one little further so that it can show both data.

The description of the event data will be rendered inside the bubble. It takes a dataset with columns such as Title, Description, Date, Event Type to render the visualization.

It picks random colors for events. The customization options are Description, Type, Date, Layout and Box Background. Description: The value given in this option will be rendered as a description to the chart.

Type: This option used to specify the event types for the visual.

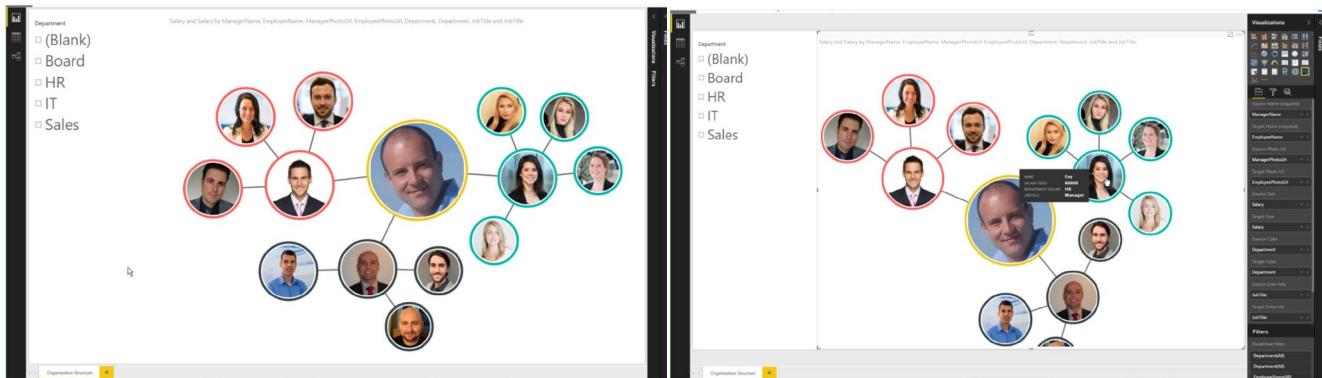
Date: This option used to specify the end event date for the visual.

Layout: TheraTraQ Timeline Box has a capability of adding a header image to the top or bottom of the visualization. It takes two values header or footer. If the value is header the image will be added at the top of the chart and for footer it will be added at the bottom of the chart. If no value is provided, the chart will take the entire space for rendering.

Limitation: The chart will show a maximum of 100 events in the UI.

Restriction: The chart will show 1 year prior, current and 8 years in the future by default

125 Social Network Graph

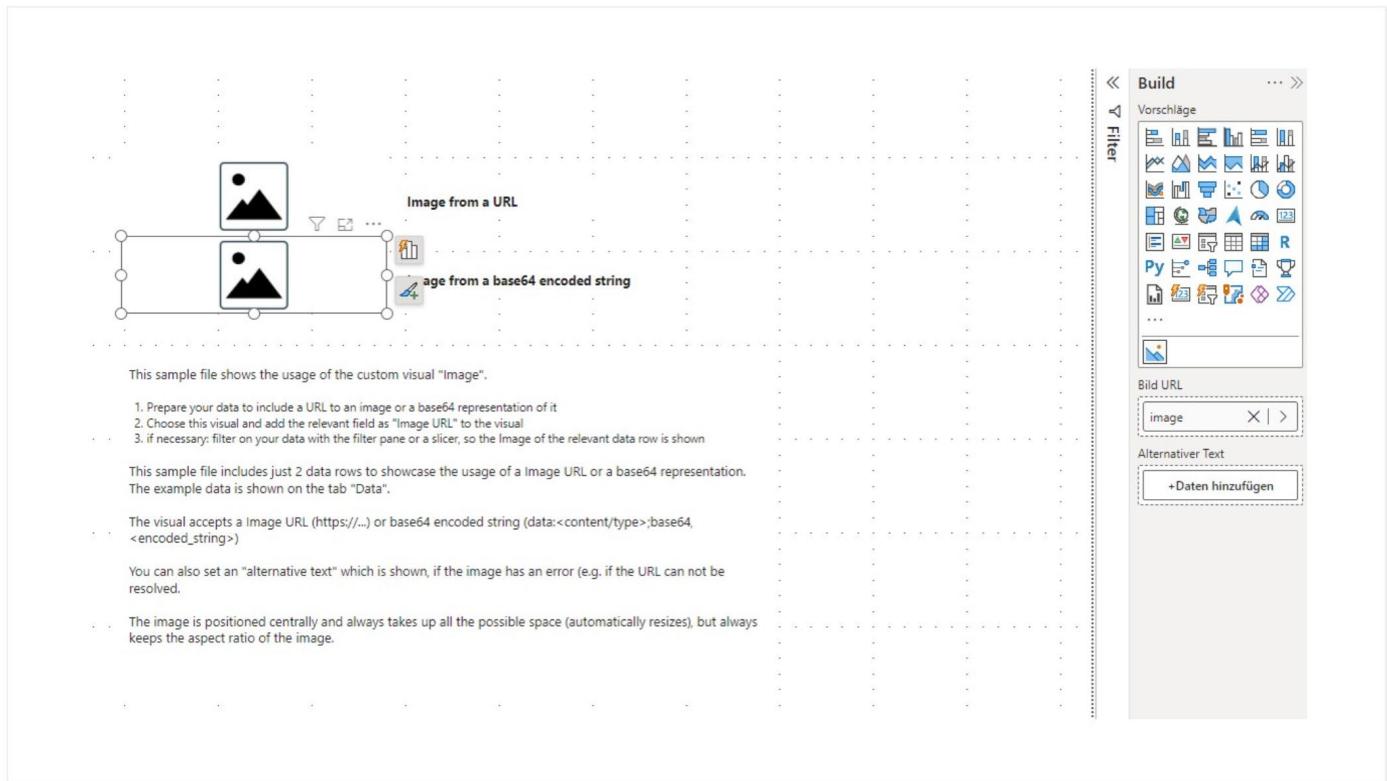


Visualize social networks like facebook, linkedin or organization graphs.

Use the People Graph Custom Visual to visualize social networks like:

- Facebook friends
- LinkedIn connections
- Organization Structure
- Stakeholder relationships

126 Image



Display images of your data just with one click - image URLs or base64 encoded

Display images of your data just with one click e.g. pictures, logos, etc.

Whether it's an Image URL or a base64 encoded string representation of an Image.

Features:

- works great in combination with slicer and other filters.
- always keeps the aspect ratio while resizing.

127 Waffle Chart



0x10 customizable grids of icons to visually represent and compare raw data values as a percentage.

The Waffle Chart is an attractive 10x10 grid in which each cell represents one percentage point.

So, a block of 43 highlighted cells represents 43%. The default icon is a circle, but this can be customized using SVG paths (to convert an .svg file go to <http://kiewic.com/paths>).

Data sets with multiple values can be displayed by multiple Waffle Charts for easy comparison. You can use Power BI to query the waffle chart data set. The user has full control of icon colors.

Multiple Waffle Charts are displayed in a matrix which is responsive to a user- and/or device-defined window. By default, if all values are 100 or less, they are percentage values.

However, if any value is above 100, the largest value becomes the new 100% and all percentages are calculated relative to it. Optionally, for more control, the "Max Values" role can be used to set the maximum value for calculating the percentage ($\text{raw value} * 100 / \text{max value}$).

For raw values that are negative, the "Min Values" role can be set to define the low end of the range. The absolute value of the range is then used to calculate the percentage values as above.

128 Journey Chart



Transform dense statistical data into a network of categories and relationships.

Journey Chart by MAQ Software enables users to clearly display complex, multi-stage lead paths. In this visual, nodes represent categories and vertices represent relationships between categories. The bigger the node or vertex, the larger the value. Customizable node colors make distinguishing between categories easy. Explain process flow, uncover underlying patterns, highlight subcategories stemming from a single source, identify connections between categories, and more with this clear, uncluttered visual.

Business Uses:

- Market Research: Uncover the underlying patterns of subject responses to products
- Leadership: Break down complex, multi-team process flows to identify performance optimization opportunities and key relationships
- Recruitment: Highlight candidates' strengths, weaknesses, and other relevant traits

Key Features:

- Text labels and tooltips with information such as title or value
- Customizable colors and sizes for text labels
- Option to add a legend to clarify complex graphs

129 Thermometer



Visualize your progress towards a target goal with Thermometer by MAQ Software. This visual offers you at-a-glance insights into your KPIs.

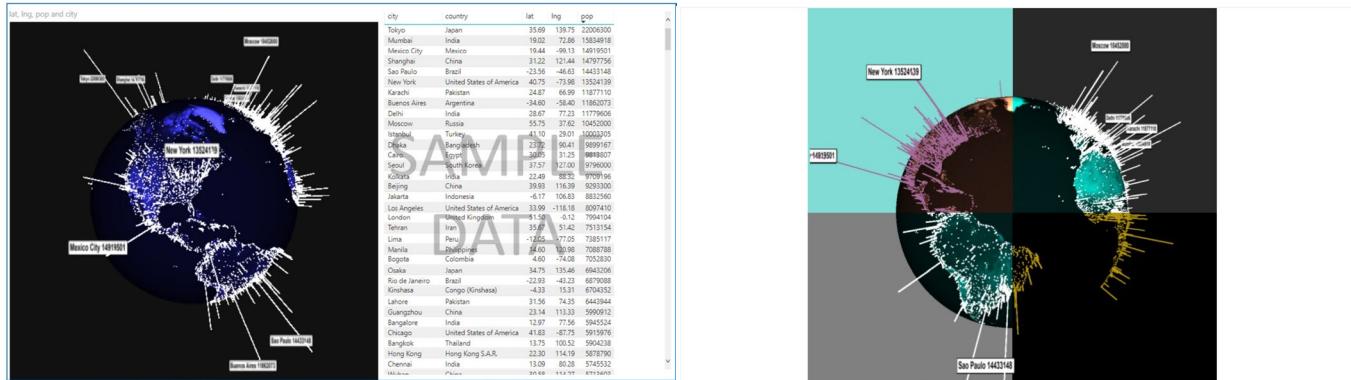
Business Uses:

- Manufacturing - Track inventory levels, throughput, rate of return, maintenance costs, uptime, average delivery time, and average number of shipments
- Human Resources - Track average attendance, employee turnover, and employee satisfaction

Key Features:

- Customizable fill and border color
- Editable minimum and maximum values (of the scale)
- The tick bar can be turned off for a minimalist look

130 Globe Data Bars



An interactive and customizable 3D globe with data bars & tooltips

Globe Data Bars is a free visualization that lets you create an interactive globe of data.

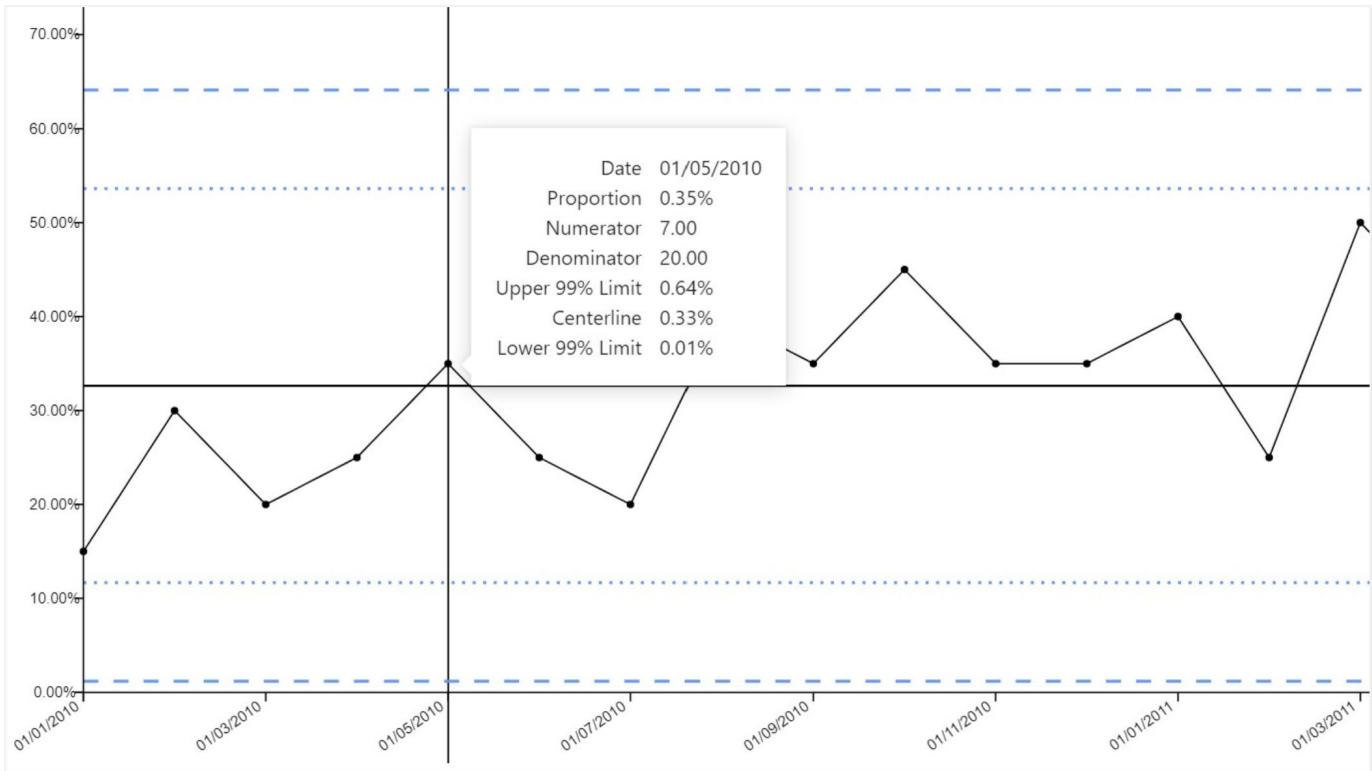
Supply the visual with Latitude/Longitude coordinates, as well as a data value and name for that location, and you will quickly have a global view of your data.

By default, up to the top 10 values you input will have a name and value turned into a floating tool-tip above the corresponding data bar.

For even more customization, give the visual your choice of a background color, global lighting, number of visible tool tips, and the overall data bar color.

The visual is powered by WebGL.

131 SPC Charts for PowerBI



Identify outliers in process data over time

Statistical Process Control (SPC) charts are a popular tool for monitoring outcomes over time.

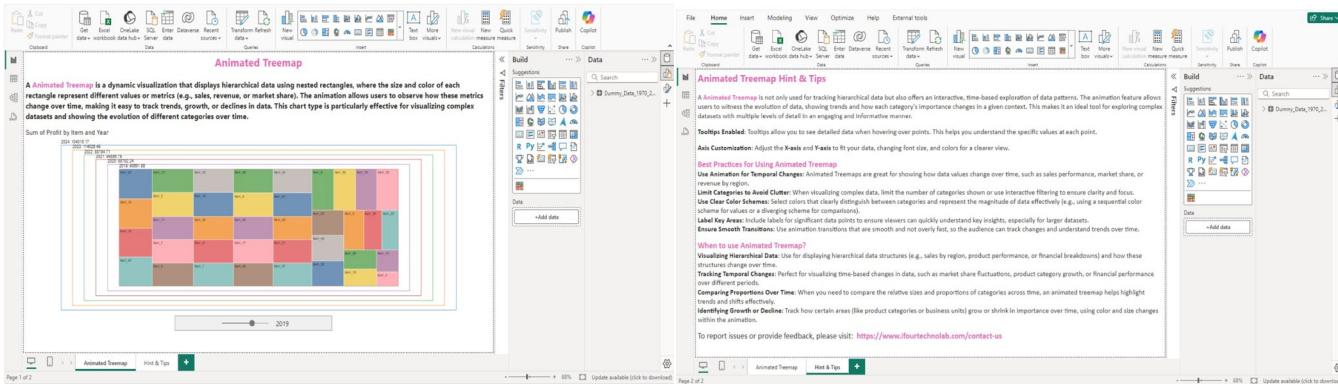
These charts allow you to identify whether a given observation is likely to be statistically different from the others, after accounting for the uncertainty due to differing/limited amounts of observations, by drawing "control limits" within which 99.8% of observations are expected to fall.

The visual is implemented purely within PowerBI and has no dependencies on external programs like R or Python. The visual natively supports tooltips as well as cross-plot filtering and highlighting.

The following chart types are (currently) implemented:

- run: Run Chart
- i: Individual Measurements (AKA XmR)
- mr: Moving Range of Individual Measurements
- p: Proportions - p': Proportions with Large-Sample Correction
- u: Rates - u': Rates with Large-Sample Correction
- c: Counts - xbar: Sample Means
- s: Sample SDs
- g: Number of Non-events Between Events
- t: Time Between Events

132 Animated Treemap



Dynamic visualization that displays hierarchical data using nested rectangles

Animated Treemap is not only used for tracking hierarchical data but also offers an interactive, time-based exploration of data patterns. The animation feature allows users to witness the evolution of data, showing trends and how each categories importance changes in a given context. This makes it an ideal tool for exploring complex datasets with multiple levels of detail in an engaging and informative manner.

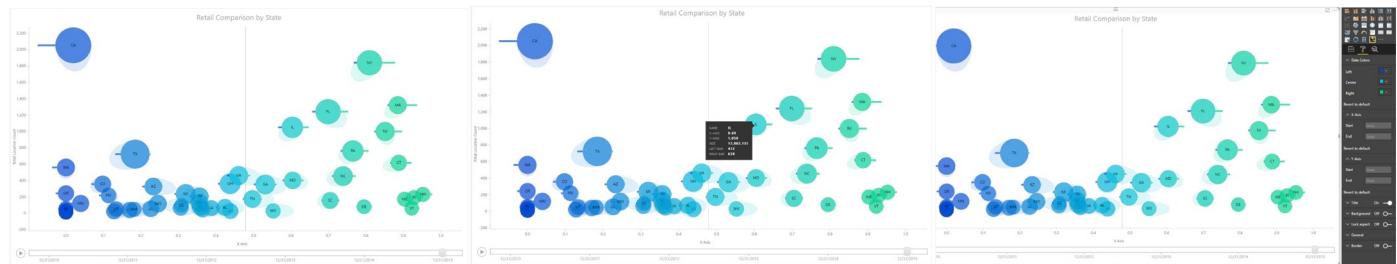
Key Feature

- Hierarchical Data Representation : Treemaps display data in a hierarchical structure, with each level represented by a colored rectangle. The size of each rectangle is proportional to a specific measure, such as sales or revenue
- Color Coding : colors to represent different categories or measures, making it easier to identify patterns and trends
- Tooltips : Tooltips allow you to see detailed data when hovering over points. This helps you understand the specific values at each point. also user can customize Background color ,font color , font size , font color , Position ,Display Unit and Decimal places

Business Use Cases

- Sales Analysis : Animated Treemaps are ideal for analyzing sales data by different categories, such as product types or regions. For example, you can visualize the sales performance of various product categories and identify the top-performing ones.
- Market Share Analysis : They can be used to display market share data, showing the proportion of sales or revenue contributed by different companies or product.
- Resource Allocation : Animated Treemaps help in visualizing resource allocation across different departments or projects, making it easier to identify areas that require more attention or resources.
- Financial Data : They are useful for displaying financial data, such as revenue or expenses, across different categories or time periods.

133 Impact Bubble Chart



Advanced bubble chart, used to compare two entities against each other.

Using the position of the bubbles in X/Y space, along with the optional left and right bars this chart can be used to compare relative data from either entity.

Unique to this chart, the “tails” on each bubble give an indication of change in data from the previous data point (see Play Axis below). The chart supports Name, numerical X-Axis and Y-Axis, and optional Bubble Size, Left Bar, Right Bar and a Play Axis.

Bubbles are categorized by Name and can be grouped by the Play Axis (typically a time-based measurement). When a Play Axis is provided, a slider is displayed below the chart that allows the user to move to the Next or Previous Play Axis item and a play button allows the user to continuously loop through the Play Axis items until paused.

One intended example would be a comparison of two retail companies and their performance in all the US States. Each state (Name) would have data describing performance (X-Axis) in that state, how important that state is (Y-Axis) considered by the two companies (e.g. the total number of locations that both companies have in that state), how large the potential market (Bubble Size) is (e.g. the state's population), and how many locations each company has in that state (Left Bar and Right Bar).

By providing this data across multiple dates (Play Axis), you can see how the companies compare against each other over time.

134 Summary Table

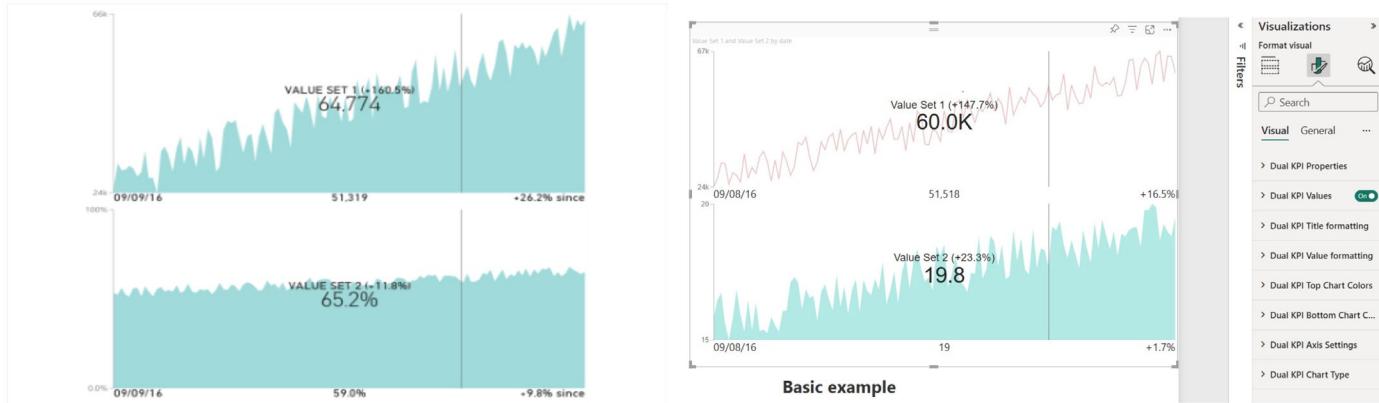
Amounts in k\$	2016	2017	2018	Amount	Budget	
Operating revenues	\$15,570	\$20,477	\$25,902	Operating revenues	\$61,949	\$62,257
Other Revenues	\$2,089	\$2,010	\$1,891	Other Revenues	\$5,990	\$6,004
Total revenues	\$17,659	\$22,487	\$27,793	SUM OF REVENUES	\$67,939	\$68,261
Operating expenses	\$1,780	\$1,975	\$2,605	Operating expenses	\$6,360	\$6,515
Direct expenses	\$400	\$499	\$851	Direct expenses	\$1,750	\$1,758
Other expenses	\$307	\$307	\$513	Other expenses	\$1,127	\$1,117
Total expenses	\$2,487	\$2,781	\$3,969	SUM OF COSTS	\$9,237	\$9,390
Net income	\$15,172	\$19,706	\$23,824	Interest income	\$2,972	\$2,961
Interest income	\$1,309	\$1,077	\$586	Interest expenses	\$1,659	\$1,691
Interest expenses	\$458	\$839	\$362	SUM OF FINANCIAL INVESTMENTS	\$1,313	\$1,270
Total financial investments	\$851	\$238	\$224	BUSINESS RESULTS	\$60,015	\$60,141
Net income after financial investments	\$16,023	\$19,944	\$24,048			

Renders a table with summary rows and make it possible to apply custom styles to any row and column.

The summary table is a custom visual that allows you to define tables with summary rows and custom styling.

The most common scenario for using this custom visual is to create various income statement reports.

