



VISUAL BI EXTENSIONS (VBX) FOR SAP LUMIRA DESIGNER

Product Roadmap

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What You Get With VBX - Summary

CHARTS	MAPS	SELECTORS	UTILITIES
50+ Charts, with 23 exclusive to VBX	400+ map options	Advanced input & filter controls	Customizable Export, Print & Presentation options
400+ Properties for extensive formatting	GeoJSON support for custom maps	Easier slice & dice, sort, filter & alert capabilities	Excel, Google Sheets & Web Service connectors
40% faster delivery with reduced scripting	Marker, Cluster, Choropleth, Heat & Bubble layers	Integrated Search to handle larger data sets	Responsive UI Container for mobile UX
2x-6x performance gains through Data Utility	30+ Base Map layers E.g. ESRI, Google, OSM	Patented time period selectors	Advanced Table, KPI Tile, What-If Analyzer & more

BW & HANA Hierarchy Support | WebI-as-a-Data-Source | Reusable Data Sources | Advanced Interactivity & Drill-Through
Context Menu | Advanced Conditional Formatting | Mobile-Compatible & Responsive
Custom Events | Custom Scripting Functions | ... and more

1-CLICK CONFIGURATION

Visual BI Extensions for SAP Lumira Designer (What is Included as Today)

Charts

50+ Charts

- Basic Charts (Line, Column, Bar)
- Stacked Chart (Column / Bar)
- Combination (Single / Dual Axis)
- Pie / Donut Chart
- Scatter plot / Bubble Chart
- Treemap / Heatmap
- Waterfall
- Progress Bar / Bullet Chart
- Radar Chart
- Chart Selector
- Table with Sparkline Charts
- Funnel Chart
- Specialty Charts: Marimekko ,Tag Cloud, Box Plot
- Gauge (Advanced, Angular, Solid, Linear)
- Drilldown Chart (Bar, Column, Pie, Funnel, Pyramid, Tree)
- Pyramid Chart
- Polar chart
- Circular/ Number Counter /Semi Circular Donut
- Stacked and Grouped Charts
- Specialty Charts : Gantt Chart , Risk Matrix, Calendar Heatmap , Waffle Chart
- Fixed Column Charts
- Multiple Axis Charts / Super Combination Chart
- Advanced Column Bar Chart
- Spie Chart
- Stream Graph
- Sankey Chart
- Parallel Coordinates Chart
- Slope Chart
- Sunburst Chart
- **Pyramid Chart**
- **Lolli Pop Chart**
- **Activity Gauge**
- **Dot Plot Chart**

Additional Features

- Data Utility
- Hierarchies: Leverage BW/HANA hierarchies
- Chart Export options: PDF, JPEG, SVG, PNG
- Predefined themes (CSS)
- Enhanced Chart Interactivity
 - Zoom and Lasso /Reverse Lasso (including Mobile)
 - Show / Hide series based on legend click
 - Drill Down & Expand / collapse
- Advanced Conditional Formatting
- Identical Scaling for multiple charts
- Permanent color assignment for measures and dimensions
- Custom Data Label and Tooltip
- Support for Trendlines / Error Bars
- Ability to rename Measure Labels
- Extensive Scripting options
- Extensive Formatting
 - Tooltip
 - Legend
 - Axis / Axis Labels
 - Title, Subtitle & Label Formatting
 - Chart, line and Plot Area Formatting
 - Value Display Formatting (in axis, tooltip, etc)
- Conditional Formatting Enhancements
- Bullet Chart Enhancements
- Runtime Deviation Bar
- Dynamic Series (enable/disable)
- Legends for the Series (Show/Hide)
- Series Label options
- Configuring the pattern for the series
- Custom Ranking for Measures
- Annotations in Charts
- Annotations at run time
- Additional Properties – German Support
- Custom Context Menu in Charts
- Conditional Formatting - Positive and Negative Value colors for Boolean Formats
- Plot Line and Plot Band Scripting
- Stacked Waterfall Chart
- **CSV Export on Charts Context Menu**
- **Table Context Menu – Enhancements**

Visual BI Extensions for SAP Lumira Designer (What is Included as Today)

Maps

- Drill Down Capability
- Various Map Types
 - Marker Layers
 - Choropleth Layer
 - Bubble Layer
 - Cluster Layer
 - Heat Map Layer
- GeoJSON for custom maps
- Data Types
 - Latitude and Longitude
 - Regional dimensions (Country, State, Counties)
 - Support for full address details
- 400+ regional Maps (Continents, Countries, States..)
- Multiple Data source for Maps
- Custom Data Label and Tooltip
- Support for Mobile
- Ability to define initial Zoom / Location
- Advanced Conditional Formatting
 - Custom marker icons
- Zoom / Lasso Functionality
- 30+ Map layer options
 - **ESRI Maps with Charts**
 - **Google Maps**
 - Open street Maps
 - Custom Map
- Data Visualization for Heat Maps
- Performance Enhancements - Heat/Bubble Map
- Indoor Analyzer
- Location Analyzer – Zoom based custom Layer Selection
- **Indoor Analyser Enhancements**
- **ESRI - Reference Layer / Geo Fencing**
 - **Integrating Location Analyzer with ESRI Reference Layer - for example like demographics information, income, spending, ...**
 - **Ability to configure the Location Analyzer with Geo Fencing / Geo Location based Filtering**

Utilities

- Advanced KPI Tile
- Advanced Label
- Export Options
 - PDF
 - Microsoft Word
 - Microsoft PowerPoint
 - Email
- Advanced Table
- Trend Icon
- Additional Data Source
 - Microsoft Excel
 - Google Sheets
 - WSDL
 - OData
- What If Analyzer
- HTML Box
- Pictogram
- Script Box
- Search Box
- Advanced KPI Tile Enhancements
- Advance Table Enhancements
- Constant Data source with BYOD
- Multiscreen View in Responsive UI
- Advanced Label support for Self-service component creation
- Advanced Table with more API Scripts
- Custom Context Menu in Advanced Table
- Advanced Table with predefined Table Templates
- **VBX Theme**

Selectors

- Period Selector
 - Y-M
 - Y-Q-M
 - Y-Q-M Multi Select
- Hierarchy Filter
- Dynamic Grid Box
- Listbox and Dropdown
 - Search Box
 - Alerting capabilities
- Range Slider
- Facet Filter
 - Hierarchy Support
 - Search Box
 - Sorting
- New Selector - Time Slicer
- Period Selector Week / Month Quarter
- List Box/ Combo Box enhancements
- **Facet Filter Template Configuration**