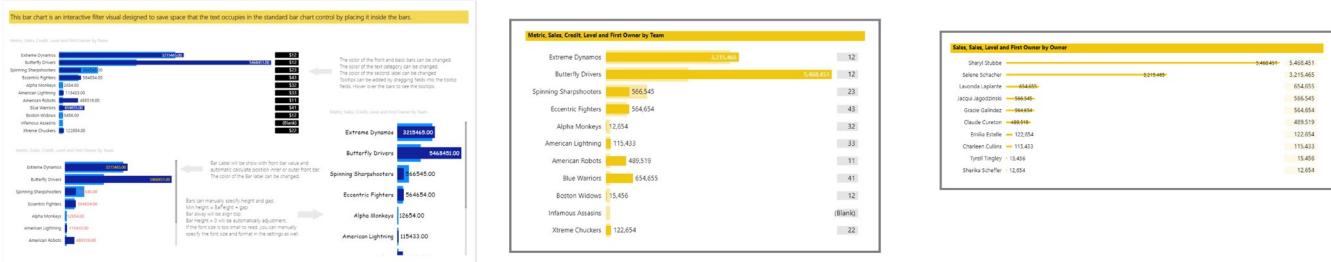
135 Dual KPI



Efficiently visualizes two measures over time, showing their trend on a joint timeline

- Visualize each KPI as a line or area chart.
- Dynamic behavior displays historical values and highlights changes from the latest data on hover.
- Icons and labels provide KPI definitions and indicate data freshness.
- Customizable colors, titles, axis properties, and tooltips for enhanced clarity and visual appeal.
- Ideal for creating functional, executive-level dashboards.

136 Horizontal Bullet Chart with Label



The bullet chart displays multiple measures in a single visual

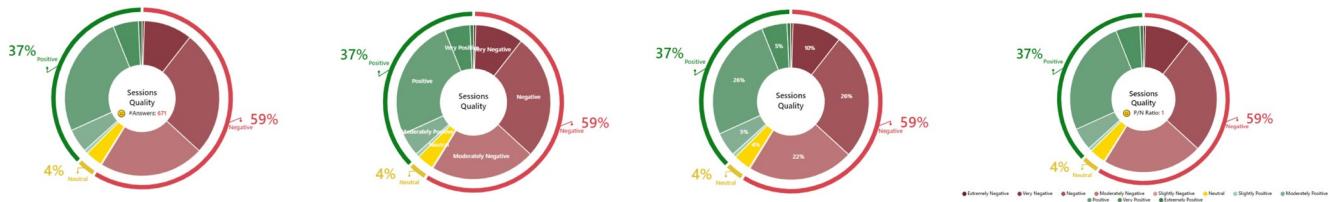
Inspired by Horizontal Bar Chart, the bullet chart displays multiple measures in a single visual.

The custom visual is designed to present significant information in a single visual and to easily convey the insight.

It can render single or multiple values in a series and show comparison values, and different targets.

The second label can be used to show the significant information related to the other values to deliver an important details.

137 Donut Chart



An innovative visualization tool that segments data into three clear categories: Positive, Neutral, and Negative. This format is particularly effective for sentiment analysis, offering clear insights into the overall distribution of opinions or data points.

Enhance your data visualization effortlessly with this versatile tool.

Key Features:

- Personalize Colors: Tailor the look of your chart by adjusting the color scheme of each slice to reflect your brand or style.
- Customize Text: Make it uniquely yours! Modify titles, legends, values, and percentages, adjusting margins, colors, fonts, and alignments to perfectly match your design preferences.
- Shape the Visual: Personalize the entire chart—adjust the circumference, tweak the colors, and refine the overall look and feel to suit your needs.
- Target Comparison: Easily compare your metrics against specific targets for clearer insight.
- Icon Customization: Set your own indicators! Choose custom icons to represent performance below or above your target.
- Conditional Formatting: Effortlessly apply color-coded formatting to highlight how values measure up against their target.
- Animation Control: Smooth transitions! Enable or disable animations to enhance or streamline your visual experience.

138 Count Down Timer

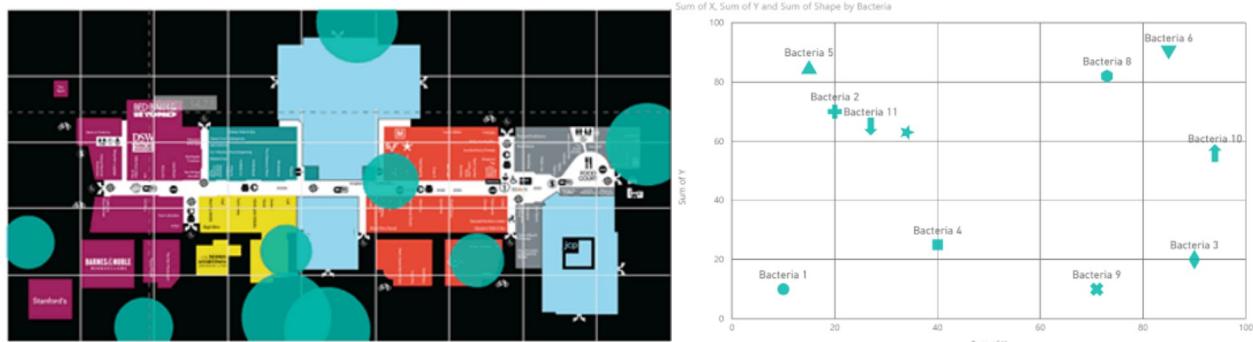
The screenshot shows a Microsoft Power BI report interface. On the left, there is a visualization titled "Days Until The Microsoft Data Insight Summit" displaying a count-down timer in a 4-digit format: 66 : 08 : 38 : 07. Below the timer, there are four categories: Days, Hours, Minutes, and Seconds. On the right, there is a "Visualizations" pane with a "Countdown properties" section. This section includes fields for Day (12), Month (6), Year (2017), Hour (0), Minute (0), and Second (0). There are also buttons for "Revert to default", "Text Properties", and "Title" (which is turned "On").

Basic timer that continuously counts down to a specified date and time

This countdown timer allows you to include a continuous count down to a specified date and time within a report.

Use it to keep report or dashboard viewers aware of important upcoming dates like events or product launches. Basic formatting for the date and time is supported.

139 Enhanced Scatter



Includes improvements to the existing scatter chart visual

Enhanced Scatter introduces a few more properties that were added on top of the existing scatter chart visual, including shapes as markers, background image support, and developer crosshairs for positioning elements onto an image background.

This is an open source visual.

140 Grid

The image displays three separate instances of the MAQ Software Grid component:

- Sorting:** A grid showing sales data by year, quarter, month, and sales amount. The "Quarter" column is highlighted with a red circle, indicating it is the current sort column.
- New Store Opportunities:** A grid showing new store opportunities across different countries, cities, risk levels, and including a small map icon for each entry.
- Annual Sales (2019-2021):** A grid showing annual sales data from 2019 to 2021, broken down by year, quarter, month, and sales amount. The "Year" column is highlighted with a red circle.

Navigate large data sets with ease by showcasing data in a paginated, sortable grid | PBI certified

Focus on the most important items in your agenda. Grid by MAQ Software enables you to present large volumes of data from a complex data set as a simple, sortable grid. Grid offers customizable pagination, which facilitates navigation. Grid also offers a sort function, which enables you to sort data based on any column.

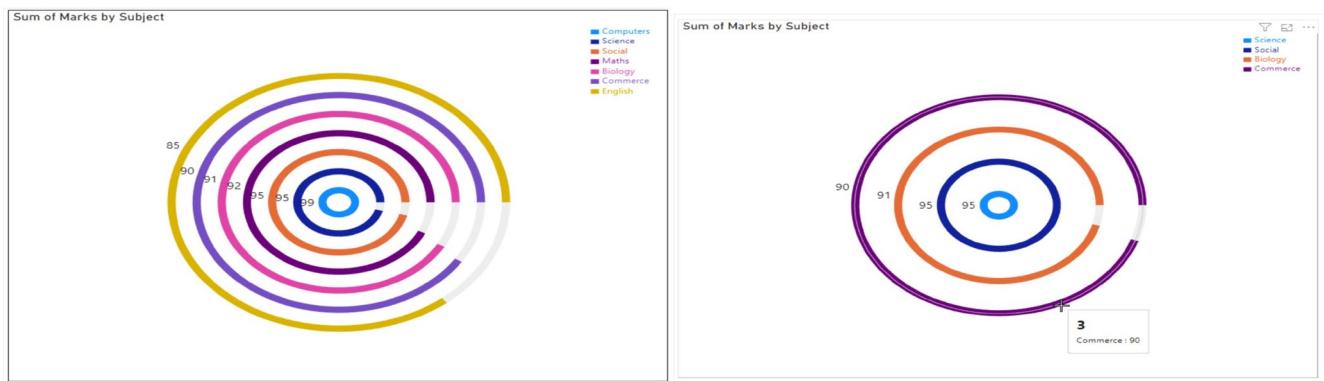
Business Uses:

- Leadership – Navigate Power BI reports for key data while retaining necessary context
- Sales – Sort through global data across multiple geographies and demographics
- Customer Support – Easily track specific products, features, customers, and support tickets

Key Features:

- Support for image URLs
- Support for multiple data formats including CSV
- Support for special characters

141 Radial Chart by Devlup Funnels



Radial bar charts provide a visually engaging depiction of categorical data through their circle.

The Radial Bar Chart by Devlup Funnels is a variation of the traditional bar chart that displays data in a circular or radial layout.

The chart consists of a central point or axis from which bars radiate outward in a circular manner, similar to the spokes of a wheel.

Each bar in the Radial Bar Chart represents a category or data point, and its length or height corresponds to the value or magnitude of that data point.

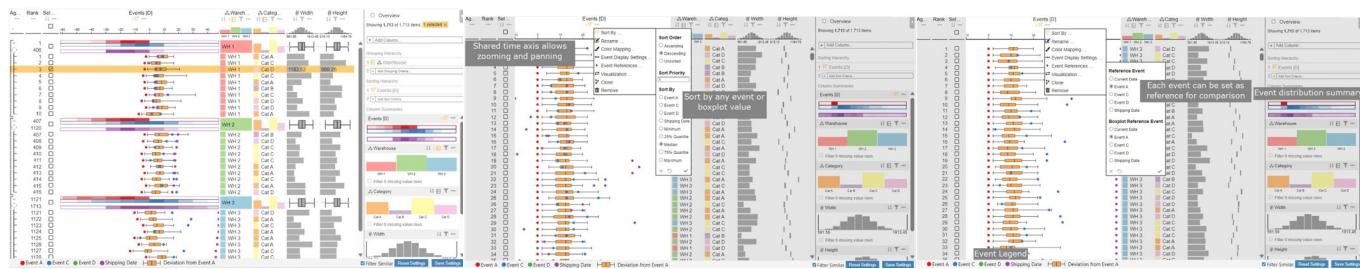
The bars are positioned evenly around the central axis, creating a visually appealing and compact representation of the data.

The Radial Bar Chart is particularly useful when comparing multiple categories or data points simultaneously.

It allows users for easy identification of the highest or lowest values and enables users to quickly discern patterns or trends within the dataset.

Radial Bar Chart offers customization options for colors, labels, tooltips, drill-through and other visual aspects

142 Event Table Viewer



Comparison of event sequence, categorical, and numerical data in an interactive tabular layout.

The Event Table Viewer is a visualization for analyzing event data along with categorical and numerical data columns in a tabular layout.

Multiple event types can be displayed per row on a shared time scale.

Events can be aligned by one event type and sorted.

A boxplot shows the event distribution of similar data for comparison.

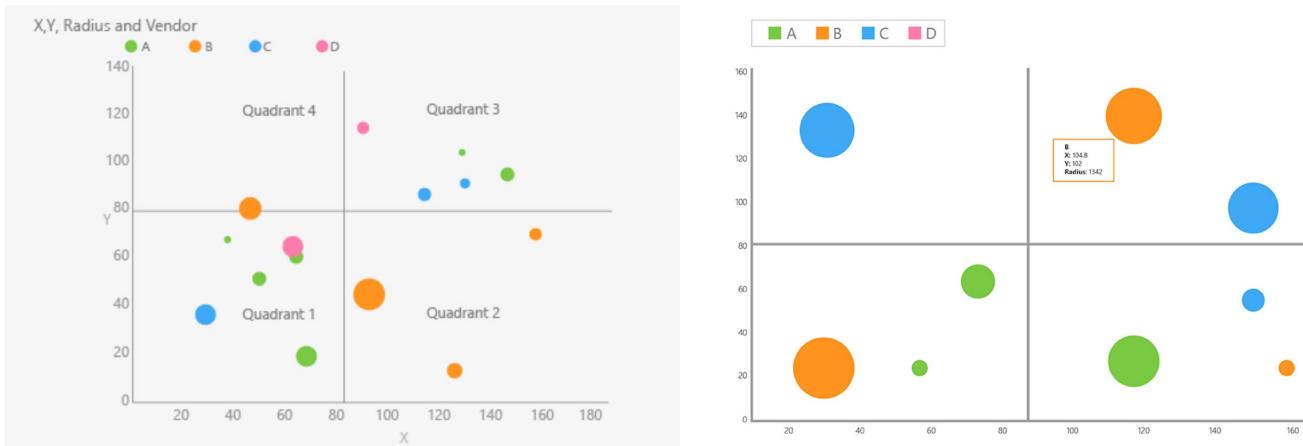
The table can be grouped, sorted and filtered by multiple columns.

types for cells, group summaries and column summaries can be customized for each column.

A detailed documentation can be found here: <https://jku-vds-lab.at/pro2future-event-table-viewer/>

The visualization is based on an extended version of LineUp.js (<https://lineup.js.org/>).

143 Quadrant Chart



Represent data in separate quadrants to show distribution and items that share common traits.

Represent large quantities of information in a compact space. Quadrant Chart by MAQ Software is a bubble chart with a background divided into four equal sections. This visual is useful for plotting data that contains three measures using an X-axis, a Y-axis, and varying bubble sizes that represent the value of the third measure.

Quadrant Chart by MAQ Software is useful for showing relationships. Divide the four sections of the chart to rate performance as bad, good, better, or best.

Business Uses:

- Sales – Showcase the relationship between production costs and gross profit, using the bubble size to represent units sold
- Marketing – Highlight the effect of advertising expenditure on product sales, using the bubble to represent conversions
- Finance – Represent the regions where your product sells best, breaking down success by sales and quantity of store fronts

Key Features:

- Customizable bubble colors
- Formatting options for quadrants and quadrant lines including naming for each quadrant, X-axis division line, Y-axis division line, and a choice of dotted or solid lines
- Custom title, labels, display units, and decimal points for each axis
- Supports context menu

144 Adaptive Cards

The screenshot shows a list of four adaptive cards on the left and a detailed card on the right.

Left Side (List of Cards):

- ADA -3.81% ▼**
Cardano
- BCH 1.57% ▲**
Bitcoin Cash
- BNB -3.67% ▼**
Binance Coin
- BSV -2.65% ▼**
Bitcoin SV

Right Side (Detailed Card for BNB):

BNB

-3.67%

Date: 28/10/2020
Open: 31.4704
High: 31.7017
Low: 30.1898
Close: 30.3335
Volume: 2.21M

A green sparkline chart shows the price movement of BNB from October 28, 2020, to the present, with a peak around 31.7017 and a dip around 30.1898, ending at 30.3335.

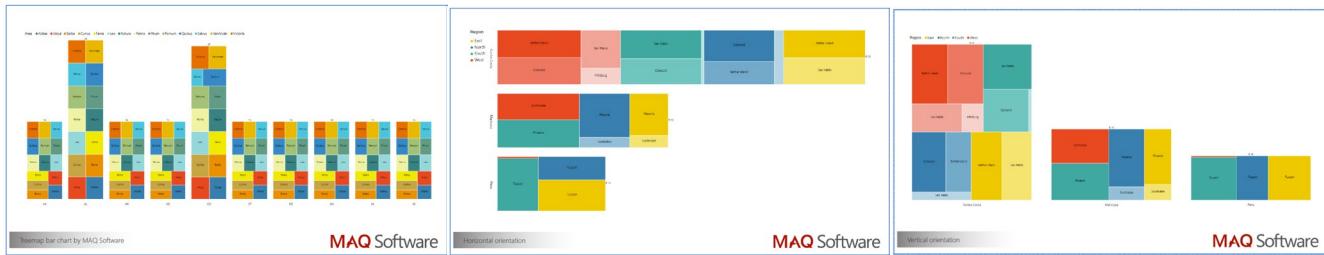
Adaptive Cards for Power BI

Adaptive Cards for Power BI is a simple concept that is designed to be easily implemented in existing Power BI solutions.

It uses Custom Visual that is a combination of both Card and Slicer utilising PowerBi's strengths in mixing and matching visual components.

Templating is a new feature of Adaptive Cards and this is used to bind Power BI data by name to the Card.

145 Treemap Bar Chart



Categorize hierarchical data with color-coded, proportional rectangles

Treemap Bar Chart by MAQ Software categorizes hierarchical data with sets of colored rectangles of proportionate sizes. The visual offers multiple views to ensure you gain the insights you need. Visualize performance with the gradient effect and size of bricks while making an efficient use of space by showing the distribution of values across categories.

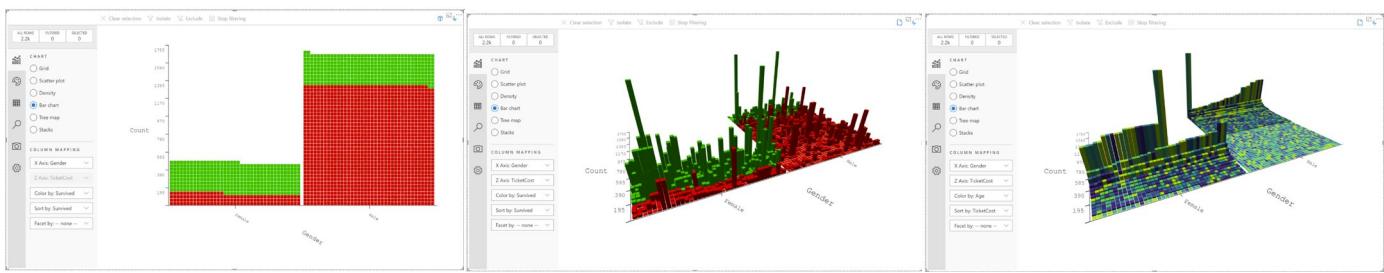
Business Uses:

- Sales: Analyze profit breakdown needs by country, region, and city
- Marketing: Highlight the performance of campaigns across location
- Social Media Marketing: Break down ROI on social media campaigns by platform

Key Features:

- Customizable brick colors
- Customizable orientation between bar chart and column chart
- Total values and data labels for all categories
- Custom text and background colors
- Tooltips with additional insights
- Data legend
- Animation to examine the visual at the granular level
- Cross-filtering support for legend values, axis values, and bricks
- Bookmark support
- Report tooltips configuration support
- Drill through support

146 Sand Dance



Visually explore, understand, and present your data.

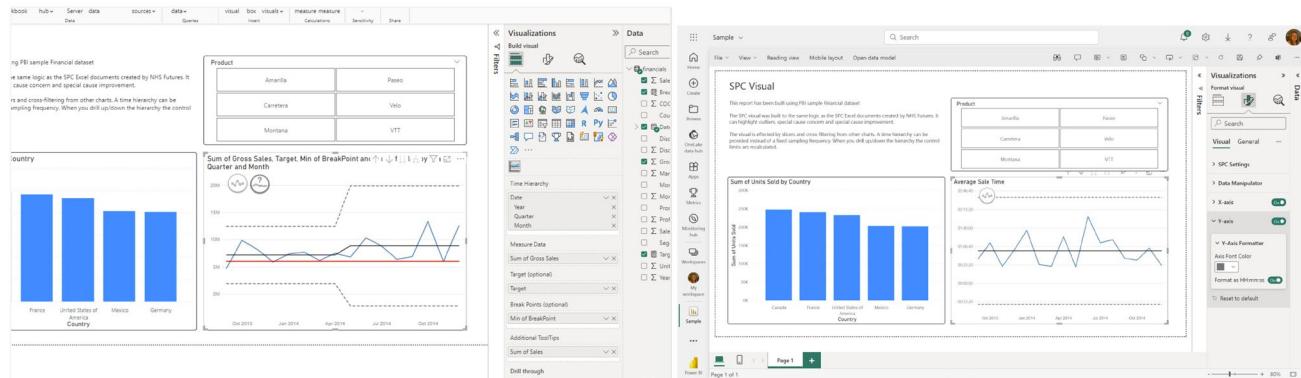
By using easy-to-understand views, Sand Dance helps you find insights about your data, which in turn help you tell stories supported by data, build cases based on evidence, test hypotheses, dig deeper into surface explanations, support decisions for purchases, or relate data into a wider, real-world context.

Sand Dance uses unit visualizations, which apply a one-to-one mapping between rows in your database and marks on the screen.

Smooth animated transitions between views help you to maintain context as you interact with your data.

This new version of Sand Dance has been rebuilt from scratch with the goal of being modular, extensible, and embeddable into your custom applications.

147 SPC Chart



Analyse process data over time

An SPC chart is a plot of data over time. It allows you to distinguish between common and special cause variations.

It includes a mean and two process limits which are both used in the statistical interpretation of data.

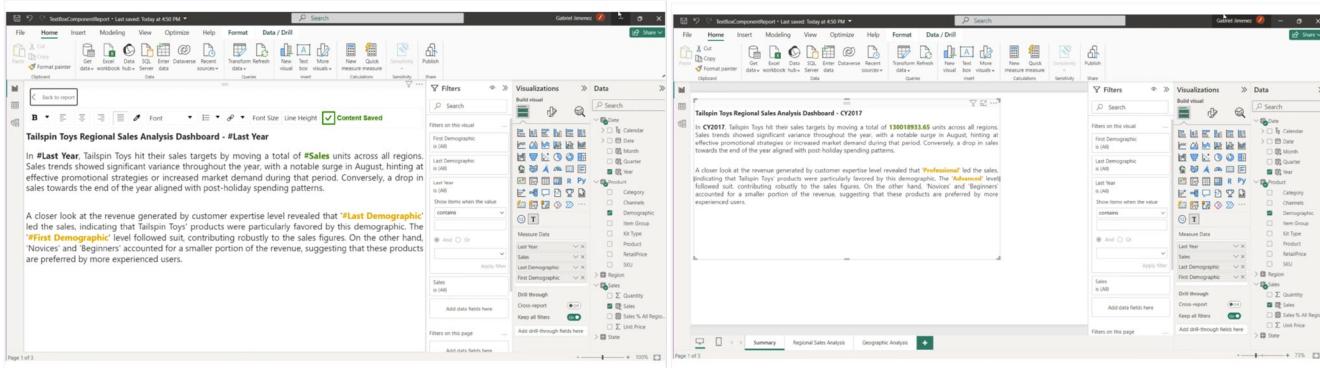
The rules:

- 1) Any single point outside the process limits.
- 2) A run of 7 points above or below the mean (a shift), or a run of 7 points all consecutively ascending or descending (a trend).
- 3) 2 out of 3 points within 1 sigma of the upper or lower control limit.

All these rules aid interpretation but still require intelligent examination of the data.

This visual is highlighted when a rule has been broken and highlights whether this is an improvement or deterioration

148 Untap Text Box



Input and justify text in reports with Untap Text Box for enhanced, aesthetically pleasing data narr

Untap Text Box is an innovative and interactive Power BI visual tool developed by Untap, designed to transform how users interact with and interpret data within Power BI reports. It introduces an interactive input field for textual data, enhancing the analytical and reporting capabilities of Power BI users.

Value Proposition:

1. Enhanced Interactivity: Untap Text Box allows users to directly input text into Power BI reports, making the reports more dynamic and interactive. This feature is invaluable for adding context, explanations, or annotations directly alongside data visualizations.
2. Advanced Text Formatting: Moving beyond the standard alignment options of left, center, and right, it introduces full paragraph justification. This advanced feature transforms text within Power BI into elegantly formatted blocks, akin to professional publishing. The text in Untap Text Box flows evenly and aligns perfectly on both sides, creating a polished, print-like appearance that is both visually appealing and enhances readability.
3. Improved Data Narration: By enabling users to add descriptive text directly into reports, Untap Text Box facilitates better data storytelling. This makes complex data more accessible and understandable to a wider audience.

Business Audience:

1. Data Analysts and Report Builders: For professionals who regularly create and present data reports, Untap Text Box adds a layer of depth and personalization, enhancing the clarity and effectiveness of their data storytelling.
2. Business Executives and Decision-Makers: Executives who rely on data-driven insights for decision-making can benefit from reports that are enriched with direct annotations and explanations, making the data more actionable.

Target Industry:

1. Finance and Banking: For financial reporting, where detailed explanations are crucial, Untap Text Box provides a means to directly annotate financial models and data.

149 Decomposition Tree



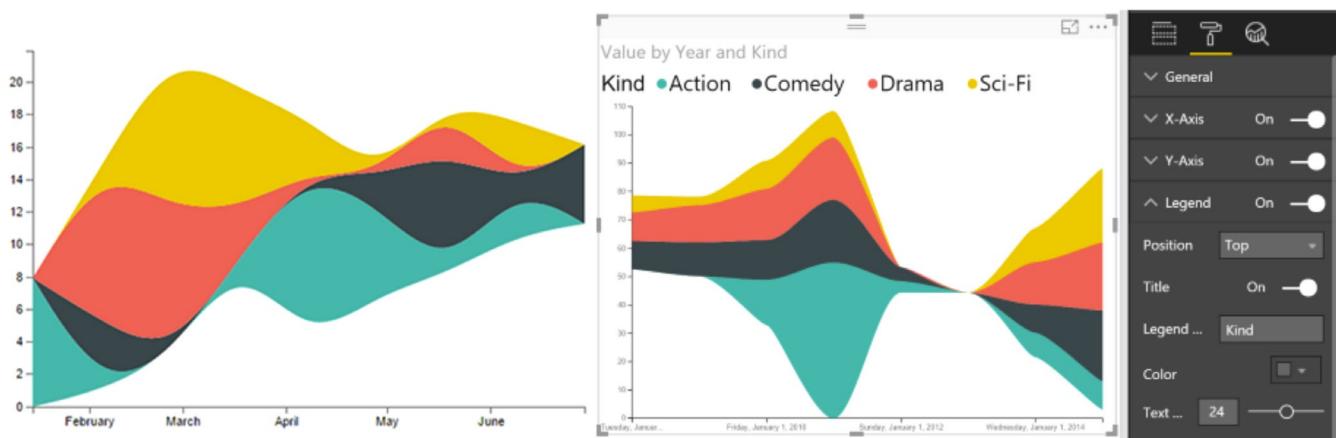
An innovative horizontal decomposition tree offering customizable bar colors, title positioning, percentage displays, and icon addition based on percentage metrics.

Enhance your data visualization effortlessly with this versatile tool.

Key Features:

- Personalize Bars: Fine-tune your visuals! Adjust the width, height, margin, borders, and colors of bars to create a perfect fit for your data.
- Customize Text: Make it yours! Modify titles, legends, values, and percentages by setting margins, colors, fonts, and alignments to match your style.
- Percentage Display: Choose your view! Display percentages as a grand total or by category, and decide if they should be shown on the bars.
- Tree Appearance: Shape your tree! Change the color of the path, adjust the distance between levels, and decide if you want to display one tree or all at the last level. Hide blanks, enforce mandatory selection, and set a default tree for when the visual loads.
- Icon Personalization: Set your signals! Select different icons for percentages below X, above Y, or in between to convey your message clearly.
- Conditional Formatting: Color-code with ease! Apply conditional formatting to change bar colors based on value thresholds, making high and low values stand out.
- Animation Control: Smooth transitions! Enable or disable animations to enhance or streamline your visual experience.
- Tooltip Customization: Detail your data! Personalize the titles and content within tooltips for a comprehensive data display.

150 Stream Graph



A stacked area chart with smooth interpolation. Often used to display values over time

A stream graph, is a type of stacked area graph which is displaced around a central axis, resulting in a flowing, organic shape.

Stream graphs display the changes in data over time of different categories through the use of flowing, organic shapes that somewhat resemble a river-like stream.

This makes Stream Graphs aesthetically pleasing and more engaging to look at.

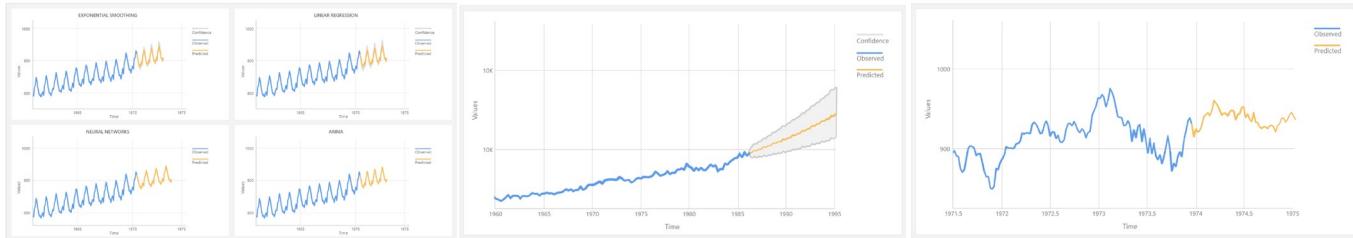
In a Stream graph, the size of each individual stream shape is proportional to the values in each category.

The axis that a Stream Graph flows parallel to, is used for the time scale.

Stream graphs are ideal for displaying high-volume datasets, in order to discover trends and patterns over time across a wide range of categories.

This is an open source visual.

151 Forecast Using Multiple Models



Test time series models to forecast future values based on historical data.

Forecast Using Multiple Models by MAQ Software lets you implement four different forecasting models to learn from historical data and predict future values. The forecasting models include Linear Regression, ARIMA, Exponential Smoothing, and Neural Network.

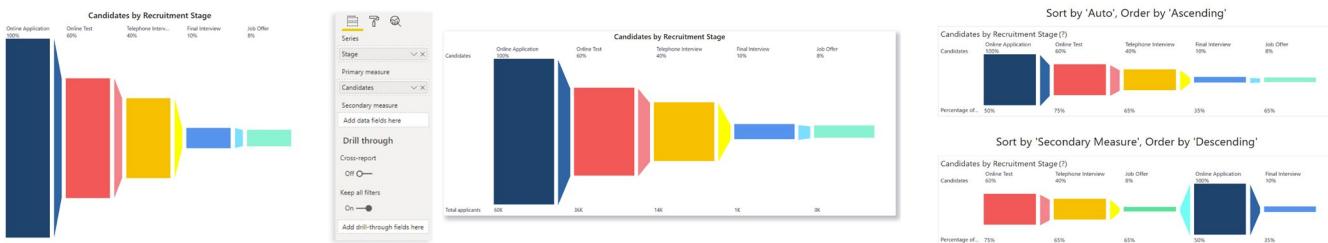
This visual is excellent for forecasting budgets, sales, demand, or inventory.

R package dependencies (auto-installed): forecast, plotly, zoo, lubridate.

Key features:

- Use four different forecasting methods/models.
- Manually adjust the parameters of the learning model.
- Supports a wide range of date and time formats.
- Forecast options include the choice of algorithm, showing or hiding confidence intervals, deciding on the split point, and applying data transformation.

152 Horizontal Funnel



Represent the various stages and relevant metrics of a process | PBI certified

Horizontal Funnel by MAQ Software breaks down complex processes into clear, understandable phases. While other Power BI funnels are limited to displaying one key metric for each funnel stage, Horizontal Funnel enables users to display a second, customizable metric beneath the primary measure. The primary measure defines the size of the colored funnel segments, showcasing what percentage each segment makes up of the whole.

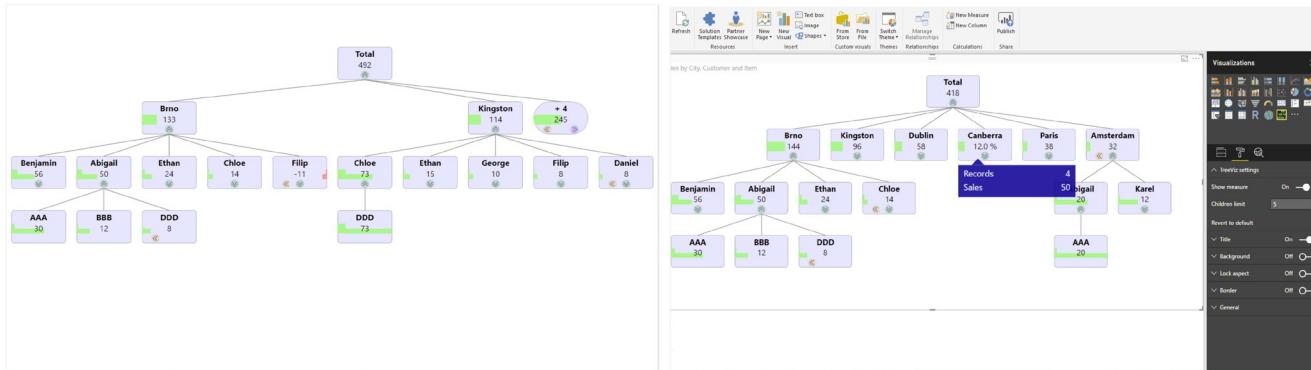
Business Uses:

- Sales – Analyze the sales pipeline by viewing both the sales progress and conversion rate at each stage of a sale
- Marketing – View the entire buyer process, tracking for details like web traffic sources and order fulfilment
- Human Resources – Break down the recruitment, tracking the quantity of applicants in each stage of job applications (online applications, telephone screenings, in-person interviews, etc.)

Key features:

- Secondary measure that can be displayed below the colored bars
- Tooltip that displays a brief explanation of the data
- Configurable funnel stage colors, font size, display units, and label decimal place
- Added support for bookmarks

153 TreeViz



Tree structure data visualization

Looking for breakdown tree? Here it is!

Usage: Green arrow

- show/hide children Orange arrow
- hide 3 siblings Purple arrow
- show 3 more siblings

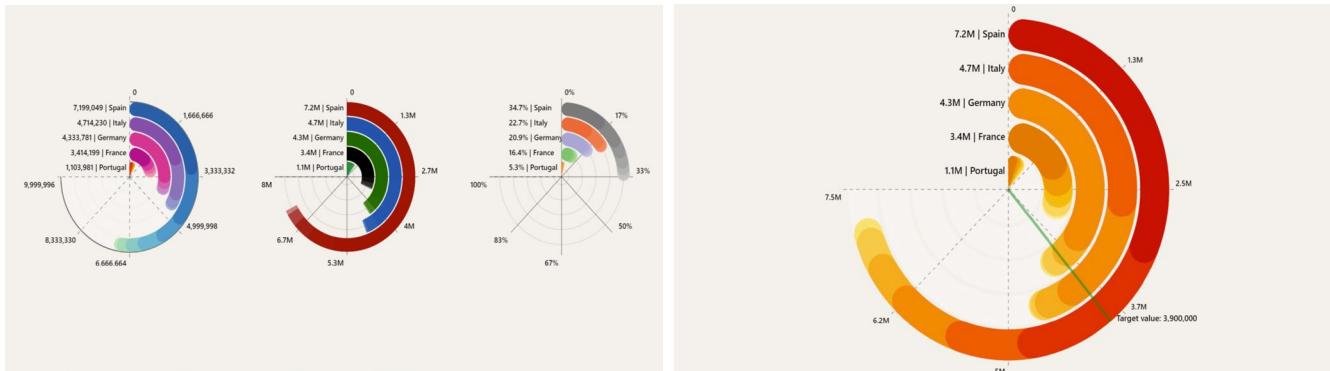
Formatting: Show measure

- hiding values and bars (tooltip is still available) Children limit
- default amount of children visible after showing next level

Data: Category

- upper here means upper in tree Measure
- items are sorted by first record; all measures are visible in tooltip

154 Dynamic Radial Bar Chart



Interactive drilldown radial bar chart with multiple configurations

Dynamic radial bar chart by JTA: The Data Scientists combines two of the most effective and common charts in the data visualization field, the bar chart and the radial chart. With multiple configurations available, the visual will allow you to navigate and quickly understand your data.

With a vast range of functionalities and customizing options, you will be able to drill-down your information to see it in detail, define global or individual targets by category to compare it with your data, choose between multiple fields when drilling-down and much more.

With the latest version, these are some of the key features you will find:

- Updated logic to define target values or load them automatically as a field.
- Added options to choose whether you want your target to be displayed on a label or not.
- Improved tooltip customizing, using data fields of your choice.
- Improved the total value calculation and relative totals, with the option to add only some categories to the grand total.
- Updated formatting options and default values for settings such as radial bars curviness, background and shadow colors, multiple choices of gradual color schemes, etc.;
- Standard Power BI fonts added.
- Updated visual API version, to comply with the latest Power BI recommendations.

155 Text Wrapper



Represent complete data by enabling text wrapping on Power BI reports | PBI certified

Include long strings of text in your Power BI reports at no cost to user experience.

Text Wrapper by MAQ Software retrieves text from any data source and wraps it within the target field, presenting the text in a readable format.

This visual also wraps static text strings (statements) with dynamic text field values.

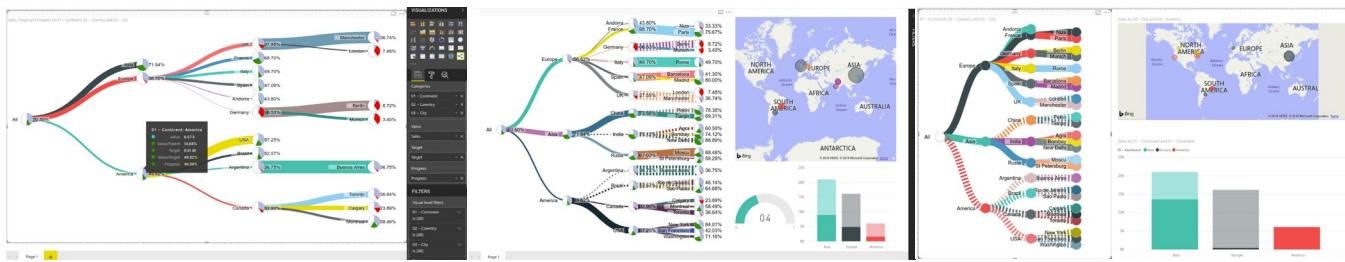
Business Use Cases:

- Text Wrapper by MAQ Software enables more dynamic reports for any business application

Key Features:

- Dynamic text field value (updates according to the selected filter or slicer, keeping the static text intact)

156 Pie Charts Tree



Display in tree mode with values represented in a pie chart in each node.

This visual component shows a tree of categories with values represented in pie charts in each node.

It has 4 display modes:

Tree mode It is achieved by adding categories of the model to the field "Categories" Tree mode with values.

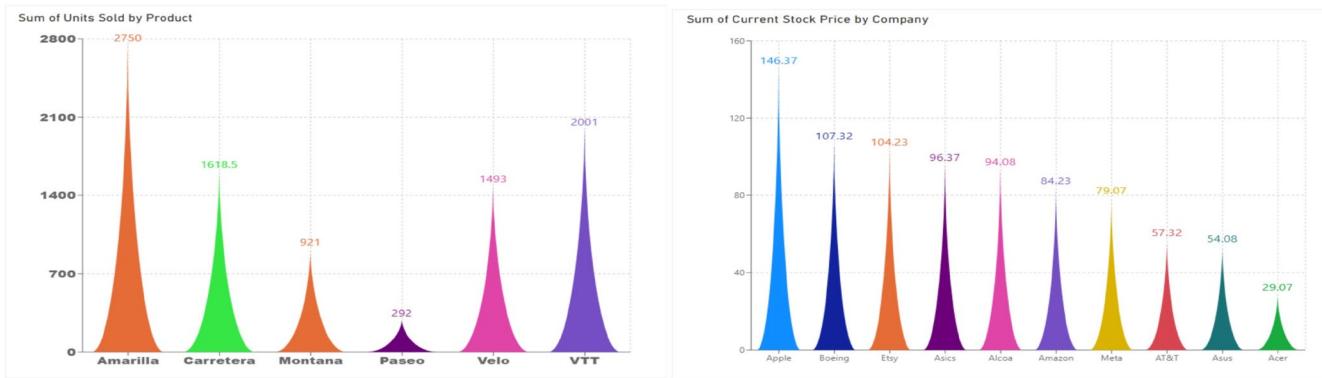
It is achieved by adding a measure of the model to the "Values" field.

Tree mode with percentages. It is achieved by adding a measure of the model to the "Target" field.

Tree mode with compliance.

It is achieved by adding a percentage measure (between 0 and 1) to the "Progress" field.

157 Triangle Bar Chart



This visual representation of data that uses triangular bars to display information

Triangle bar chart by Devlup Funnels is a unique variation of a bar chart where the bars are shaped like triangles. Each triangle represents a data point with the base width representing the category value and the height representing the data value. The chart allows you to visually compare data across different categories.

Custom Color Based on Category: In this chart, each category or data point can be assigned a custom color to represent it uniquely. This can be helpful in distinguishing data points and highlighting specific categories for better visualization and analysis.

Ability to Sorting: The chart offers the ability to sort the data either in ascending or descending order based on the data values or category values. Sorting helps to organize the data and identify trends or patterns more easily.

Ability to Drill Through: Drilling through the chart allows you to interactively explore the data in more detail. By clicking on a specific bar or category, the chart can be configured to display additional information or navigate to a more detailed view of the selected data.

Custom Font Settings for Axis Ticks: The chart provides options to customize the font settings for the axis ticks. You can adjust the font size, style, and color of the axis labels and ticks to suit your design preferences and enhance readability.

Overall, a triangle bar chart with custom colors, sorting, drill-through capability, and custom font settings for axis ticks is a powerful data visualization tool that allows you to effectively convey insights from your data in a visually appealing and interactive manner. It is suitable for various applications, such as displaying survey results, sales data by categories, and any other datasets where category-based comparisons are important.

158 KPI Indicator



Visualization of key performance indicators. Includes visualization of status, trend and deviation.

This visualization is all about visualizing Key Performance Indicators.

The status is presented as a color indication, comparing the actual and target values.

Deviation is presented as a distance in percent of actual from target.

The history (trend) is presented as a line or a bar chart.

It is up to the user to decide the granularity of the data displayed.

Any dimension attributes can be used, but it's recommended to stick to the ones in your date dimension.

159 Dot Plot



Highlight gaps, clusters, and outliers in your data | PBI certified

View data through multiple categories and subcategories. Dot Plot by MAQ Software displays data points (bubbles) plotted on an X/Y axis and distributed over a specified set of values. The size of the bubble represents the magnitude, and its color represents the category. Users can break data down across several parent and child categories, a significant improvement over other dot plot diagrams.

Business Uses:

- Sales – Display multidimensional sales data such as sales volume per year over various regions
- Marketing – Display a campaign's effectiveness across various regions and demographics
- Hospitality – Break down the popularity of different hotels in the same chain based on location, revenue, and seasonality

Key Features:

- Support for selection and multi-selection with partial highlighting
- Different bubble colors for different categories
- Customizable bubble size
- Bubble animation on click
- Support for context menu

160 Walkers Animated Pictogram



An animated pictographic bar chart for building visually appealing reports.

Simple bar charts, when used to represent human opinions in surveys or head counts, can show data but fail to communicate the emotion underneath, especially when representing change over time or within different filter contexts, such as by gender or by age.

Data visualizations have a huge impact on decision making and this visual helps build a more meaningful connection between the audience and the respondents.

Or it can also be simply used to make the dashboard more lively and animated.

Please refer to the sample report for examples on how to use it in different configurations, especially note that the initial scale is set to 100 units in the visual and data added should be converted to percentages for efficient performance, but if you have creative ideas on showing multiple rows of icons the visual does support it, go to the advanced edit mode to tweak these settings.

Also, this visual supports custom colors and sorting through data either from a column or measure optionally, or simply use the default sorting and theme colors.

161 Enlighten Slicer

The screenshot shows a user interface element titled "enlighten designs WEBSITE DESIGN & SOFTWARE DEVELOPMENT". Below this, there is a heading "Click to select an age range:" followed by a horizontal row of six blue rectangular buttons. From left to right, the buttons contain the text: "-", "<18", "18-21", "22-25", "26-29", and "30-33". The button for the range "18-21" is highlighted with a white background, while the others are dark blue.

Provides a simple way to interact with your data.

A slicer visualization, comprised of boxes, that allows you to interactively filter the report to display your data with impact, simplicity and style using Power BI.

The color and text sizes can be customized, and filtering can be set to highlight your data.

162 Icons



Access hundreds of open-source icons to elevate your user experience.

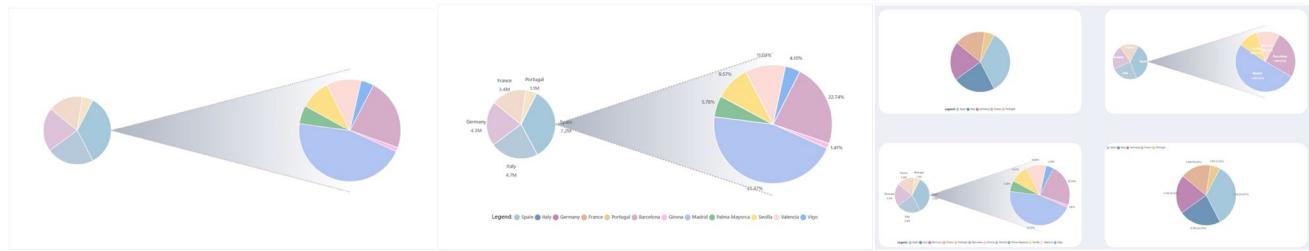
Elevate your user's experience with Icons by Queryon.

Choose from hundreds of icons and easily insert them into your Power BI reports.

Features include:

- Visually browse the library and select your icon on-the-fly
- Libraries are organized by icon families to facilitate browsing
- Custom formatting on mouse hover versus default state, including icon colors, text strings, text colors, text locations
- Clickable icons with link URL
- Responsive icons change depending on data

163 Pie of Pie



Slice, Click, Reveal: Explore Deeper Insights with Our Interactive Pie Chart Visual for Power BI!

Overview

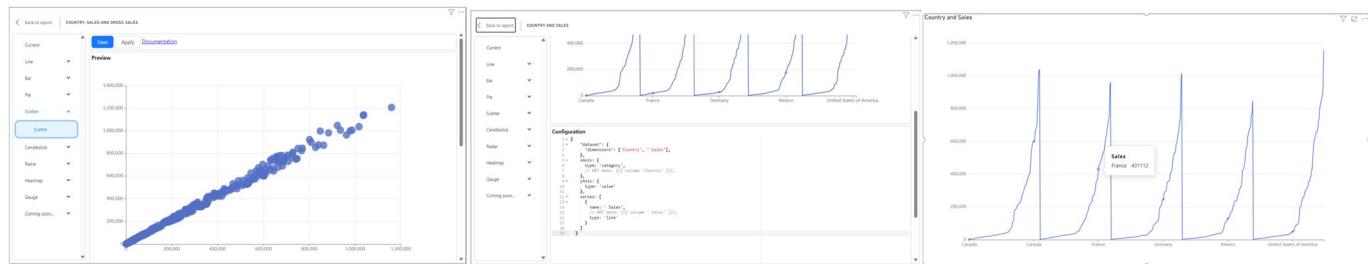
A Power BI custom visual that enables the creation of a hierarchical representation within a Pie Chart. With a simple click, you can effortlessly delve into detailed categories, offering a seamless and visually intuitive way to unveil multi-level insights in a single view.

Experience the convenience of interactive data analysis, where each slice of the initial pie chart acts as a gateway to deeper layers of information. Whether you're dissecting population demographics, dissecting sales performance, or analyzing product distribution, Pie of Pie offers a seamless and visually intuitive solution.

Key Features:

- Interactive hierarchical representation within a Pie Chart: Dive into detailed categories with ease, exploring multi-level insights seamlessly.
- Effortlessly explore multi-level insights with a single click: Click on a slice to reveal deeper layers of information, enhancing your data analysis experience.
- Customizable colors, labels, and legend: Tailor the visual to match your branding or personal preferences, ensuring clarity and consistency in your reports.
- Choose where to display always both pies or just show the second upon click: Optimize your visual presentation by selecting the most suitable display mode for your data storytelling needs.
- Animate the visual: Bring your data to life with smooth animations, captivating your audience and enhancing engagement with your insights.
- Personalize the spacing: Fine-tune the spacing between elements to achieve the perfect balance of aesthetics and readability in your visualizations.