Speciality Charts

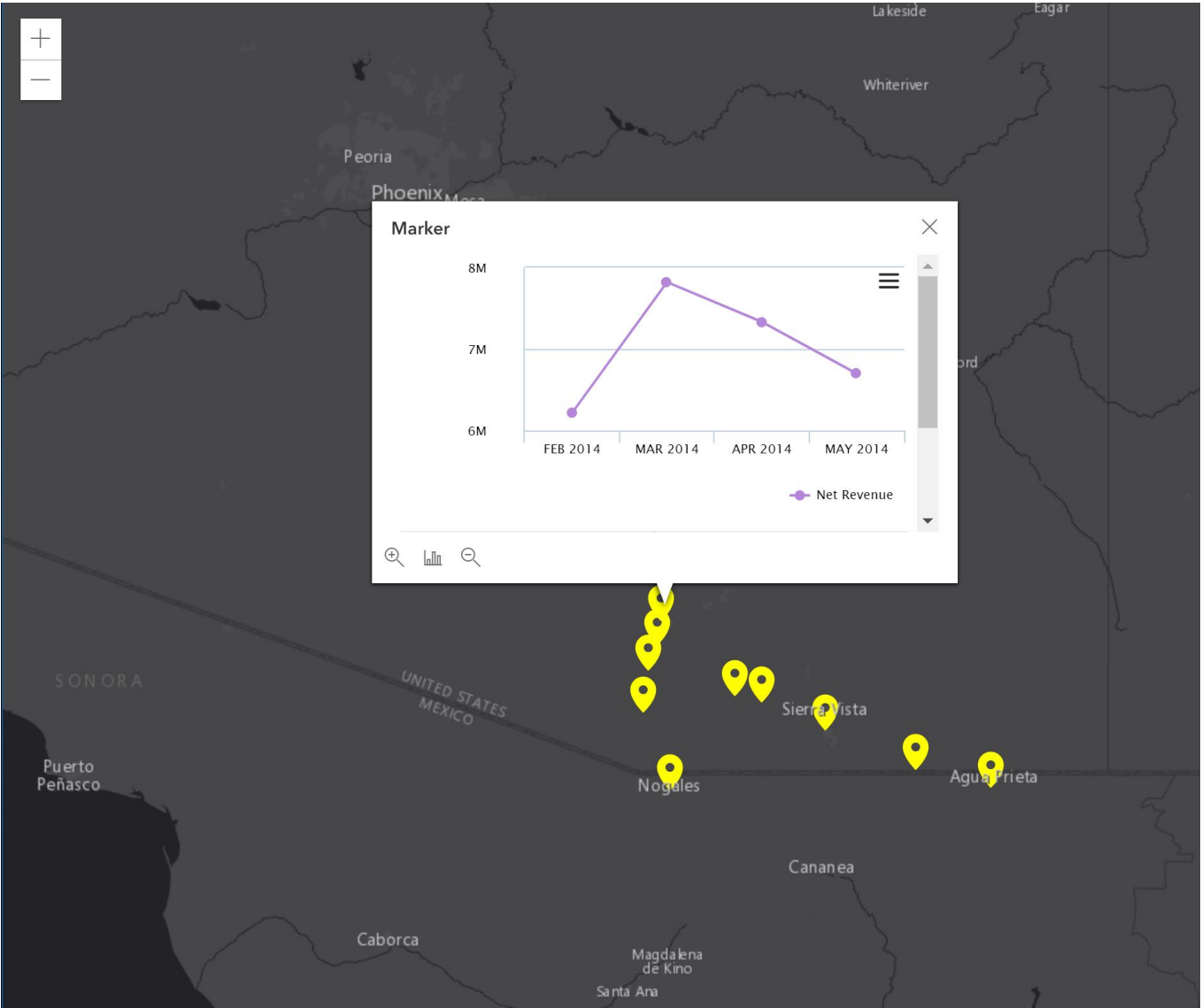
- Data Utility as Component
- **Analytics**
- **Gantt Chart Enhancements**

Visual BI Extensions for SAP Lumira Designer (What is Included in VBX 2.4)

Charts	Utilities	Selectors	Speciality Charts
<ul style="list-style-type: none"> ▪ New Charts <ul style="list-style-type: none"> - Pyramid Chart - Lolli Pop Chart - Activity Gauge - Dot Plot Chart ▪ Additional Features <ul style="list-style-type: none"> - CSV Export on Charts Context Menu - Enhancements in Table Context Menu 	<ul style="list-style-type: none"> ▪ Additional Features <ul style="list-style-type: none"> - VBX Theme 	<ul style="list-style-type: none"> ▪ Additional Features <ul style="list-style-type: none"> - Facet Filter Template Configuration 	<ul style="list-style-type: none"> ▪ New Speciality Charts <ul style="list-style-type: none"> - Analytics - Gantt Chart Enhancements