164 Apache ECharts Visual



The EChart Visual combines power of ECharts and Handlebars.js with Power BI data

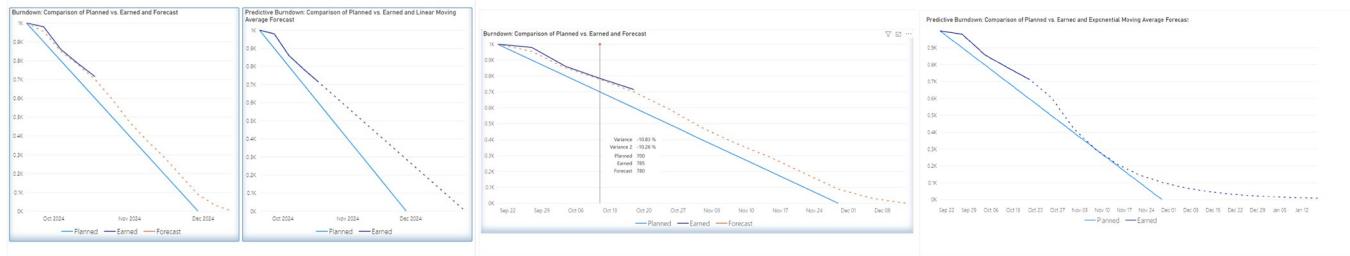
The EChart Visual combines power of ECharts and Handlebars.js with Power BI data to build about 20 chart types within Power BI like Deneb or Plotly.js visuals.

The visual initializes container and prepares data for the visual. Authors have to specify options for the chart.

The visual creates ECharts dataset from data provided for the visual by Power BI.

Or user can use Power of Handlebars.js expressions to bind data directly data properties of ECharts option.

165 Predictive Burndown



Visually represent remaining work over time with various automatic forecasting options.

The Predictive Burndown Power BI custom visual is a powerful tool for project management.

It visually represents the remaining work over time and offers flexible forecasting options.

By leveraging various regression and average forecasting models, users can accurately predict project completion based on historical data.

This feature eliminates the need for predefined forecasts, providing valuable insights and enabling proactive project management.

166 Power BI Visual Editor

The screenshot shows the Power BI Visual Editor interface. On the left, there is a 'COUNTRY AND SALES' report with three tabs: 'New', 'Load', and 'Export'. The 'Load' tab is selected. In the center, there are two code editors showing JSON schema for different visual types. The left editor shows a schema for a chart with a rectangle background and various margins. The right editor shows a schema for a scatter plot with markers. At the bottom, there is a preview pane showing a bar chart with data for Canada, France, Germany, Mexico, and United States of America.

```

1 {
  "specification": {
    "id": "chart.rectangle",
    "classID": "chart.rectangle",
    "properties": {
      "type": "rectangle",
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      "backgroundOpacity": 1,
      "textColor": "#000000",
      "expose": true
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        "value": 20
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      "marginTop": {
        "type": "value",
        "value": 20
      },
      "marginBottom": {
        "type": "value",
        "value": 20
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    }
  }
}

2 {
  "type": "scatter",
  "node": "markers",
  "orientation": "v",
  "x": [
    "Canada",
    "France",
    "Germany",
    "Mexico",
    "United States of America"
  ],
  "size": "Country",
  "label": "Countrynames",
  "x": "Country",
  "y": "Sales"
}

3 {
  "type": "line",
  "value": 24887654.88499999,
  "x": 24354172.28000001,
  "y": 23595349.82000004
}

```

The Visual allows you to edit schemas of Deneb, PlotlyJS, and other visuals

The visual powered by Monaco Editor and loads JSON schema to provide autocomplete.

Select one of the visual (Deneb, PlotlyJS, HTML/SVG/Handlebars, Charticulator) on the report.

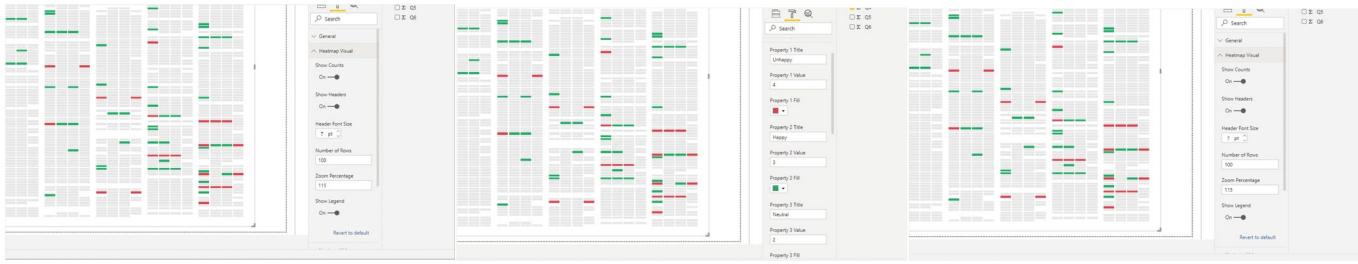
Don't create the new instance of the Power BI Visual Editor. Switch the selected visual to 'Power BI Visual Editor'. The current selected visual should switch to Power BI Visual Editor.

In visual formatting options switch 'Target visual for editing' to correspond visual to load a visual schema.

Make changes in JSON to modify chart in visual. Click on 'Save' button to save the schema.

Switch the visual back to previous visual (Deneb, PlotlyJS, HTML/SVG/Handlebars, Charticulator)

167 egHeatmap



A heatmap table to see different values per row by color.

The eHeatmap is intended to see the distribution of responses or values for each row.

Colors are customizable and displayed based on given value. Map up to 6 values and colors.

Each cell's value is colored based on the value of the cell and the color mapped to each value.

- Customize total rows per column - Allow for zooming in and out for layout purposes
- Customize colors and map colors to values

Note: Cells with value

1 are mapped to the color red Cells with value

2 are mapped to the color green Cells with value

3 are mapped to the color gray Cells with value

4 are mapped to the color white

Sample Dataset (JSON) [{3, 1, 2, 1}, {2, 2, 3, 1}, {2, 4, 1, 2}, {2, 1, 2, 1}]

168 Mass Slicer

The screenshot shows two examples of the Mass Filter visual in a Power BI report.

Initial look when added first time to report:

A large text input area labeled "code" contains the note: "Note! If using desktop, refresh this visual by resizing this visual or refresh explicit". Below it, a smaller text input area also labeled "code" shows the list "1 red", "2 blue", "3 yellow", "4 black", and "5 white". At the bottom are three buttons: "Include", "Exclude", and "Clear".

Paste newline separated content, press include, and filter is applied:

A large text input area labeled "code" contains the list "1 red" and "2 blue". To its right, a smaller text input area labeled "code" shows the filtered list "1 red" and "2 blue". Below the main area are three buttons: "List length: 2", "Include", "Exclude", and "Clear".

Paste newline separated content, press exclude, and pasted content filter applies exclusion of this content:

A large text input area labeled "code" contains the list "1 red" and "2 blue". To its right, a smaller text input area labeled "code" shows the filtered list "3 yellow", "4 black", and "5 white". Below the main area are three buttons: "List length: 2", "Include", "Exclude", and "Clear".

Easily filter data in Power BI report by including or excluding items using copy-pasted data list

The Mass Filter custom visual for Power BI allows users to quickly filter data by copy-pasting newline-separated lists, such as product codes or customer codes, directly from external sources like Excel.

With simple “Include,” “Exclude,” and “Clear” buttons, this visual provides an efficient way to apply or remove filters without manual item selection.

Ideal for users handling large datasets, the visual helps streamline data analysis by addressing the need for rapid filtering based on pre-defined lists.

It reduces manual effort and speeds up workflows, especially for business analysts, data professionals, and decision-makers looking for flexible and intuitive filtering options.

169 Floor Plan Visual



Visualize your data against your real-world floor plans

The Floor Plan Visual by Simpson Associates lets you view your data on a backdrop that makes sense to your readers. You can map any metric you like on top of your custom floor plans, providing instant analysis of real-world locations.

Not only can you get the data that you need quickly, but you can consume it in the context of a physical location, meaning you can digest and react to it easily.

You aren't restricted to just floor plans though; the Floor Plan Visual by Simpson Associates can draw any image represented as geometry data and allows you to add your metrics and KPIs on top. We use the term 'floors' to refer to what you can think of as a floor in a building, but this could be any logical grouping you like, such as levels/decks/stories. Similarly, we use the term 'plan items' to refer to what you can think of as a room in a building, again this could be any item you like and doesn't have to be a room!

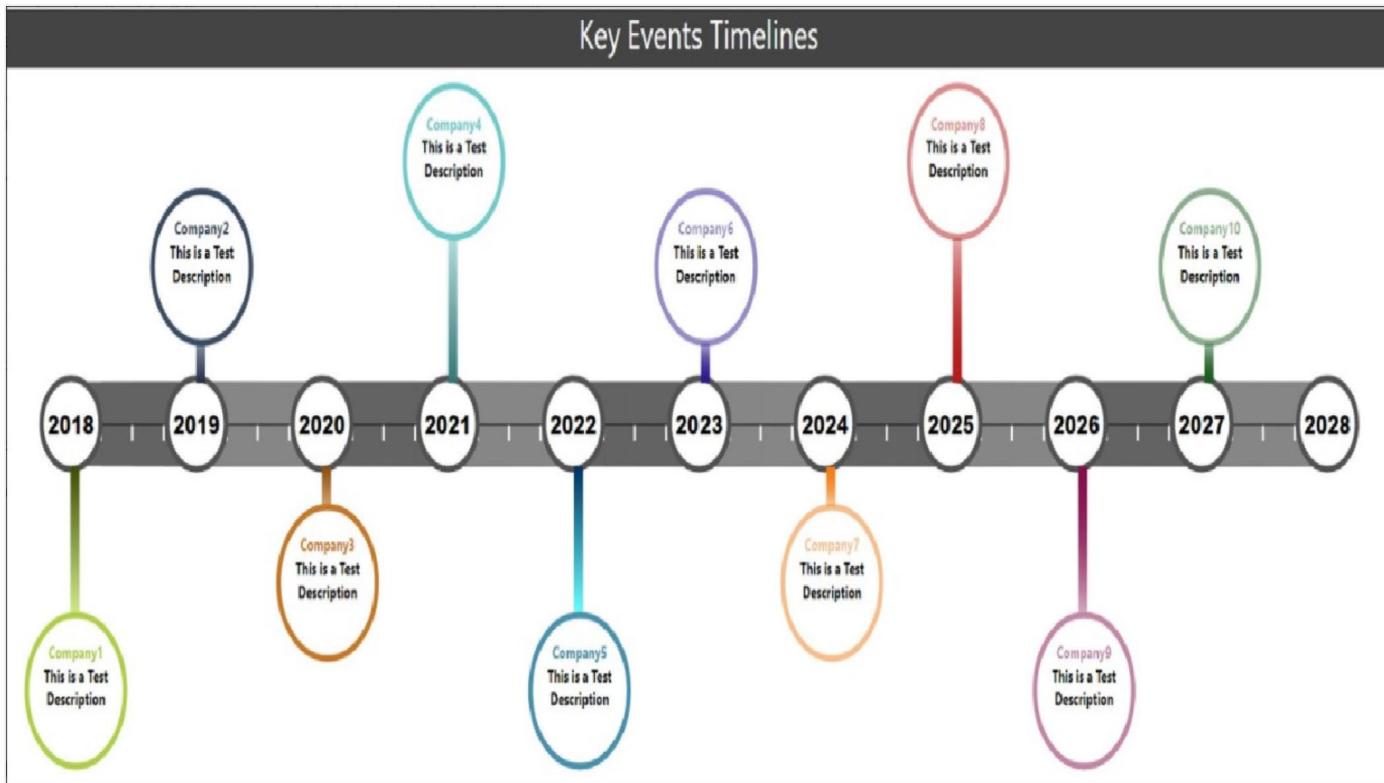
Not only can the Floor Plan Visual by Simpson Associates act as a data visualisation tool, but you can also use it to provide navigation to the rest of your report. You can easily use our visual to alternate between multiple floors/levels in your data, and provide your report consumers with a slick, easy to use navigation tool for slicing and dicing your reports.

It also lets you add your floor plans into your report just to give it that wow-factor!

Key features:

- Draw geometry data into your reports with a custom metric applied on top.
- Show multiple floors at a time, to provide analysis across multiple levels.
- Floor Mode – provide your users with a floor navigation tool to slice and dice your reports by floor.
- 2D and Isometric view modes – show a traditional floor plan experience or provide a 3D isometric effect to add that extra edge to your reports.
- Apply automatic colour scales/bins to your data points to provide a heat-map effect.
- Use your own custom measure for colouring your plan items.
- Zoom in/out and pan across your floor plans to get up-close to your data.
- Multiple formatting options for controlling the appearance of floors and plan items.
- Allows you to categorise your data into groups to allow for further formatting options.

170 TheraTraq Timeline Circle



Visualize your events in a timeline view.

TheraTraQ Timeline Circle chart represents a set of key events in a timeline view. The timeline axis shows years and quarters. It also has dark and light grey backgrounds for alternative year ranges. The key events data are rendered as bubbles with a line that marks the timeline based on the date. If there are two events that are close to each other, the visualization will create one bubble closer to the timeline axis and one little further so that it can show both events. It also supports multiple day events which are rendered as ovals with 2 vertical lines showing the start and end dates.

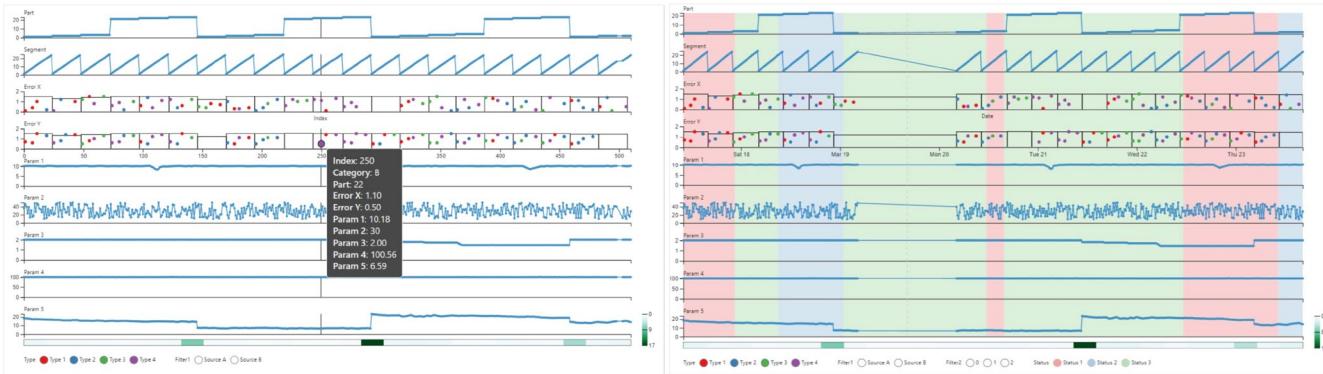
The title and description of the event data will be rendered inside the bubble. It takes a dataset with columns such as Title, Description, EventStartDate, EventEndDate to render the visualization. It picks random colors for events. The customization options are Title, Layout, Image URL and Circle Background. Title: The value given in this option will be rendered as a title of the chart.

Layout: TheraTraQ Timeline Circle has a capability of adding a header image to the top or bottom of the visualization. It takes two values, header or footer. If the value is header the image will be added at the top of the chart and for footer it will be added at the bottom of the chart.

Image URL: This option specifies the URL of the image given in the Layout option. This image URL needs to be accessible by the users.

Circle Background: This option specifies whether the circle background is opaque or transparent. Limitation: The chart will show a maximum of 100 events in the UI.

171 Multiple Stacked Charts



Visual for comparing multiple data columns that share one X-axis.

Multiple Stacked Charts is a visual tool that can be used to compare numerical data over a common date or numerical X-axis.

It avoids the issue of occlusion and visual clutter, that appears in other types of visualizations by displaying each parameter in a separate plot.

This makes it easier to compare multiple parameters that have different characteristics or ranges. It can be useful in industries such as manufacturing and finance where multiple parameters need to be compared.

It allows you to easily see patterns and differences between these parameters for making informed decisions. There is an option to augment data points with colors based on categorical data.

This feature makes it easier to distinguish between measurement sources or error types, for example.

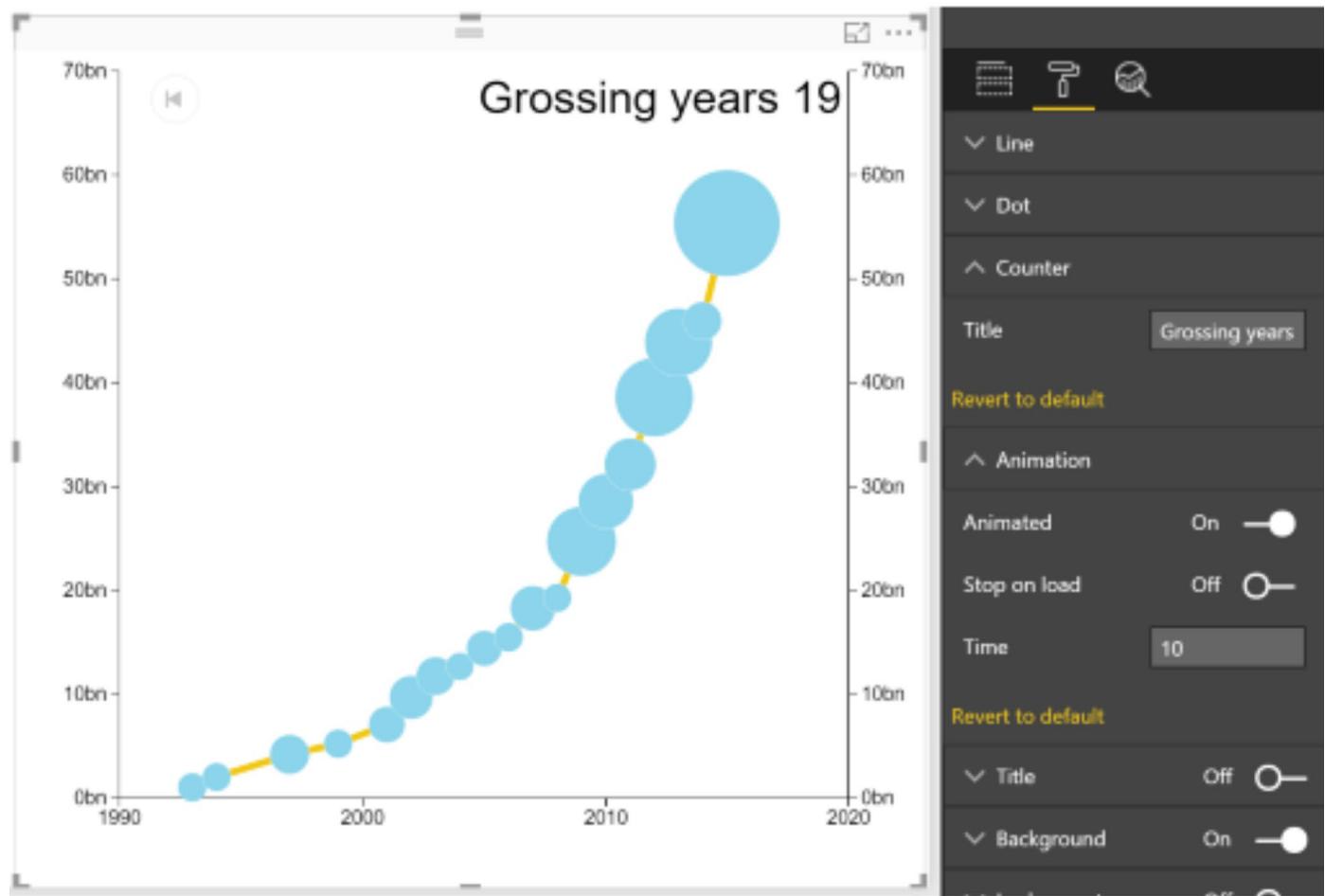
Additionally, plots that use this augmentation can be filtered by additional categorical or numerical columns, allowing for more precise analysis and comparisons of your data.

Multiple Stacked Charts also provide features such as a vertical ruler, heatmap analysis, rectangle plot overlays, zooming and panning.

Additionally, it is possible to customize axis labels, ticks, and plot ranges.

You can also set a colored background based on a categorical data column.

172 LineDot Chart



Animated line chart with fun animated dots. Useful for engaging an audience with data

The LineDot chart is an animated line chart with fun animated dots.

Use the LineDot chart to engage your audience when presenting data.

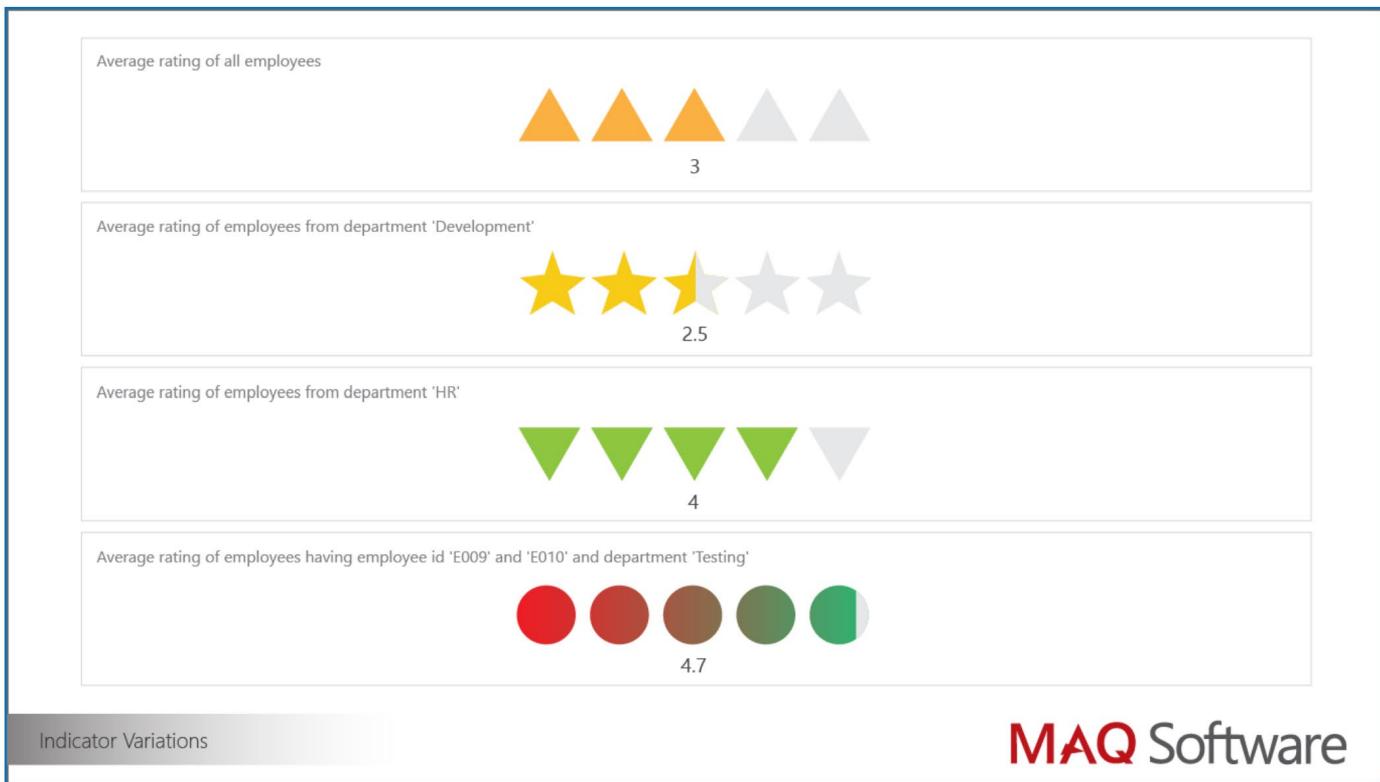
The size of the bubbles can be customized based on data.

Use the counter to show a running total as the chart animates.

Format options are provided for Lines, Dots, and Animation.

This is an open source visual.

173 Ratings



Indicate performance or approval scores within your Power BI reports.

Add ratings or scores to Power BI reports to track the performance of key metrics. Ratings by MAQ Software enables users to divide ratings by average score or by specific groups such as individual departments.

Business Use Cases:

- Market Research: Highlight the performance of specific products, movies, or features based on user feedback
- Hospitality: Compare the ratings of hotels across locations
- Customer Support: Analyze business performance by tracking customer support ratings for different products

Key Features:

- Drill down opportunities (average rating, individual metrics, etc.)
- Configurable indicator shapes (four options)
- Configurable fill color (solid or gradient)

174 Text Enhancer

The screenshot displays the MAQ Software Text Enhancer interface. On the left, there is a line chart titled "2014 Annual Sales" showing a 300% increase from 2013 to 2014. The chart includes a red arrow pointing upwards with the text "300% increase". Below the chart is a source link: [Source : https://maqsoftware.com/](https://maqsoftware.com/). To the right of the chart are several tabs for text styling: "Font Styles" (Bold, Italic, Underline, Overline, Strikethrough), "Alignment" (Left, Center, Right, Top, Middle, Bottom), "Shadow" (Highlight, Annual Sales, Annual Sales, Annual Sales), "Rotation" (Perspective, Annual Sales, Annual Sales, Annual Sales), "Skewness" (Annual Sales, Annual Sales, Annual Sales), and "Direction" (Annual Sales, Annual Sales, Annual Sales). The "Font Styles" tab is currently active, showing "Annual Sales" in bold. The "Shadow" tab shows three "Annual Sales" entries with different shadow effects. The "Rotation" tab shows three "Annual Sales" entries with perspective effects. The "Skewness" tab shows three "Annual Sales" entries with skew effects. The "Direction" tab shows three "Annual Sales" entries with direction effects.

Customize the text in your Power BI reports | PBI certified

Power BI offers minimal text editing options out of the box. Create more visually engaging reports with the new text styling options offered in Text Enhancer by MAQ Software. Text Enhancer allows you to adjust text shadow, rotation, angle, skewness, alignment, and more. It also includes text wrapping capabilities.

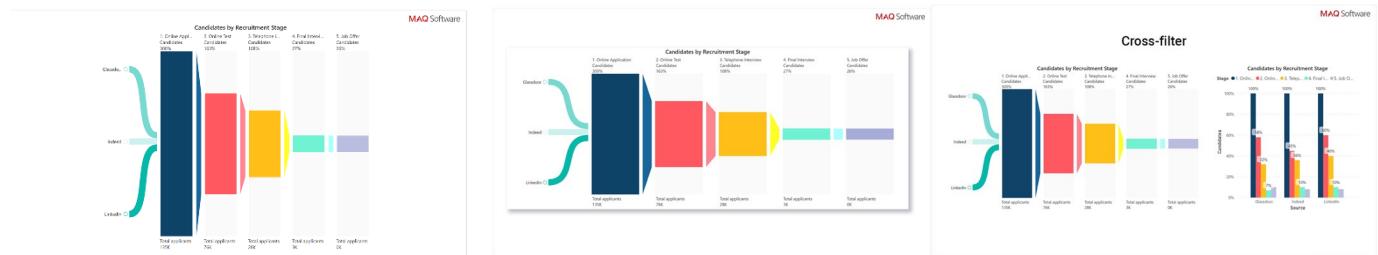
Business Use Cases:

- Text Enhancer by MAQ Software makes reports stand out in any business application.

Key features:

- Editing capabilities for static and dynamic text
- Text wrapping capability
- Text styles including bold, italic, underline, overline, and strike-through
- Configurable shadow, shadow blur, shadow color, text alignment, text skew, and text perspective

175 Funnel with Source



Track data pipeline from end to end by grouping data into stages and sources | PBI certified

Follow the path of a metric over various stages, while tracking the metric's entry channel. Funnel with Source by MAQ Software shows a funnel journey for any metric or data point. Break your data down into stages by revenue, month, and more. Analyze what separate sources are generating value across the stages and how all streams connect.

Business Uses:

- Sales - Visualize the sales path of leads, showcasing the leads' entry channel and journey through the various stages of the sales cycle
- Global Marketing - Highlight which regions generate revenue across the entire sales and marketing journey
- Management - Track team contribution across quarters

Key Features:

- Filtering options based on channel and journey stage
- Support for cross-visual filtering
- Configurable colors, font, and labels

176 Income Statement Table

The image displays four screenshots of the RYCO INSIGHT software interface, specifically focusing on the Income Statement Table. The first two screenshots show the 'Income Statement' table with various financial metrics like Revenue, Cost of Goods Sold, and Net Income. The third screenshot shows a 'Description' section with instructions on how to use the table. The fourth screenshot shows a 'Filtered' view where specific columns like 'Margin' and 'Margin %' are highlighted in red, indicating they are being analyzed.

RYCO INSIGHT		RYCO INSIGHT	
Income Statement Add margin by adding an "Income" field	Income Statement Add multiple measures with each own respective margin	Description How to use multiple measures by inserting columns in the "Column(s)" field	Filtered
Result	Result Last month A	Income Statement	Income Statement
Revenue 14,671,000	Revenue 14,671,000	Revenue 14,671,000	Revenue 14,671,000
Cost of Goods Sold 13,421,000	Cost of Goods Sold 13,421,000	Cost of Goods Sold 13,421,000	Cost of Goods Sold 13,421,000
Margins 1,250,000	Margins 1,250,000	Margins 1,250,000	Margins 1,250,000
Margin % 8.5%	Margin % 8.5%	Margin % 8.5%	Margin % 8.5%
Operating Income Margin % 2.7%	Operating Income Margin % 2.7%	Operating Income Margin % 2.7%	Operating Income Margin % 2.7%
Financial Income 142,320	Financial Income 142,320	Financial Income 142,320	Financial Income 142,320
Financial Expenses 142,320	Financial Expenses 142,320	Financial Expenses 142,320	Financial Expenses 142,320
Net Income Margin % 94.5%	Net Income Margin % 94.5%	Net Income Margin % 94.5%	Net Income Margin % 94.5%
Net Income Margin % 94.5%	Net Income Margin % 94.5%	Net Income Margin % 94.5%	Net Income Margin % 94.5%
Result 3.0%	Result 3.0%	Result 3.0%	Result 3.0%

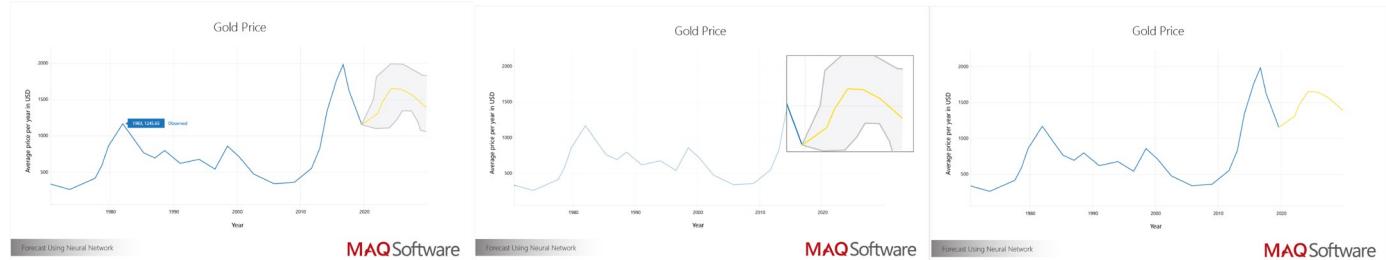
Simplify income statement visualization with built-in margin calculations

Income Statement Table is designed to streamline the process of displaying income statements, integrating automatic built-in margin calculations with a custom table setup reminiscent of income statements the way they are presented traditionally.

This tool is ideal for accountants, financial analysts, business owners and others who regularly work with financial statements and seek to enhance their efficiency and understanding of their financial results.

Whether you're preparing reports for stakeholders or analyzing your company's financial performance, this tool caters to the specific needs of professionals aiming for precision and ease in their financial documentation processes.

177 Forecast using Neural Network



Use the Neural Network algorithm to forecast future values based on historical data.

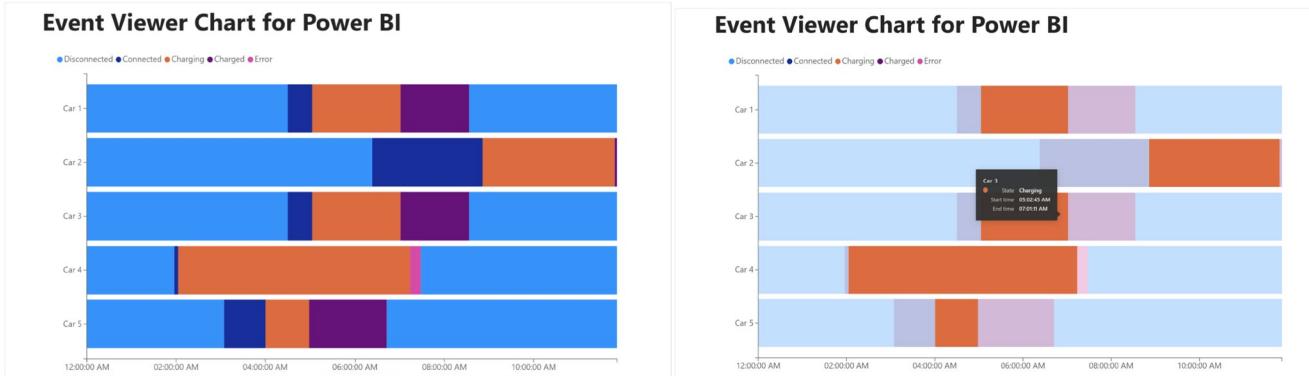
Forecasting using Neural Network by MAQ Software implements an “Artificial Neural Network” to learn from historical data and predict future values. This visual uses a single layer feed forward network with lagged inputs to process time series values. R package dependencies (auto-installed): forecast, plotly, zoo, xts.

Forecasting using Neural Network by MAQ Software is useful for forecasting budgets, sales, demand, or inventory.

Key features:

- Ability to use years or distinct numerical values in place of date and time field. (The visual will work for both numerical series, i.e. years or numbers, and proper date and time values).
- Hover tooltips and highlighting of specific portions of the plot.
- Capability to manually adjust the parameters of the learning model.

178 Event Viewer

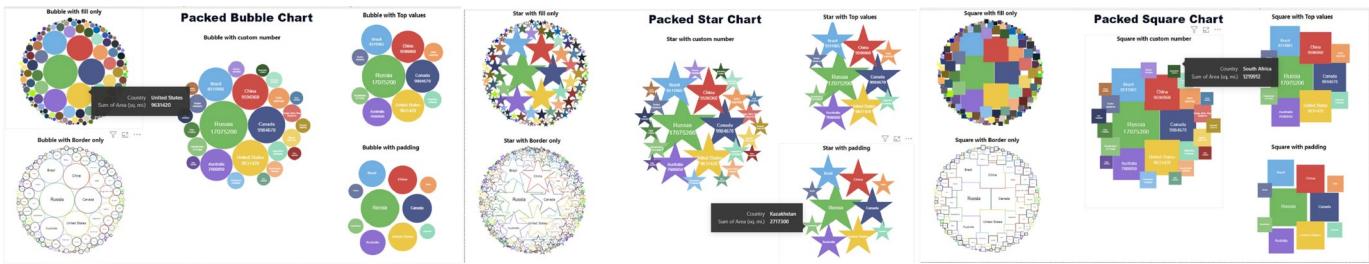


The Event Viewer chart visualizes device events over time. Ideal for IoT devices that report states.

The Event Viewer chart visualizes device events over time by aggregating events per device and timestamp. This behavior is making it an ideal chart to visualize IoT devices.

The visual supports highlight to identify when which state is available for a device. And each event has a tooltip to show start and end time of when the device is 'in' that event state.

179 Packed Bubble Chart



Our custom visual is the perfect tool for displaying your data in a visually stunning and powerful way.

Using a packed bubble chart, you can showcase your data in a unique and engaging way, with the ability to display values as size and category.

Our visual also includes a variety of shapes, including circles, squares, triangles, stars, and diamonds, giving you the flexibility to customize your data presentation to suit your needs.

Our visual allows you to customize the number of bubbles displayed and to highlight top or bottom value bubbles, providing you with greater control over your data presentation.

You can also apply formatting to labels or values, creating a polished and professional look for your data.

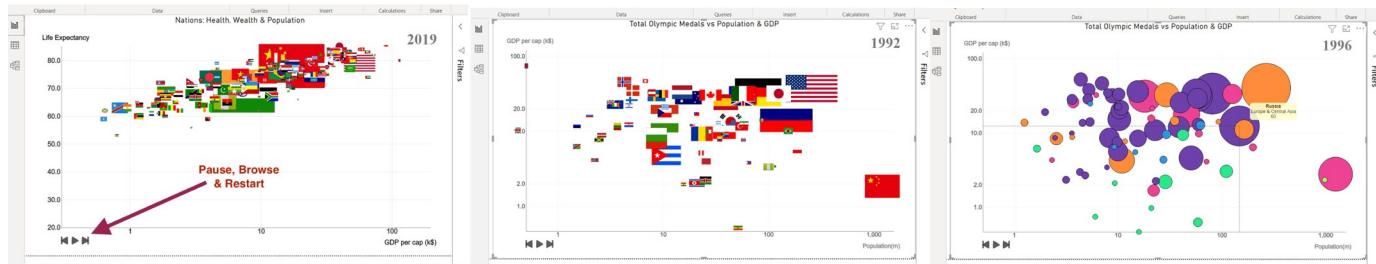
But that's not all - our custom visual also includes custom tooltip and drill-through options, enabling you to create an interactive data experience that engages and informs your audience.

With our custom visual, you'll be able to see your data in a whole new way, unlocking insights and revealing trends that you might have missed before.

If you're looking for a powerful and visually stunning way to display your data, our custom visual is the perfect solution.

Try it today and see the difference it can make!"

180 Animated Image and Bubble Chart



An animated bubble chart that can also use images. The animation can be paused and restarted.

Highlights

- The chart presents a typical bubble chart but offers the capability of animating the bubbles through periods such as time. The bubbles resize and relocate for each period.
- Bubbles can be represented as images. For example, if the data represent countries, a flag image can be used in place of a bubble. The image resizes and relocates just as the bubble does. Image can be either a URL link or embedded as Base64 text.
- A user can pause the animation at any point and can then restart the animation or browse to the next or previous period.
- Tooltips present a dotted line to each axis and the value of the bubble/image.
- A variety of properties are available to the designer which include linear/log axes, show/hide pause panel, font/color editing and grouping options.

181 Small Multiple Line Chart

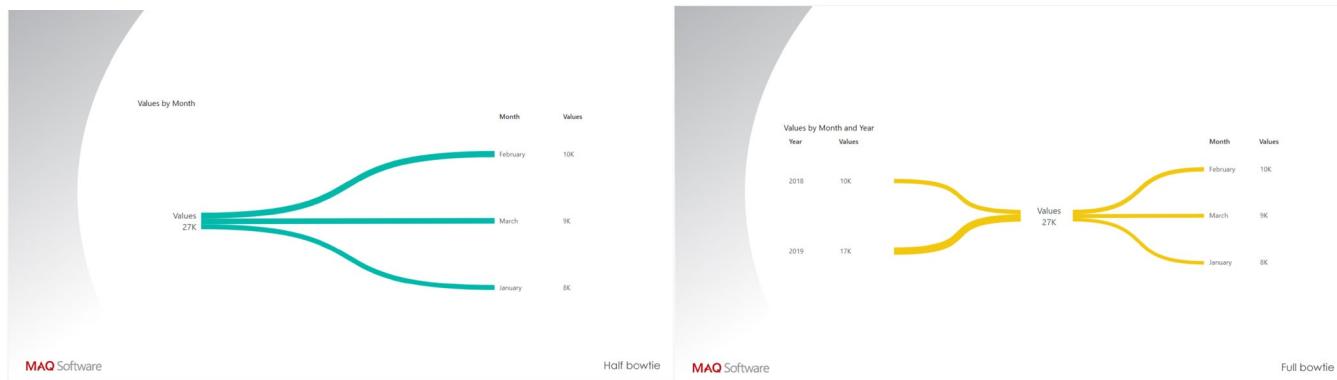


Provides the ability to plot a line chart with small multiples.

A small multiple (also known as a trellis, lattice, panel or grid) is a series of charts using the same scale and axes, allowing them to be easily compared.

This visual allows you to take a measure you might normally plot in a line chart, and duplicate this for the values of another category.

182 Bowtie Chart



Show the flow of data from one category/process to another.

Use Bowtie Chart by MAQ Software to quickly compare values in one or more categories. Bowtie Chart by MAQ Software is ideal for displaying sales metrics, such as the flow of a sale from channel to category. The thickness of the bowtie's branches indicates the relative weight of each category. Create a full bowtie to showcase how a cumulative value splits into two distinct sub-categories. Alternately, you can create a half bowtie, showcasing the distribution of data within a source.

Business Uses:

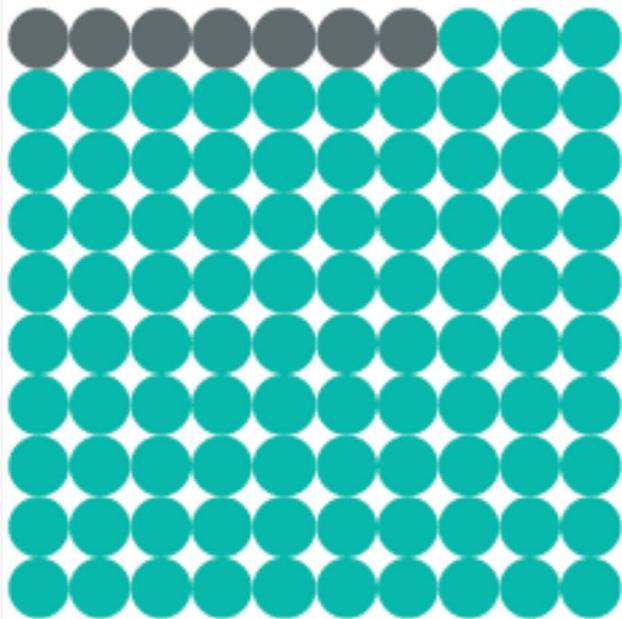
- Risk Management – Compare mitigating factors against the consequences of a risk
- Sales – Break down sales by region and sub-region
- Customer service – Categorize problems by customer type
- Human Resources – Classify new hires over a period by hiring source and department

Key Features:

- Configurable branch color
- Configurable font size, color, and decimal precision for data labels and summary labels
- Configurable format (half bowtie or full bowtie)
- Interactive with other visuals

183 Enlighten Waffle Chart

enlighten designs
WEBSITE DESIGN & SOFTWARE DEVELOPMENT



93%

Believe productivity is
import to happiness.

Show your data effectively with a waffle pop-out number and quote.

Then Enlighten Waffle Chart is an ideal way of showing responses to a surveyed question with a large pop-out number and quote, portraying this data simply and effectively to your audience.

184 Acterys Matrix Light

The screenshot displays several Power BI reports side-by-side:

- Sales Budget:** A matrix report showing Sales Charges and Disposal Charges for the year 2017 across various categories like 201. Mountain, 202. Road, and 203. Accessories.
- Sales Forecast:** A detailed forecast report for 2017, showing projected values for different months and categories.
- Product Sales:** A map-based report titled "Minimap by Sales Territory/Country" showing sales distribution across the United Kingdom.
- Collaboration:** A report titled "Deliverance Budget" showing comments from users like "Acterys allows comments with rich text, size, links" and "Another comment".

Flexible matrix reporting with selective drill down and filtering.

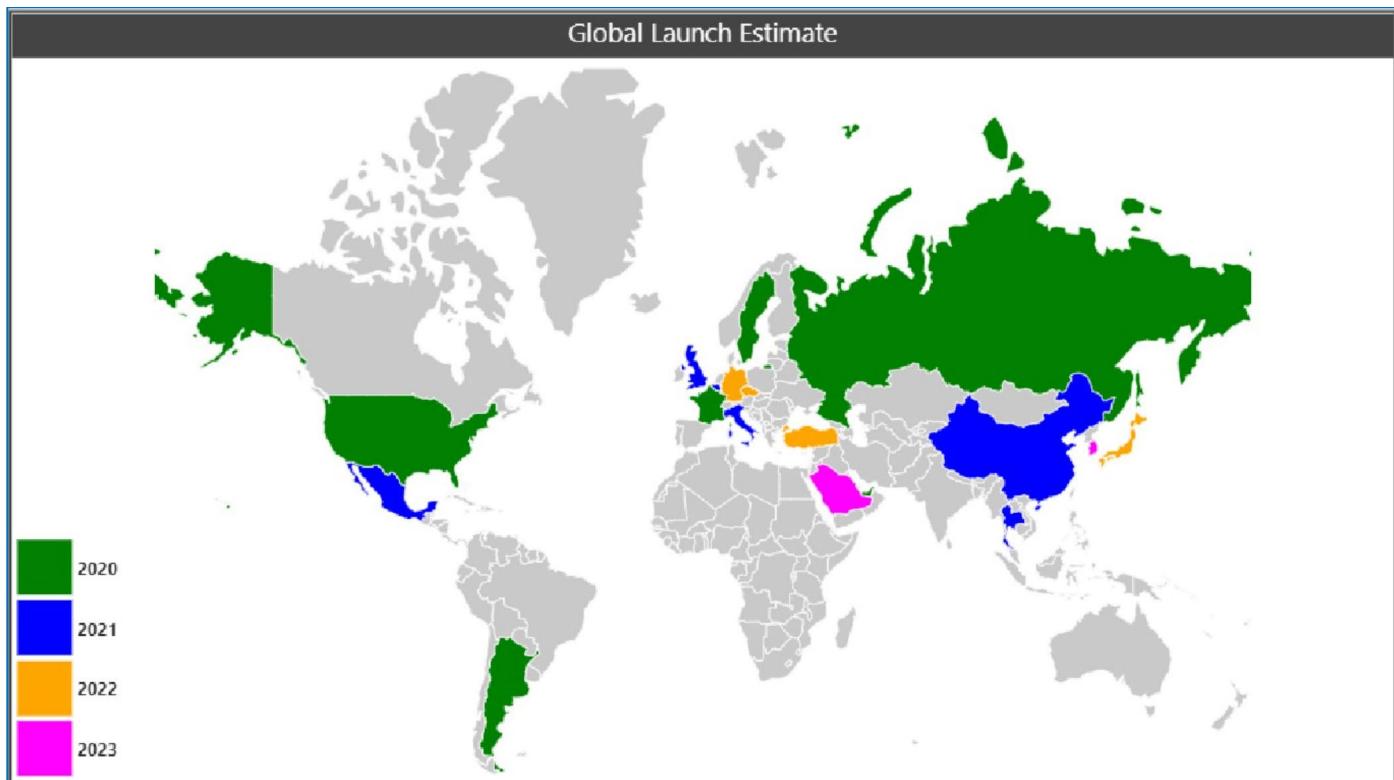
The Acterys (previously Agility Planning) Matrix Light Power BI visual is a basic version of the Acterys Matrix Premium visual that supports all Acterys features particularly comprehensive planning and budgeting, handling of large reports, tree layout and extensive formatting options.

Acterys Matrix Light provides reporting features that are currently missing in the standard matrix like light selective drill down and display of filter elements.

This visual is provided as is and without any warranties.

To submit bugs or feature requests please visit the Acterys support site from the web page that also includes all the details for the full version.

185 Global Launch Estimates



Visualize your locations in the Map view highlighted based on the associated year.

Global Launch Estimates is a type of chart which is used to render the locations of various companies grouped by the associated year. Locations are nothing but countries of different regions such as AfME, Asia, Europe, Lat-Am and NA. It supports two types of views, one is World map view and another one is Regional Map view. As the name suggests world map will render world map with highlighting all the countries from data based on the Year field. The Regional map view renders only the countries of particular region with zoom-in version of that region. It also renders highlight notes which is a description / writeup about the region optionally.

Each country or location has a hyperlink which will point to any document related to that location. Both the views supports filtering by regions. Each location is highlighted by a color which is based on the Launch year of that location. Both the views supports legend by Year and Color. The customization options are Title, View Regional Map, View Highlights, and Default Region.

Title: The value given in this option will be rendered as a title to the chart.

For Regional Map the selected region will be rendered with the title automatically.

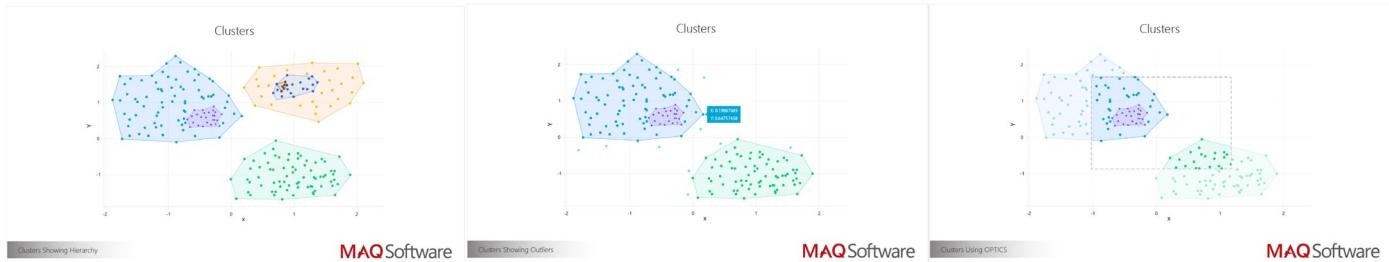
View Regional Map: If we enable this option, it will render the Regional map with the default region focused in.

View Highlights: This option is used to show or hide the highlights of a particular region.

Default Region: This option sets the default region to be rendered when we enable Regional map. Limitation: The chart will show a maximum of 1000 records in the UI.

Restriction: The chart will show 1 year prior, current and 8 years in the future by default

186 Clustering using OPTICS



Use the density-based clustering algorithm OPTICS to analyze groups within a dataset.

Clustering using OPTICS by MAQ Software analyzes and identifies data clusters. The algorithm relies on density-based clustering, allowing users to identify outlier points and closely-knit groups within larger groups. This visual includes adjustable clustering parameters to control hierarchy depth and cluster sizes. R package dependencies (auto-installed): Dbscan, plotly, ggplot2.

Key features:

- Data is scaled and pre-processed automatically, eliminating the need to do so externally.
- Hover tooltips and zoom effects.
- Capability to manually adjust the parameters of the clustering model.

187 Enlighten Legend



Create independent interactives legends, allowing you creativity and flexibility

With the Enlighten Legend you can create independent interactive legends.

Customize your marker shape and data colors.

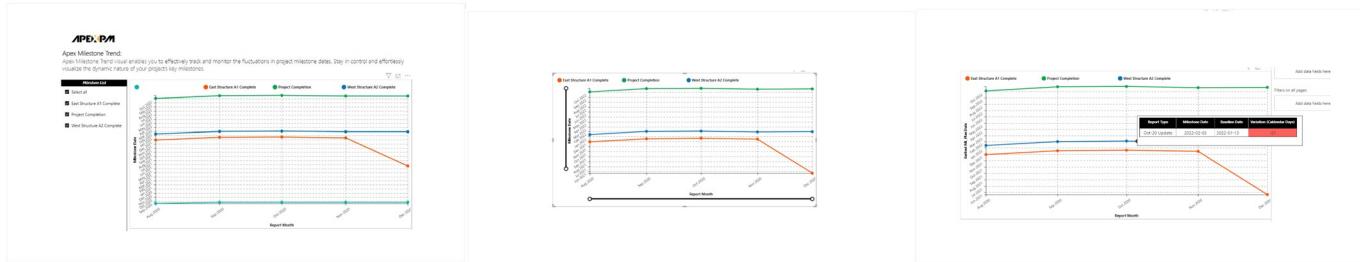
Set label formatting options including hover colors.

The grid layout allows you to layout your legend on how you choose.

Custom sorting allows you to sort your legend according to your rules.

Take control of your legends with the Enlighten Legend

188 Apex Milestone Trend



A professional chart for monitoring and tracking milestone dates

Milestones hold significant importance in project management as they serve as crucial indicators of progress and achievements throughout the project's lifecycle. These key points represent major deliverables, goals, or decision points that ensure successful project completion. Through the diligent monitoring of milestone dates, project managers can effectively track project progress, identify potential issues, and make informed decisions to maintain project alignment.

Monitoring milestone dates offers numerous benefits for enhanced project management. Primarily, it allows project managers to assess whether the project is adhering to the planned timeline. Furthermore, monitoring milestone dates promotes efficient communication and collaboration among project team members, stakeholders, and clients. Moreover, tracking milestone dates aids in resource management and allocation.

The Apex Milestone Trend visual provides a comprehensive visualization tool for project managers and teams, enabling them to monitor changes in milestone dates.

Key Features:

- Extensive Customization Options: allowing users to format the chart according to their preferences including:
 - Axis Customization
 - Legend Customization
 - Gridline Customization
- Interaction Option: Like any other built-in Power BI visuals, it has interaction capabilities with other Power BI visuals on the canvas.
- Custom Tooltip: The tool supports custom tooltips, empowering users to include additional information and details within the Chart.

189 Dynamic Tooltip



Enhance the readability of reports by providing additional data points as tooltips | PBI certified

Add visual aids and indication images with Dynamic Tooltip by MAQ Software, such as a glowing bulb icon in the corner of a chart to indicate the tooltip contains "tips." While most available tooltips only display static information, Dynamic Tooltip by MAQ Software displays both static text and dynamic text. Dynamic text responds to changes in your data sources. When the data in your data source changes, Dynamic Tooltip automatically updates.

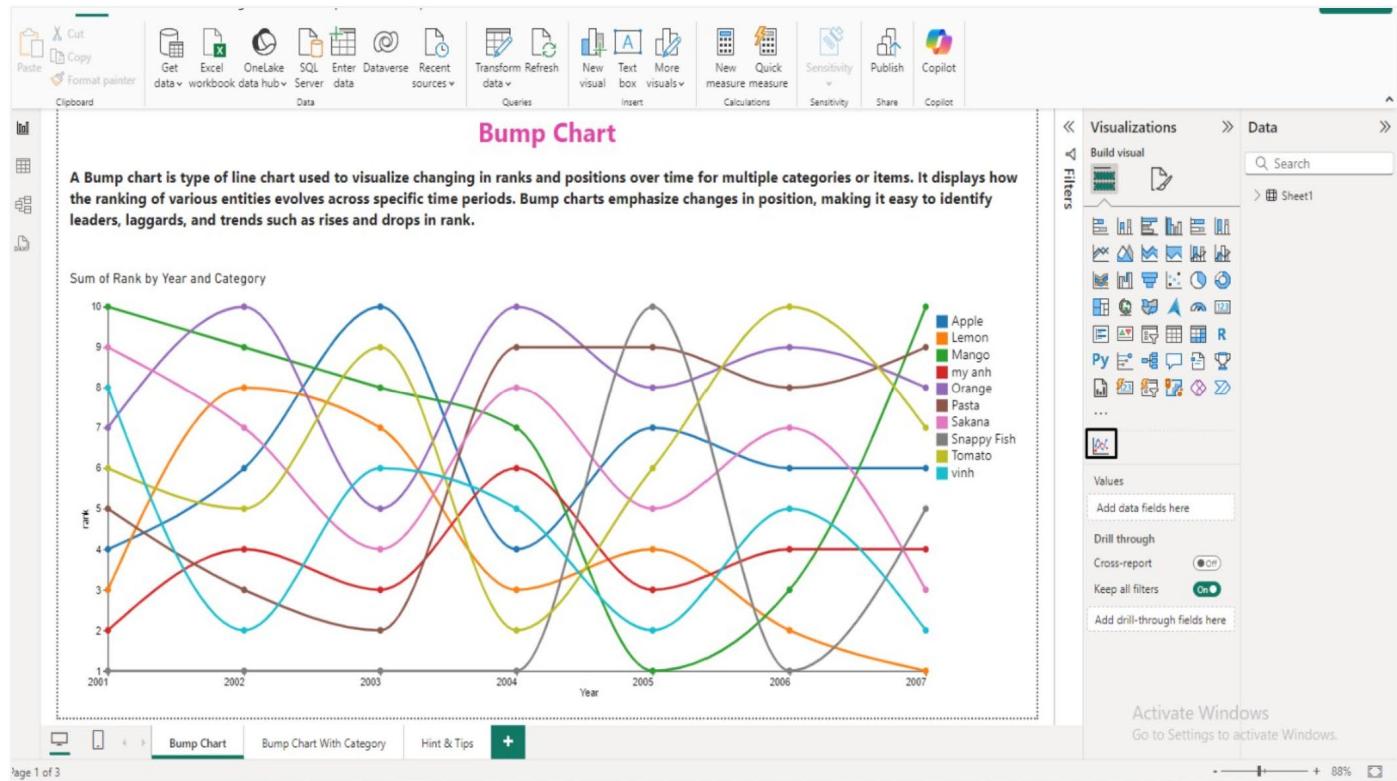
Business Uses:

- Development Team – Adapt the readability of reports for a wide user base
- Sales & Marketing - Highlight the conversion rate and online engagement, bounce rate and page views, click-through rate and bounce rate, or upselling success rate and cross selling success rate
- Operations - Visualize the relationship between cash to cash time cycle and days of inventory, or days of receivables and days of payables.

Key Features:

- Static and dynamic options for report charts
- Customized icon image configuration
- Formatting options for decimals and display unit data.

190 Bump Chart

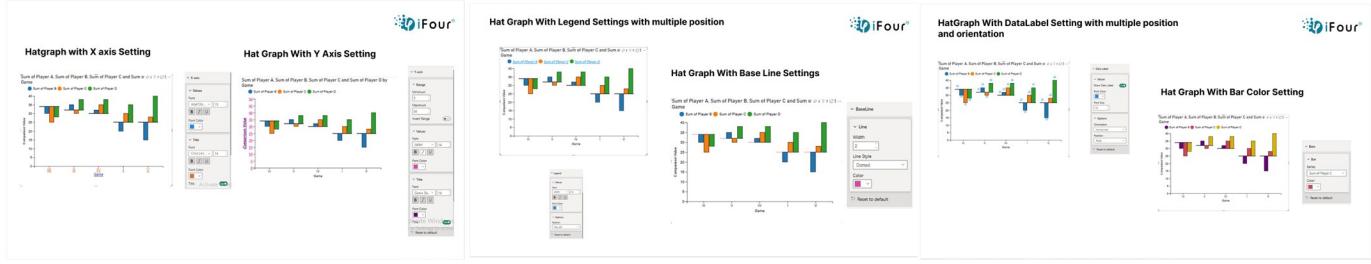


The Bump Chart for Power BI tracks ranking changes over time, highlighting trends.

The Bump Chart custom visual for Power BI provides an engaging method to visualize shifts in rankings or positions over time. It is particularly effective for illustrating how entities such as products, teams, or individuals experience changes in their ranks. This visual tool highlights relative changes and patterns among various categories, delivering insightful perspectives on performance dynamics. Users can extensively customize the visual, including options for modifying the x-axis, y-axis.

- 1) Rank Visualization: The Bump Chart adeptly captures ranking transitions over time, facilitating easy comparisons and spotlighting variations between distinct entities or categories.
- 2) Flexible Customization: Users have the freedom to tailor visual elements, such as axes, colors, font, and tooltip content, to meet their unique analytical requirements.
- 3) Insightful Comparisons: By monitoring changes in ranks, the Bump Chart empowers users to evaluate competitive standings and trends, providing a nuanced understanding of relative performance shifts.
- 4) Informed Strategic Decisions: With its capability to depict ranking variations, the Bump Chart enhances decision-making processes, particularly in scenarios where understanding performance trajectories is vital.
- 5) Trend Analysis: Users can identify long-term trends and patterns in performance over time.

191 Hat Graph



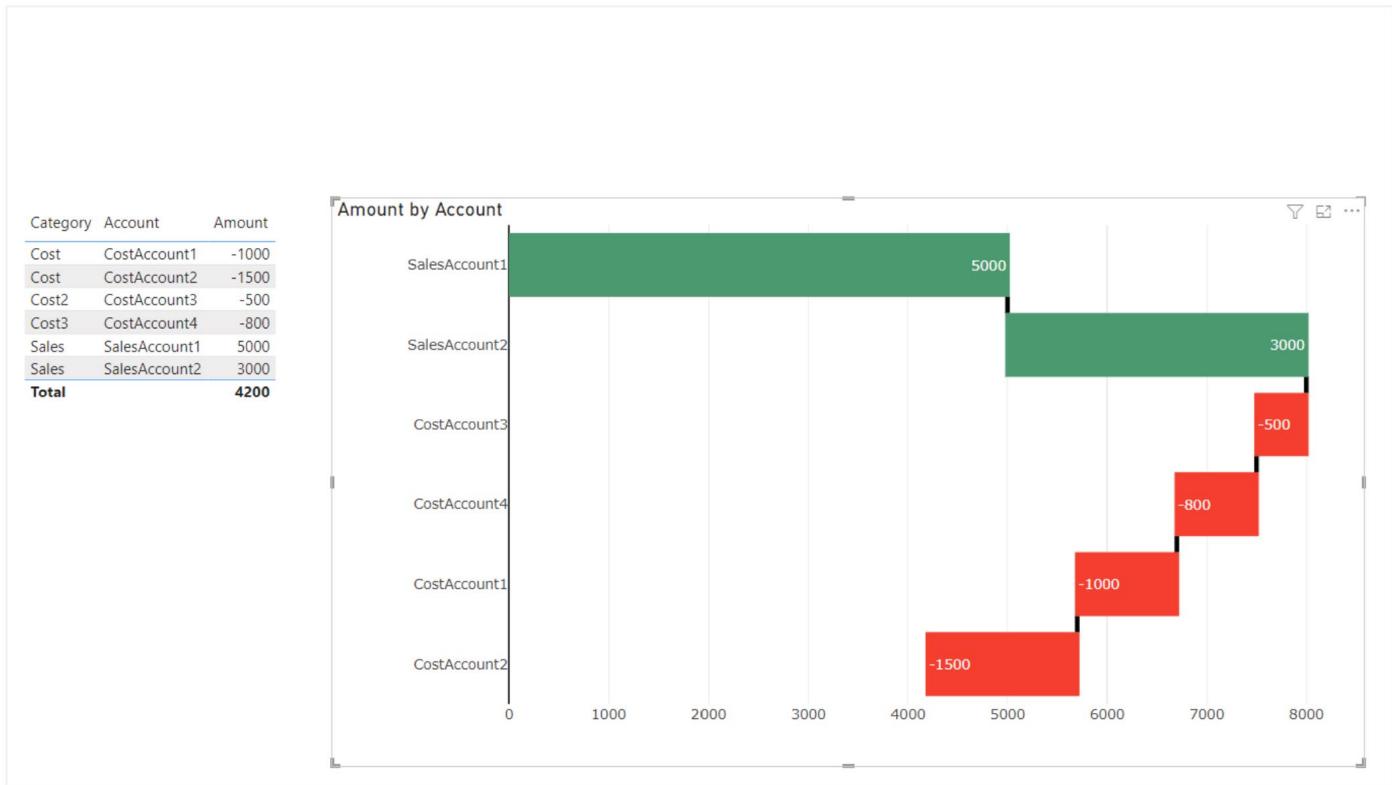
The visual uses vertical bars with caps to highlight thresholds or baselines, simplifying comparison

The custom visual Hat graph is useful to compare the target vs actual, profit vs loss, income vs saving vs expense over a different time period to identify the trend and insight, with adjustable setting of X-axis, Y-axis, Legend to match the customer needs.

Key features

- **X-axis setting-:** The X-axis plays a crucial role in data visualization, and this feature offers extensive customization options. Users can modify the font size, font family, and font color to enhance readability.
- **Y-axis setting-:** Users can personalize the Y-axis settings based on their data representation needs. This includes configuring the axis range, and defining custom intervals for better numerical representation. Font adjustments for axis labels are also available.
- **Legend setting-:** The legend is essential for understanding the different data series in a chart. With this feature, users can modify the text appearance, position the legend at various chart locations (top, bottom, left, or right), and even enable background styling to enhance visibility.
- **Line setting-:** Users can fine-tune the appearance of lines in the visual. This includes modifying the line thickness, changing colors.
- **Datalabel-:** Enabling data labels provides a direct view of values on the chart. This feature allows users to toggle data labels on and off, customize font styles, adjust placement for better visibility.
- **Bar color-:** This feature allows user to change the color of individual bar as per their comort.

192 Plotly Waterfall Chart

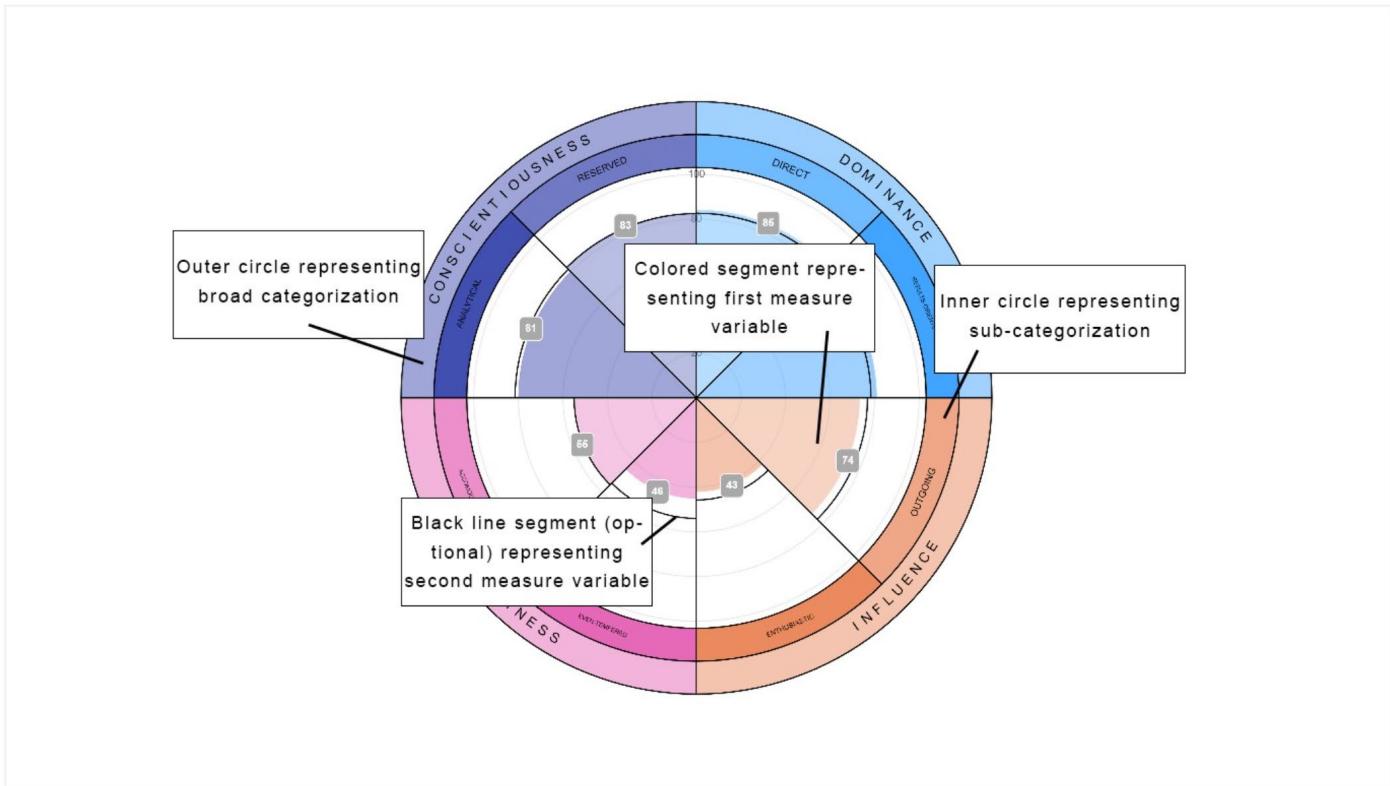


This visual uses the Plotly JS Waterfall Chart.

This visual allows you to use the amazing Plotly Waterfall chart in Power BI!

The primary added value is the ability to zoom into specific parts of the Waterfall Chart

193 Vuurmans_Custom_Polar_Area_Chart



Polar area chart with bifold categorization

Polar area chart with:

- Double categorization, i.e., a top-level category variable, and a sub-category variable
- Possibility of adding two measure variables (e.g., a self-assessment and other-assessment)
- Standard scale of 0-100, such that it can be used to interpret percentages more efficiently

194 Markdown & Mermaid Visual

Country and Sum of Sales

Diagrams

The following are some examples of the diagrams, charts and graphs that can be made using Mermaid and the Markdown-inspired text specific to it.

Read more about Mermaid in [official documentation](#)

Graph

```
graph TD; Hard[Hard] -- Text --> Round[Round]; Round --> Decision{Decision}; Decision -- One --> Result1[Result 1]; Decision -- Two --> Result2[Result 2]
```

Sequence diagram

Markdown viewer and editor for Power BI with Mermaid Diagramming and charting tool

Markdown language markup

Markdown viewer and editor for Power BI, powered by [react-md-editor](#) and [Mermaid](#)

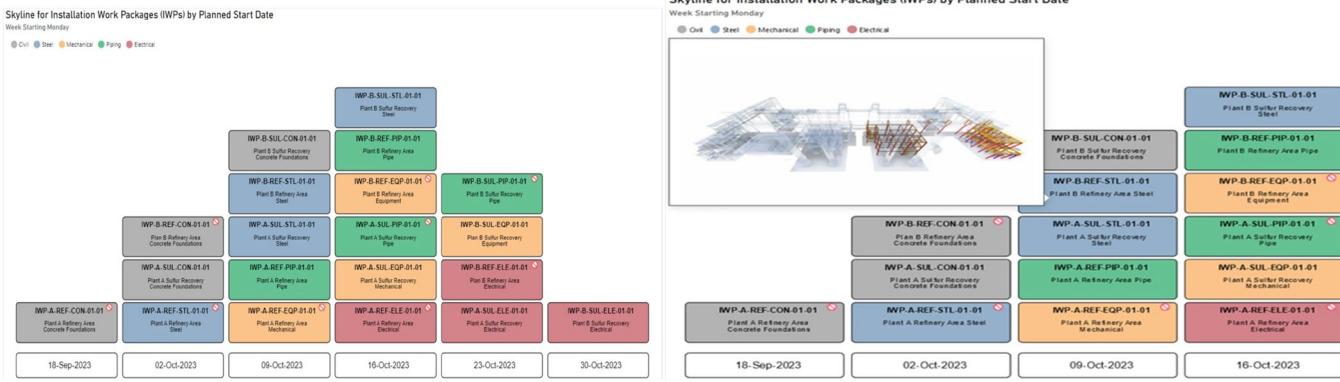
What is markdown markup language?

Markdown is a lightweight markup language for creating formatted text using a plain-text editor.

John Gruber created Markdown in 2004 as an easy to read markup language.

Markdown is widely used for blogging and instant messaging, and also used elsewhere in online forums, collaborative software, documentation pages, and readme files.

195 Skyline



Visually intuitive way of mapping activities into groups or dates.

The Skyline find its roots in the construction planning industry.

Where for many years, they have used Excel and Power BI workarounds for mapping construction activities into groups or planned start/finish dates.

For instance, when displaying Installation Packages over their Planned Start date, the visual showcases the distribution of packages over time with clear emphasis on quantity and timing.

This approach enhances data interpretation by providing a visually intuitive representation of stacked values within the context of their associated categories or dates.

Although rooted in construction, the skyline is not limited to construction planning, in fact it can be used for planning, timeline, kanban, or categorical reports in any industry. The sky is the limit!

The Skyline visualization is available to everyone, free of cost.

196 Stacked Column Chart



Stacked Column Chart by Akvelon is enhanced by rectangle selection of bars

Stacked Column Chart by Akvelon has similar functionality as product Stacked column chart and allows you to plot columns based on category and value data from your data source.

Additionally, it supports rectangle selection - such filtering allows to select multiple columns within rectangle area. This feature will help you to filter specific cluster within your data and update your report accordingly.

Other important features are:

- Legend that supports selection
- Ability to change colors of the columns
- you can set specific color for each Legend category

How to use Small Multiple feature:

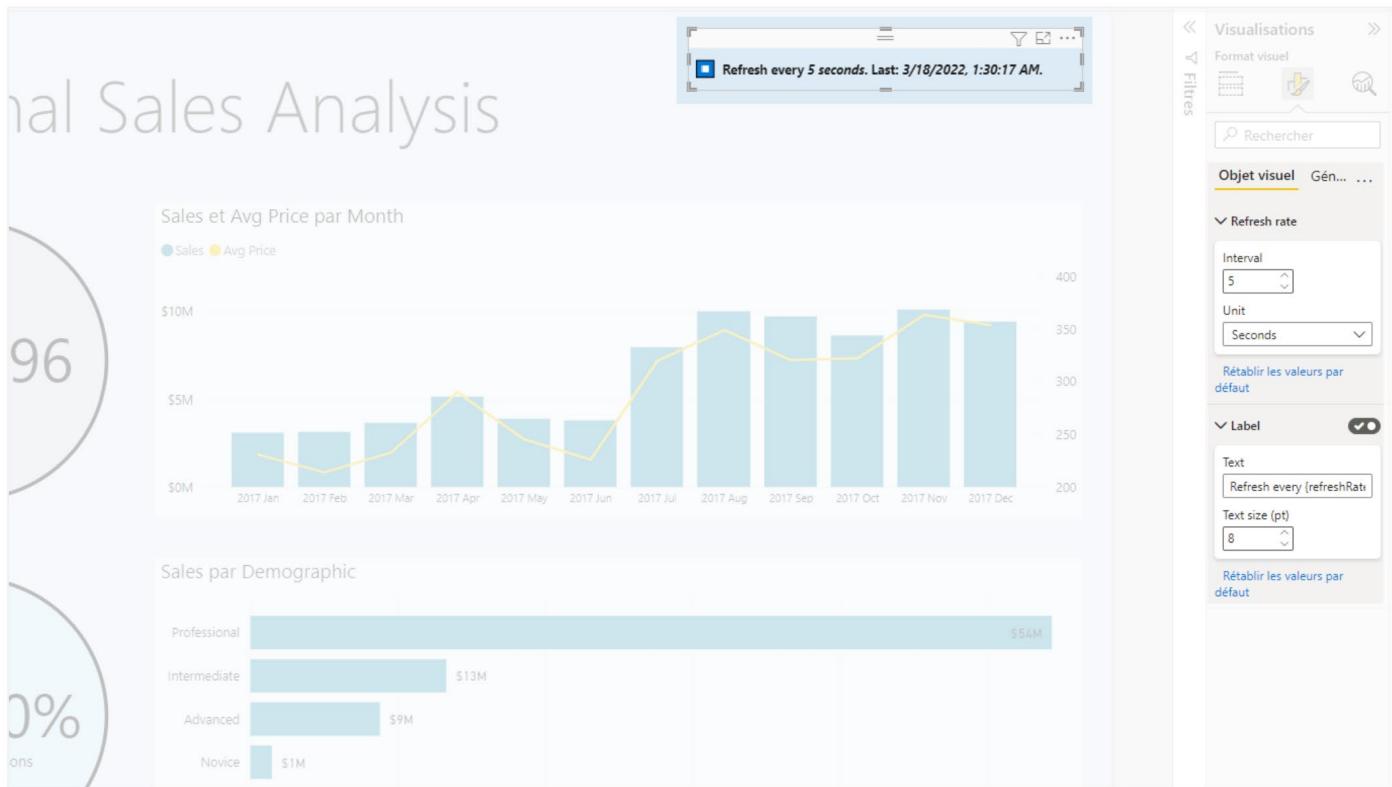
Visuals have following additional “small multiple” field buckets:

- Column By - Row By (can be filled only together with Column By)

User can define rows and columns of the visual in two ways:

- Set both “Row By” and “Column By” field buckets. In this case rows and columns will be generated based on those category values
- Set only “Column By” field bucket and leave “Row By” empty. In that case there will be only one dimension of small multiple categories, and small multiples will be generated from left to right and wrap to the next row
- similar as left-to-right text direction in a page. Note: Color saturation can be set only if Legend is not set.

197 Data Refresher



Visual that repeatedly refreshes data, with a fixed time delay between each refresh.

Use the Data Refresher visual on your reports to repeatedly update the data and the other visuals.

It is particularly useful when you display your dashboard on a TV screen without input devices and you want to see the latest fresh data.

198 Bar and Line Chart with Table



Visualize bar and line chart with table integrated for detailed analysis

This custom visual for Power BI combines a bar and line chart with an integrated table, providing a comprehensive view of your data in a single visual. It's ideal for visualizing trends and relationships between different metrics while also displaying the underlying data in a tabular format for detailed analysis. It has the following features:

Combined Bar and Line Chart: Display two different measures on the same chart, one as bars and the other as a line, allowing for easy comparison and identification of correlations

Integrated Table: Show the underlying data used for the chart in a table below the chart, providing detailed values and enabling in-depth analysis

Interactive Elements: Users can interact with the chart and table, such as hovering over data points to see tooltips, and filtering data

Formatting Options: Customize the colors, fonts, and styling of the chart and table to match your report's theme

Support for Measures and Dimensions: Works with various measures and dimensions from your Power BI data model

How to Use:

Assign Data Roles: Drag and drop the appropriate fields from your data model into the following data roles:

Category (Dimension): The dimension to use for the x-axis (e.g., Product category, month)

Bar Values (Measure): The measure to display as bars

Line Values (Measure): The measure to display as a line

Configure Formatting: Use the visual's formatting option in the Format pane to customize the appearance of the chart and table

199 Bar Chart with Relative Variance

Bar Chart with Relative (%) Variance

IBCS-Style Formatting for time-series % change comparison scenarios

- Invert positive and negative colors
- Adjust colors
- Change font
- Show and hide series data labels
- Increase and decrease value decimal places
- Customize colors
- Currency alignment to thousands (,), millions (M), and billions (B)

Additional Features

- Hierarchical drill-down capability
- Highlights, bold and more customized formatting

Use hierarchy to drill-down and understand your KPI

Comparing Revenue by Department

Dept	Actual vs. Planned	Actual vs. Previous Year
Dept 1	\$120,000	\$110,000
Dept 2	\$130,000	\$120,000
Dept 3	\$140,000	\$130,000
Dept 4	\$150,000	\$140,000
Dept 5	\$160,000	\$150,000

Actual vs. Planned Revenue by Department and Region

Dept	Region	Actual vs. Planned	Actual vs. Previous Year
Dept 1	Region 1	\$100,000	\$90,000
Dept 1	Region 2	\$110,000	\$100,000
Dept 1	Region 3	\$120,000	\$110,000
Dept 1	Region 4	\$130,000	\$120,000
Dept 2	Region 1	\$140,000	\$130,000
Dept 2	Region 2	\$150,000	\$140,000
Dept 2	Region 3	\$160,000	\$150,000
Dept 2	Region 4	\$170,000	\$160,000
Dept 3	Region 1	\$180,000	\$170,000
Dept 3	Region 2	\$190,000	\$180,000
Dept 3	Region 3	\$200,000	\$190,000
Dept 3	Region 4	\$210,000	\$200,000
Dept 4	Region 1	\$220,000	\$210,000
Dept 4	Region 2	\$230,000	\$220,000
Dept 4	Region 3	\$240,000	\$230,000
Dept 4	Region 4	\$250,000	\$240,000

How to add hierarchy?

User Fields Pane

- Go to "Fields Panel"
- On the right side of your screen and right click on the "tree door" of your data field
- Choose "New hierarchy" on the add hierarchy
- Highlight the hierarchy you want to use
- Right click on the tree root of your data field
- Choose "Add to hierarchy"
- Click an existing hierarchy

Once hierarchy is set you can drag the hierarchy to Category on the chart and drill through the data on the top left corner of the chart.

The option highlighted below is what you need to drill-down or drill-up your data

VISUALIZATIONS FIELDS

FIELDS

Actual vs. Planned Revenue by Department and Region

Actual vs. Previous Year

Actual vs. Planned

Dept 1 Dept 2 Dept 3 Dept 4

Region 1 Region 2 Region 3 Region 4

Dept 1 Region 1 Dept 1 Region 2 Dept 1 Region 3 Dept 1 Region 4 Dept 2 Region 1 Dept 2 Region 2 Dept 2 Region 3 Dept 2 Region 4 Dept 3 Region 1 Dept 3 Region 2 Dept 3 Region 3 Dept 3 Region 4 Dept 4 Region 1 Dept 4 Region 2 Dept 4 Region 3 Dept 4 Region 4

100,000 110,000 120,000 130,000 140,000 150,000 160,000 170,000 180,000 190,000 200,000 210,000 220,000 230,000 240,000 250,000

90,000 100,000 110,000 120,000 130,000 140,000 150,000 160,000 170,000 180,000 190,000 200,000 210,000 220,000 230,000 240,000

100,000 110,000 120,000 130,000 140,000 150,000 160,000 170,000 180,000 190,000 200,000 210,000 220,000 230,000 240,000 250,000

110,000 120,000 130,000 140,000 150,000 160,000 170,000 180,000 190,000 200,000 210,000 220,000 230,000 240,000 250,000

120,000 130,000 140,000 150,000 160,000 170,000 180,000 190,000 200,000 210,000 220,000 230,000 240,000 250,000

130,000 140,000 150,000 160,000 170,000 180,000 190,000 200,000 210,000 220,000 230,000 240,000 250,000

140,000 150,000 160,000 170,000 180,000 190,000 200,000 210,000 220,000 230,000 240,000 250,000

150,000 160,000 170,000 180,000 190,000 200,000 210,000 220,000 230,000 240,000 250,000

160,000 170,000 180,000 190,000 200,000 210,000 220,000 230,000 240,000 250,000

170,000 180,000 190,000 200,000 210,000 220,000 230,000 240,000 250,000

180,000 190,000 200,000 210,000 220,000 230,000 240,000 250,000

190,000 200,000 210,000 220,000 230,000 240,000 250,000

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220,000 230,000 240,000 250,000

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240,000 250,000

250,000

Calculates percentage change and displays an overlapped bar chart with lollipop variance

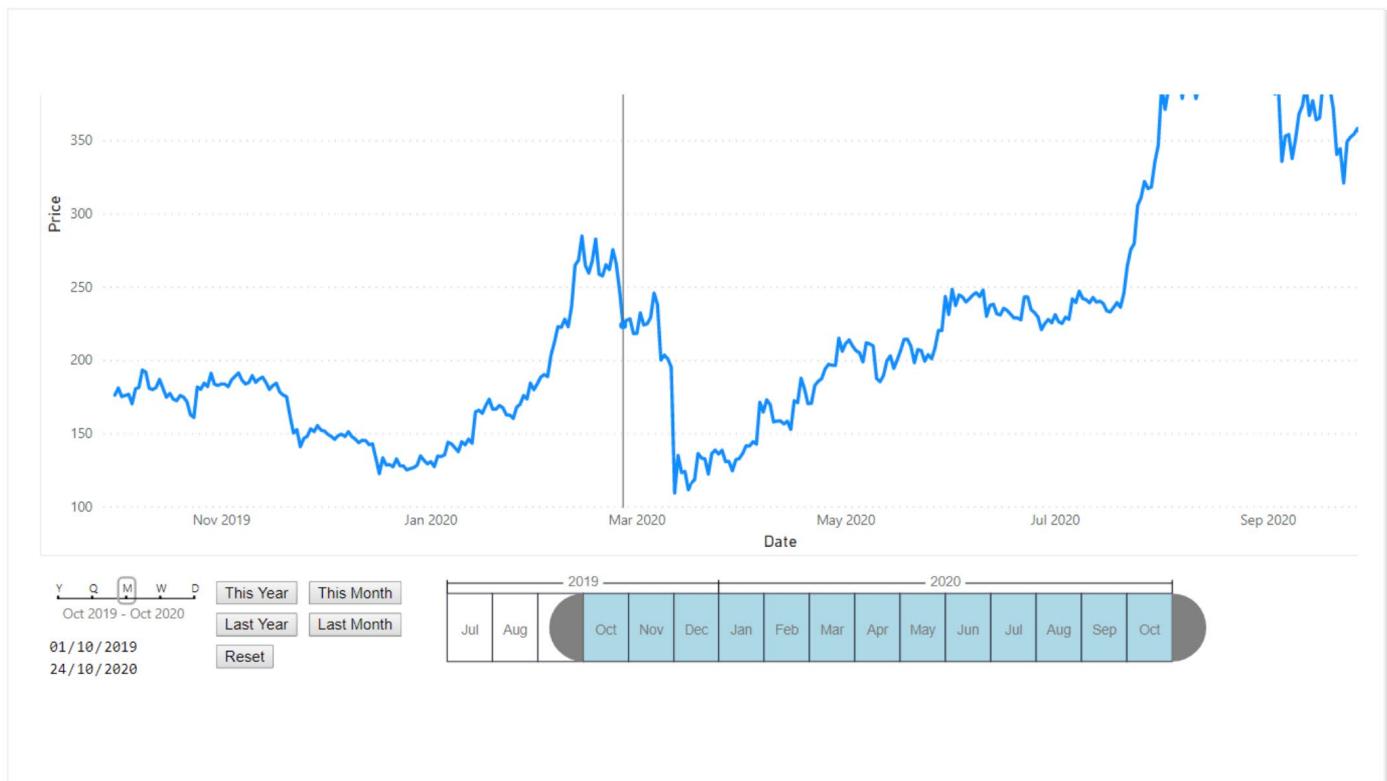
Bar Chart with Relative (%) Variance automatically calculates relative or percentage variance between two scenarios and generates an overlapping bar chart that displays the relative variance with a lollipop chart situated parallel to the chart.

The visualization is meant for comparing Actual, Forecast, Planned, and Previous Year data. Formatting for the charts is influenced by the International Business Communication Standards (IBCS).

Customization available includes inverting the colors for red and green, resizing the data label font sizes, highlighting data labels, hiding data labels, drill down by category, adjusting units (to thousands-K, Millions-M, Billions-B) and more.

This visualization is ideal for comparing “Actual vs. Planned”, “Actual vs. Previous Year”, “Forecast vs. Planned”, and “Forecast vs. Previous Year”.

200 ParaTimeLine



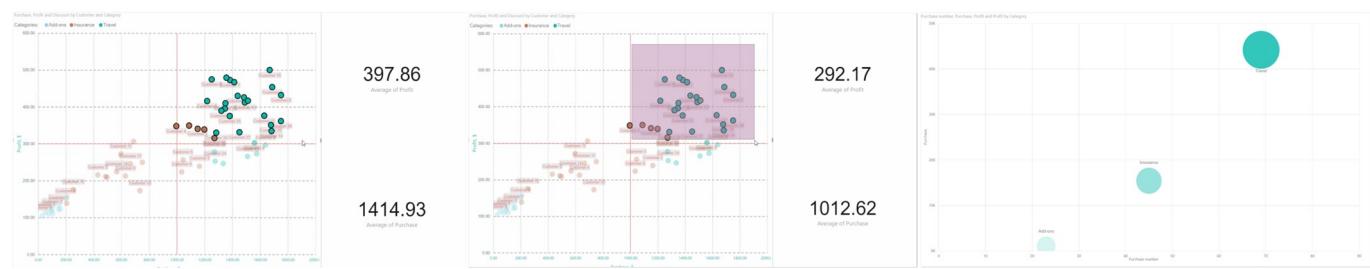
ParaTimeLine is an intuitive filter designed for filtering data with dates

The ParaTimeLine custom filter a reimagined and improved custom filter, based on the original Microsoft Timeline filter.

This filter is slimmer and easy to place at the top or the bottom of the screen.

Updated to version 3.4.8 May 2022.

201 Scatter Chart



Visualize your data with Scatter Chart with rectangle selection support

Scatter Chart by Akvelon is similar to other two-dimensional chart visuals and allows you to assess your units using multiple measures - X and Y axes coordinates, point size and saturation.

Additionally, it supports rectangle selection - such filtering allows to select multiple points of the scatter within rectangle area.

This feature will help you to filter specific cluster within your data and update your report to show information about that specific data points.

Other important features are:

- Drill mode to visualize hierarchical data
- X and Y constant lines.

Such lines will help to create quadrant charts to assess state of your units, or create specific "good" and "bad" zones and see which points are falling into them.

- Legend that supports selection
- Ability to change colors of the points
- you can set specific color for each Legend category
- Ability to change styling of rectangle selection
- set transparency of selected and not selected points, color of selection rectangle.

You can adjust those according to the styling of your Power BI report.

202 Clustered Column Chart



Clustered Column Chart By Akvelon is enhanced by rectangle selection of columns

Clustered Column Chart by Akvelon has similar functionality as product Clustered column chart and allows you to plot bars based on category and value data from your data source.

Additionally, it supports rectangle selection - such filtering allows to select multiple columns within rectangle area. This feature will help you to filter specific cluster within your data and update your report accordingly.

Other important features are:

- Legend that supports selection
- Ability to change colors of the columns
- you can set specific color for each Legend category

How to use Small Multiple feature:

Visuals have following additional “small multiple” field buckets:

- Column By - Row By (can be filled only together with Column By)

User can define rows and columns of the visual in two ways:

- Set both “Row By” and “Column By” field buckets. In this case rows and columns will be generated based on those category values
- Set only “Column By” field bucket and leave “Row By” empty.

In that case there will be only one dimension of small multiple categories, and small multiples will be generated from left to right and wrap to the next row

– similar as left-to-right text direction in a page.

Note: Color saturation can be set only if Legend is not set.

203 Data Insights



Explore, understand, and interact with data by enabling insights in various forms.

Data Insights by MAQ Software allows users to view data in multiple formats and quickly narrow data results. Users can switch between horizontal bar, vertical bar, brick, or tabular formats. With Data Insights by MAQ Software, users can easily explore data, select specific data, and view selected data in the format that best fits individual business needs.

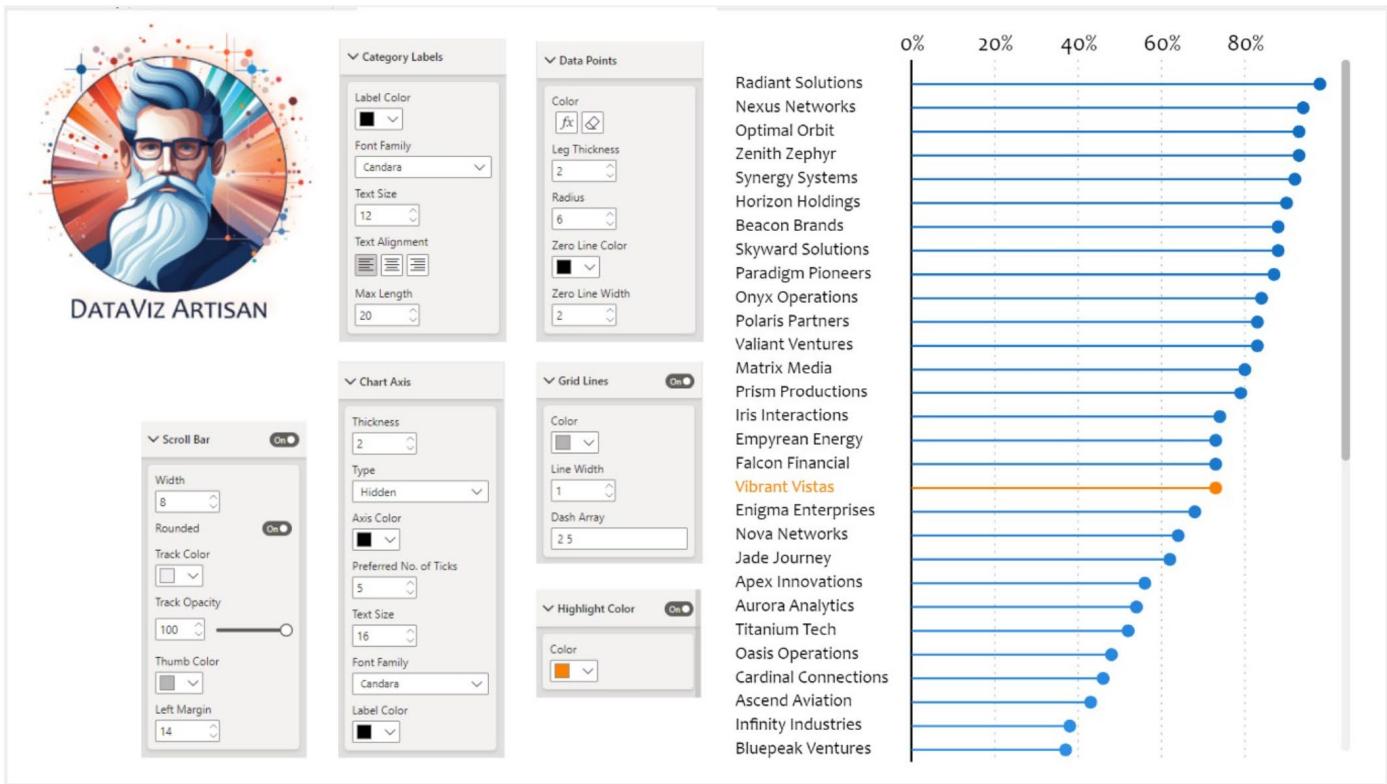
Key features:

- Display data in bar, brick, and tabular formats.
- Custom text and background colors.
- Tooltips with additional insights.
- Data by color and legends.

Business applications:

- Display multiple sales KPIs simultaneously.
- Shift between multiple KPIs or reporting periods by changing the axis base.

204 Dot Chart



Dot Chart - a sophisticated, yet straightforward tool to convey complex data narratives visually.

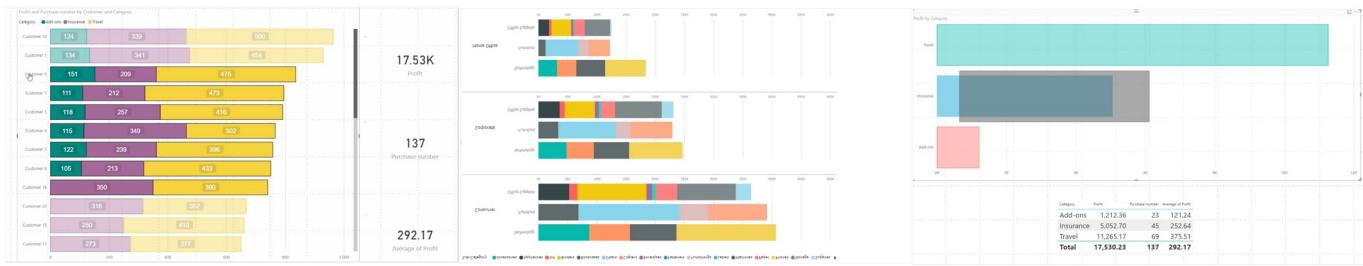
The Dot Chart, the horizontal lollipop chart, is a versatile and intuitive data visualization tool designed to present your data clearly and engagingly.

It utilizes simple dots to represent data points linked by lines that guide the eye, making patterns, trends, and outliers instantly recognizable.

This visual is particularly effective when comparing values across categories, making it a valuable asset in diverse fields, including business intelligence, research, and more.

Whether you want to represent statistical distributions, frequencies, or comparative data, the Dot Chart offers a clean, minimalist approach to illuminate your insights.

205 Stacked Bar Chart



Stacked Bar Chart by Akvelon is enhanced by rectangle selection of bars

Stacked Bar Chart by Akvelon has similar functionality as product Stacked bar chart and allows you to plot bars based on category and value data from your data source.

Additionally, it supports rectangle selection - such filtering allows to select multiple bars within rectangle area. This feature will help you to filter specific cluster within your data and update your report accordingly.

Other important features are:

- Legend that supports selection
- Ability to change colors of the bars
- you can set specific color for each Legend category

How to use Small Multiple feature: Visuals have following additional “small multiple” field buckets:

- Column By - Row By (can be filled only together with Column By) User can define rows and columns of the visual in two ways:

- Set both “Row By” and “Column By” field buckets.

In this case rows and columns will be generated based on those category values

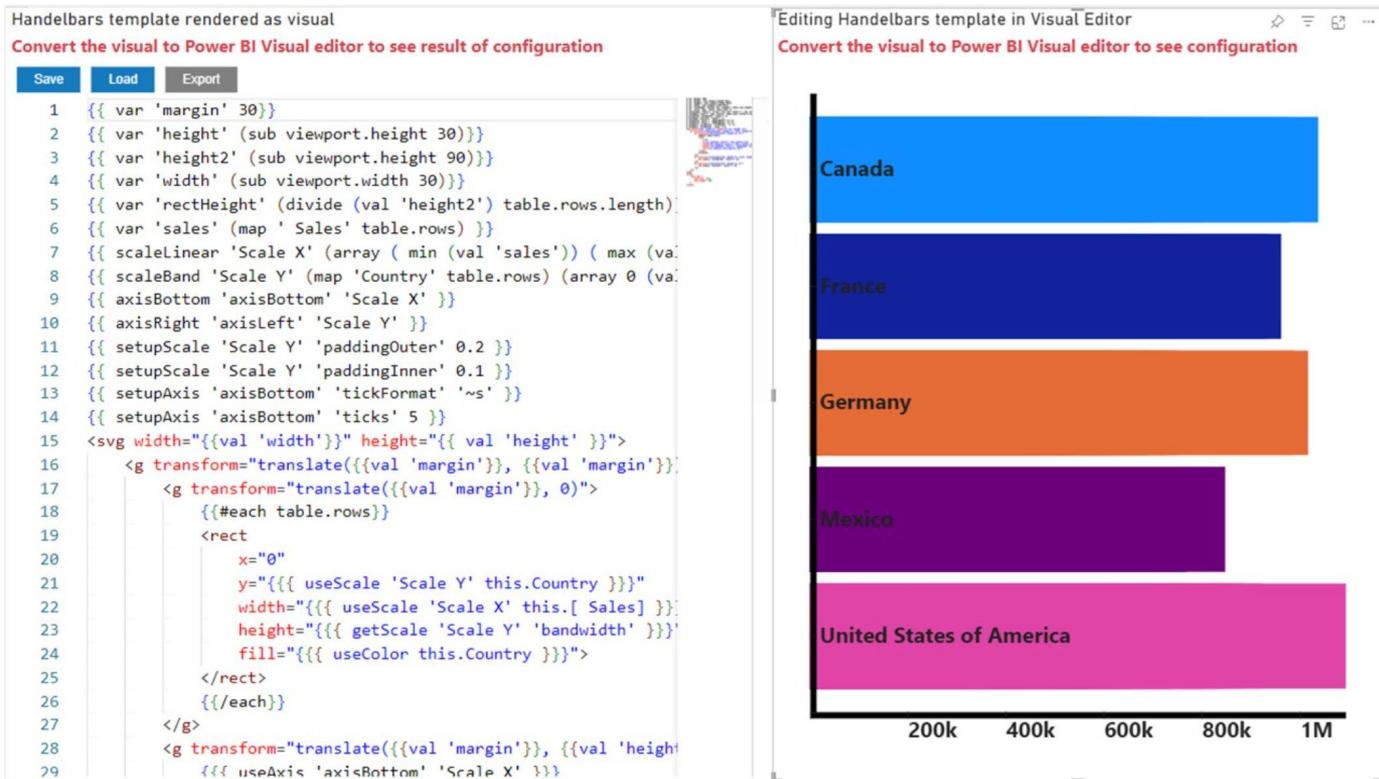
- Set only “Column By” field bucket and leave “Row By” empty.

In that case there will be only one dimension of small multiple categories, and small multiples will be generated from left to right and wrap to the next row

- similar as left-to-right text direction in a page.

Note: Color saturation can be set only if Legend is not set.

206 HTML/SVG/Handlebars Visual



The visual uses Handlebars.js to render template and bind data from Power BI

Handlebars is a simple templating language.

It uses a template and an input object (Data Power BI) to generate HTML or other text formats.

Handlebars templates look like regular text with embedded Handlebars expressions.

A handlebars expression is a {{, some contents, followed by a }}.

When the template is executed, these expressions are replaced with values from an input object.

207 Workforce

Sales Force Summary					
	Company 1	Company 2	Company 3	Company 4	Company 5
	Product 1	Product 2	Product 3	Product 4	Product 5
	 83 (58 FTE)	 23 (23 FTE)	 42 (27 FTE)	 30 (30 FTE)	 35 (29 FTE)
Level 1	1 Vice President	1 Vice President	1 Vice President	1 Vice President	1 Vice President
Level 2	4 Regional Managers	2 Regional Managers	3 Regional Managers	1 Director of Sales	1 Area Business Director
Level 3	10 Medical Science Liasons + 33 Growth Hormone Therapy Managers	15 Growth Hormone Therapy Managers	10 Medical Science Liasons + 13 Growth Hormone Therapy Managers	15 Medical Science Liasons	8 Medical Science Liasons + 12 Growth Hormone Therapy Managers
Level 4	20 - 25 Case Managers + 13 Nurse Educators	5 Nurse Educators	15 Case Managers	13 Nurse Educators	6 Case Managers + 7 Nurse Educators
footer 1		footer 2	footer 3	footer 4	footer 5

Based on Data Collected on May 2020

Visualize your workforce in a tabular view.

Workforce is a type of chart which is used to render companies and their staffs in a table view. Each department or Product or subdivision of the company can be rendered as column in a table. Each column or vertical view has company name, product name, no of staffs and staff details. The staff details are categorized into four levels which are Level 1, Level 2, Level 3, Level 4. It supports two types of footer texts. One is per column and other is global footer for the visual. The customization options are Title, Row Titles, Footer Text, Flag, Header Image URL and Footer Image URL.

Title: The value given in this option will be rendered as a title to the chart.

Row Titles: By using this option we can rename the staff categories which are Level 1, Level 2, Level 3 and Level 4 by default.

Footer Text: This option is used specify the global footer for the visual.

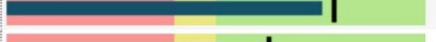
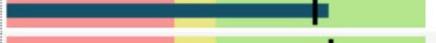
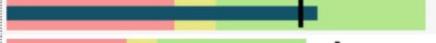
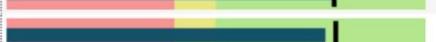
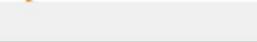
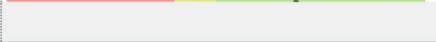
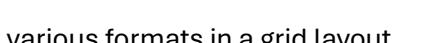
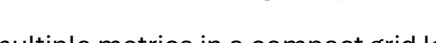
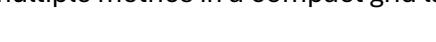
Flag: This option is used to render a flag by country name at the top left corner of the visual.

Header Image URL: The URL given in this field will be rendered as an image to the header of the report.

Footer Image URL: The URL given in this field will be rendered as an image to the footer of the report.

Following are the limitations within the visualization The visulization will show a maximum of 10 records in the UI.

208 VitaraCharts - MicroChart

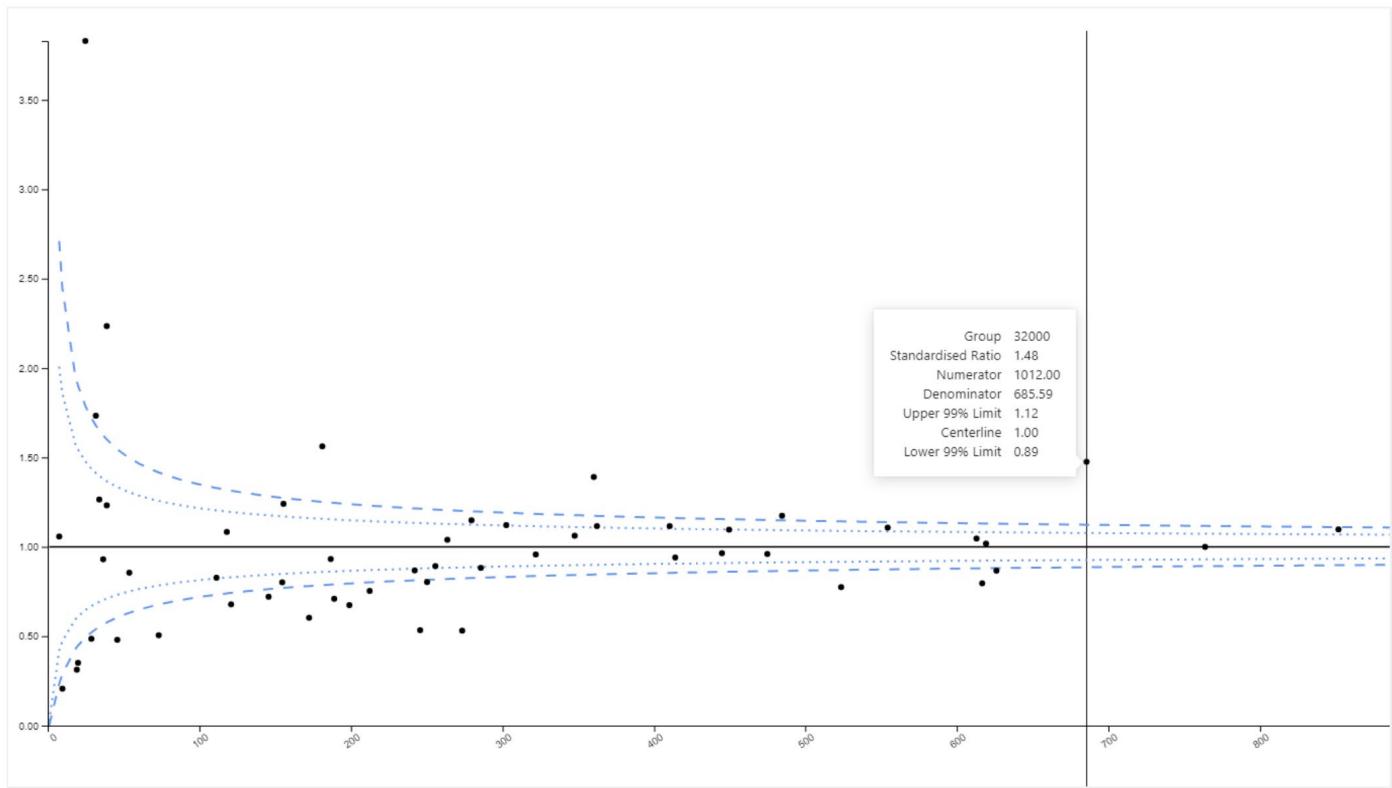
Salesperson	Sales	Sales_Performance	Sales last month
+ Aaron Henderson(12)			384150
+ Alan Freeman(12)			276228
+ Bruce Smith(12)			467942
+ George Chavez(12)			366260
+ Henry Watkins(12)			413804
+ Jason Fowler(12)			375227
+ Jeffrey O' Brien(12)			361754
+ Joe Hayes(12)			402937
+ Joyce Griffin(12)			335552
+ Kenneth Robertson(12)			297724
+ Lisa Bennett(12)			265930
+ Louis Grant(12)			264200
+ Rose Andrew(12)			74854
+ Roy Day(12)			266992
+ Sarah Schmidt(12)			373874
+ Scott Frazier(12)			169680
Grand Totals			6831194

Compact visual representation of key metrics in various formats in a grid layout

MicroCharts provide an intuitive way to look at multiple metrics in a compact grid layout.

Each metric in layout can be presented as a different visual that best serves to convey its meaning.

209 Funnel Charts



Create a funnel plot to identify outliers in your cross-sectional data

Funnel plots are a popular tool for identifying outliers when comparing measurements from multiple organizations or establishments.

These charts allow you to identify whether a given unit is likely to be statistically different from the others, after accounting for the uncertainty due to differing/limited amounts of observations, by drawing "control limits" within which 99.8% of observations are expected to fall.

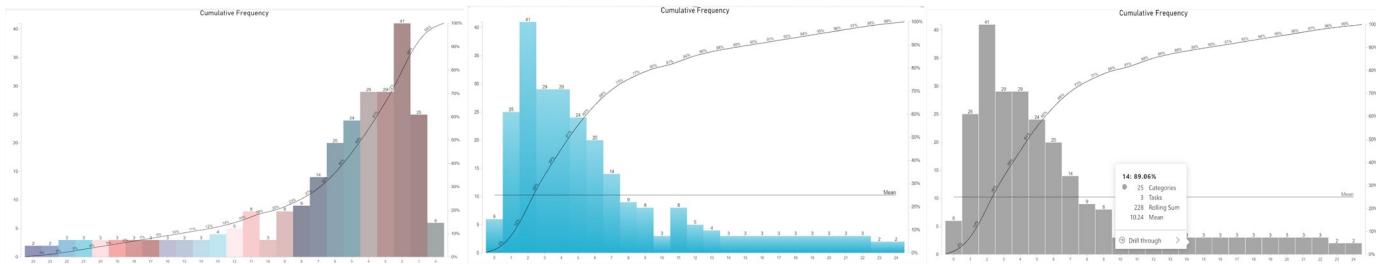
The visual is implemented purely within PowerBI and has no dependencies on external programs like R or Python.

The visual natively supports tooltips as well as cross-plot filtering and highlighting.

The following chart types are (currently) implemented:

- Proportion
- Indirectly
- Standardized Ratios
- Ratio of Counts (Rates)

210 Cumulative



Plot frequency against categorical or grouped data, creating a cumulative frequency distribution.

“Cumulative by sio2Graphs” was designed to be quick and easy!

Hundreds of categories, no problem. Make it your own with a wide array of customizations.

Present your data without the use of high maintenance measures or complicated DAX formulas. *Even a small number of measures can become cumbersome.*

Cumulative frequency can help businesses understand the percentage a metric of interest is occurring at or less than at point x. This can help to set quality limits, track where resources are needed, plan for improvements, or use as a learning and marketing tool.

Plot cumulative frequency on the y-Axis against time or categorical boundaries on the x-Axis, creating a cumulative frequency distribution. Frequency is the number of times an event or outcome occurs. Distribution is how frequency is spread over categories, boundaries or time. The cumulative or relative frequency at point x is the sum of individual frequencies up to and at point x.

Customizations

- Fonts, colors and sizes
- Scrolling and resizing
- Label placement and editing
- Text hovering to increase readability
- Value & currency formatting
- Thinning arc percentage labels
- Multiple coloring options
- Value placement
- Localizations
- 1-Click formatting
- Highlighting the process drivers
- Display and highlight the Mean

211 Excalibur

The screenshot shows the Power BI Excalibur filtering interface. On the left, there are three filter panels: 'Category' (selected 'Furniture'), 'City' (selected 'Aachen'), and 'Country' (selected 'Germany'). Each panel has a 'Clear' button (X) and a 'More' button (down arrow). On the right, a table displays data filtered by these criteria. The table has columns: Category, City, Country, Profit, and Quantity. The data rows are: Furniture (Aachen, Germany), Furniture (Aalen, Germany), Office Supplies (Aachen, Germany). A summary row at the bottom shows 'Total' Profit: 1,385.50 and Quantity: 62.

Category	City	Country	Profit	Quantity
Furniture	Aachen	Germany	396.17	10
Furniture	Aalen	Germany	283.01	3
Office Supplies	Aachen	Germany	706.32	49
Total			1,385.50	62

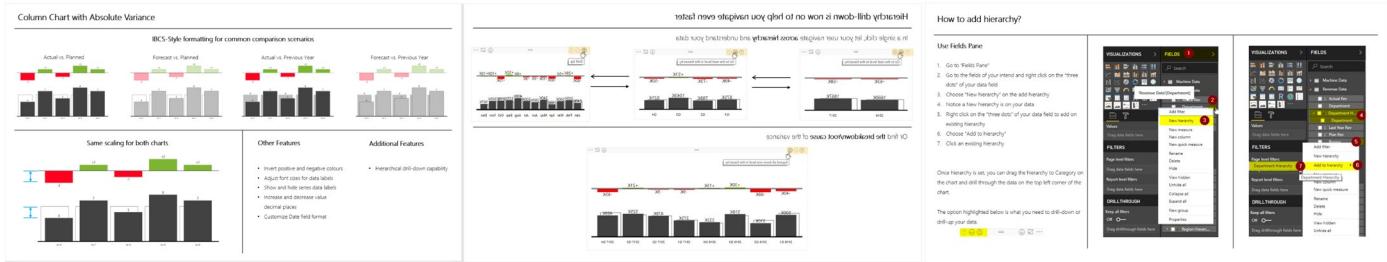
Track patterns, classify data, work on clusters and perform many other types of analysis.

Inspired by the legendary sword of King Arthur, experience the power of our filtering tool – Excalibur. It is designed to make your data-slicing process in Power BI Reports more accessible and user-friendly. Tested on 5 million rows for its superior performance, it improves the speed of your filtering process.

Enjoy the below features:

- Ease of selecting multiple fields at the same time, with the choices made by the user to be visible at a glance
- Reduces the complexity of filtering by multiple fields while keeping track of the options the user has already made
- Get prompt results by typing relevant data in the search box. It enables users to find specific content in their reports quickly
- Enables the user to select all values at once without having to choose each value manually, thus saving time
- Helps users create an easy-to-use, intuitive filter for their reports and dashboards
- With an array of options to format the visual data based on color, font, size, etc., be sure to create an impression
- Option to clear selected values is available at multiple levels, which helps users to clear values quickly as per their convenience Wield this in your battle of data analysis, cut through data layers, and emerge victorious.

212 Column Chart with Variance



This chart allows you to use two datasets to generate an overlapping column chart with variance.

Column Chart with Variance allows you to use two datasets to generate an overlapping column chart that displays the two datasets with a variance chart situated directly above.

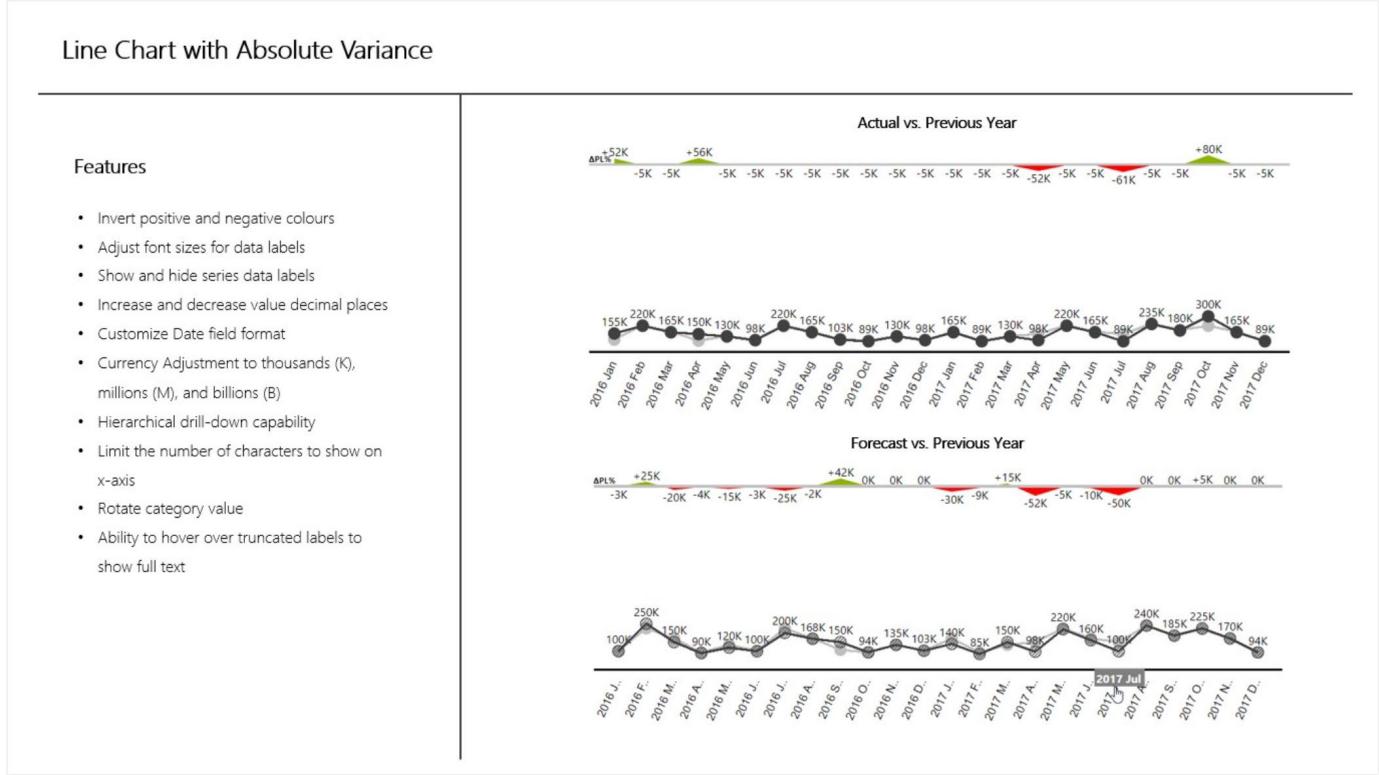
The visualization is meant for comparing Actual, Forecast, Planned, and Previous Year data.

Formatting for the charts is influenced by the International Business Communication Standards (IBCS).

Customization available includes inverting the colors for red and green, resizing the data label font sizes, hiding data labels, adjusting units (to thousands-K, Millions-M, Billions-B) and more.

This visualization is ideal for comparing “Actual vs. Planned”, “Actual vs. Previous Year”, “Forecast vs. Planned”, and “Forecast vs. Previous Year”.

213 Line Chart with Absolute Variance



Automatically calculates absolute variance and displays data in a line chart with the variance on top of the line for each category.

Line Chart with Absolute Variance takes two datasets and automatically calculates the absolute variance between the two data.

It plots the two datasets in a line chart and shows absolute variance on top of the line for each category.

Visualization is influenced by the International Business Communication Standards (IBCS) where colors red and green are used to flag the bad and good indicators respectively.

Customization options include: inverting the colors for red and green; resizing the data label font sizes; hiding data labels; increasing or decreasing decimal places; adjusting value to thousands (K), millions (M), and billions (B); drilling-down hierarchical data; adjusting number of characters to show on x-axis labels ; rotating x-axis labels for clarity; hovering capability to show full text for truncated x-axis labels and more.

This chart is useful to compare “Actual vs. Planned”, “Actual vs. Previous Year”, “Forecast vs. Planned”, and “Forecast vs. Previous Year” data.

214 Hexbin Scatterplot



Display scatterplot points on top of hexagon bins

The Hexbin Scatterplot is a custom visual for Microsoft Power BI that displays points on top of hexagonal "bins".

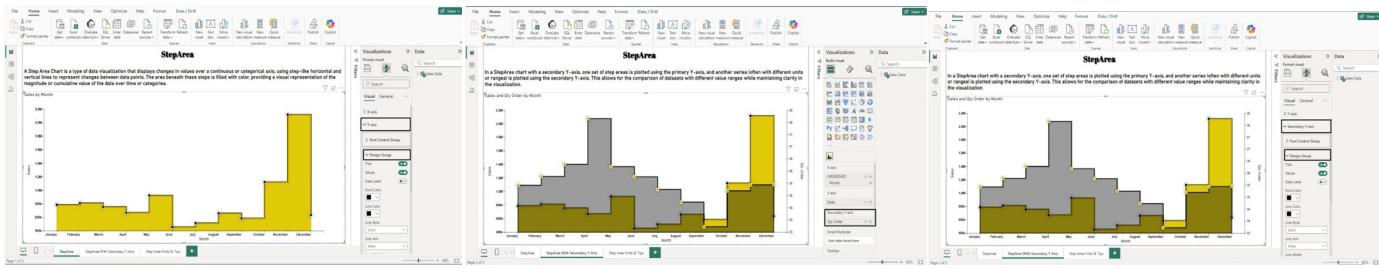
Color saturation for the hexbins shows the density of points within each bin, with darker bins showing more points.

Functionality Hexbins - Add hexagonal bins behind the points of the scatterplot.

Bins show the density of points using color, with darker bins representing more points in that bin.

Points- View points in a cartesian plane.

215 Step Area Chart



A Step Area Chart shows data changes over time using stepped lines and filled areas.

The Step Area Chart custom visual for Power BI offers an intuitive way to represent data changes over time while filling the area beneath the stepped lines, providing a clear visual emphasis on trends and cumulative data. This visual is ideal for showcasing fluctuations at distinct points, helping users quickly understand how data evolves. The Step Area Chart includes customizable x-axis, y-axis, secondary y-axis, tooltips, and formatting options, ensuring flexibility to meet diverse visualization needs.

- 1) Clear Trend Representation: The Step Area Chart highlights specific intervals of change with a stepped approach while visually filling the area underneath, making trends and differences more evident.
- 2) Customization: Users can adjust axes, colors, area fills, and other formatting options to suit their specific visualization requirements.
- 3) Data Insights: This chart type emphasizes both the rate of change and the cumulative values over time, enhancing users' ability to spot trends and patterns.
- 4) Informed Decision-Making: With its emphasis on changes at critical points, the Step Area Chart supports better data-driven decisions by visualizing key moments in the dataset's evolution.
- 5) Comparative Analysis: The Step Area Chart allows users to compare multiple series side-by-side, making it easy to identify differences between categories or time periods.
- 6) Interactivity: Users benefit from interactive features such as tooltips, hover effects, and data point selection, allowing them to dive deeper into specific data points for more granular insights.
- 7) Responsive Design: The chart adapts to various screen sizes and platforms, ensuring a consistent and clear view whether on a desktop or mobile device.
- 8) Support for Multiple Data Sets: Users can overlay multiple data sets on the same chart, enabling comparisons of different variables over time while maintaining a clear visual hierarchy.
- 9) Performance on Large Data Sets: The Step Area Chart efficiently handles large volumes of data, ensuring smooth performance even with complex data sets and longtime spans.
- 10) Integration with Power BI Features: Users can leverage Power BI built-in features such as slicers, filters, and bookmarks to customize their Step Area Chart for specific reporting needs.