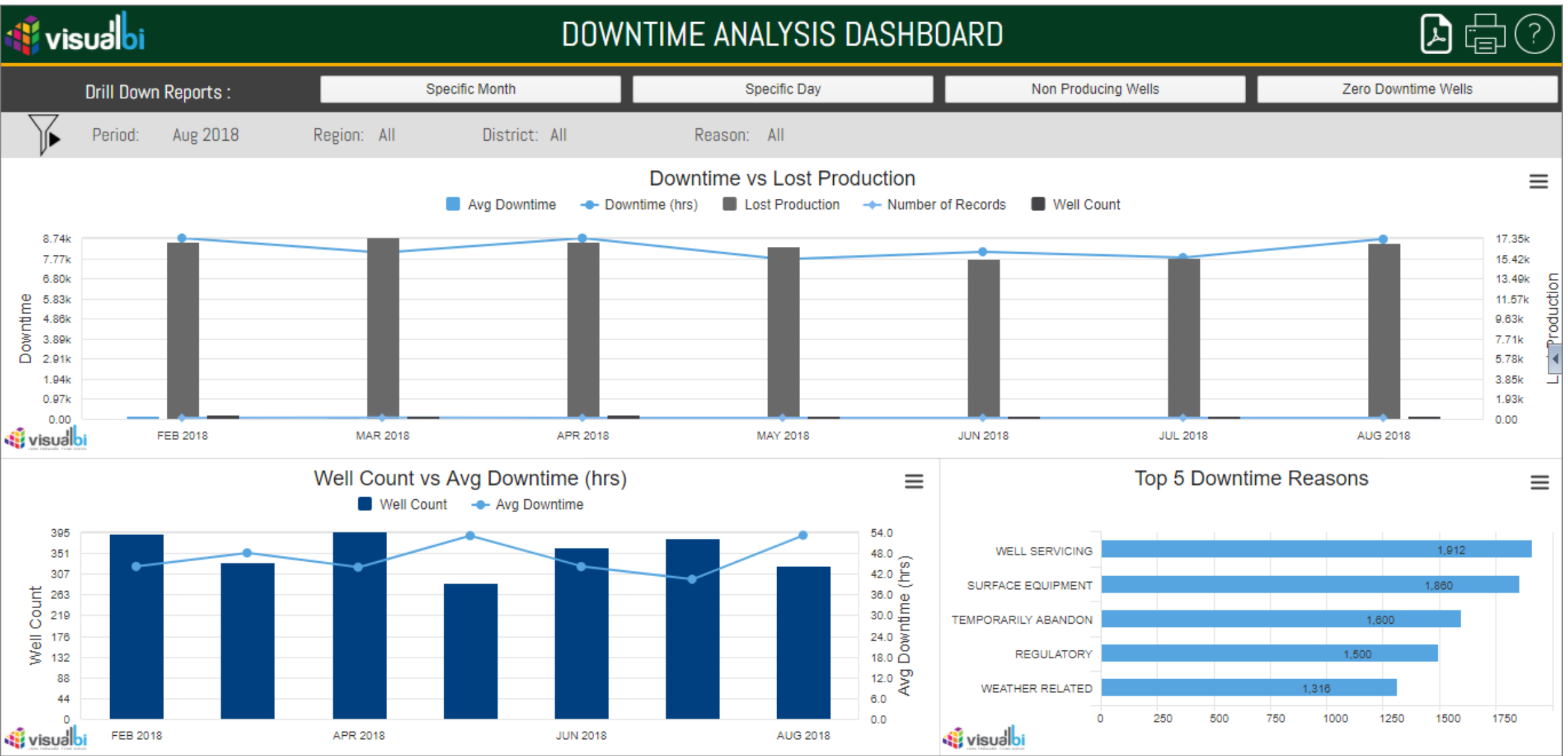
VBX 2.4 Highlights – Charting Capability on Tooltip for ESRI Map

The Marker Layer in ESRI Map can be configured with the Tooltip showing the Column Dimensions and Z-Axis Measures with a Chart display.



VBX 2.4 Highlights – VBX Theme

VBX Theme can be applied for all the components by navigating to the Standard Properties of VBX Theme Application and thereby selecting the Theme types for the Display property.

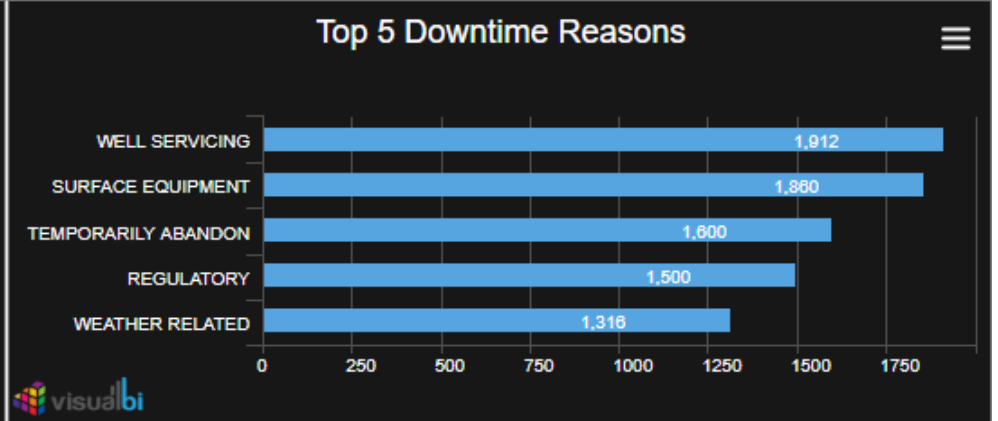
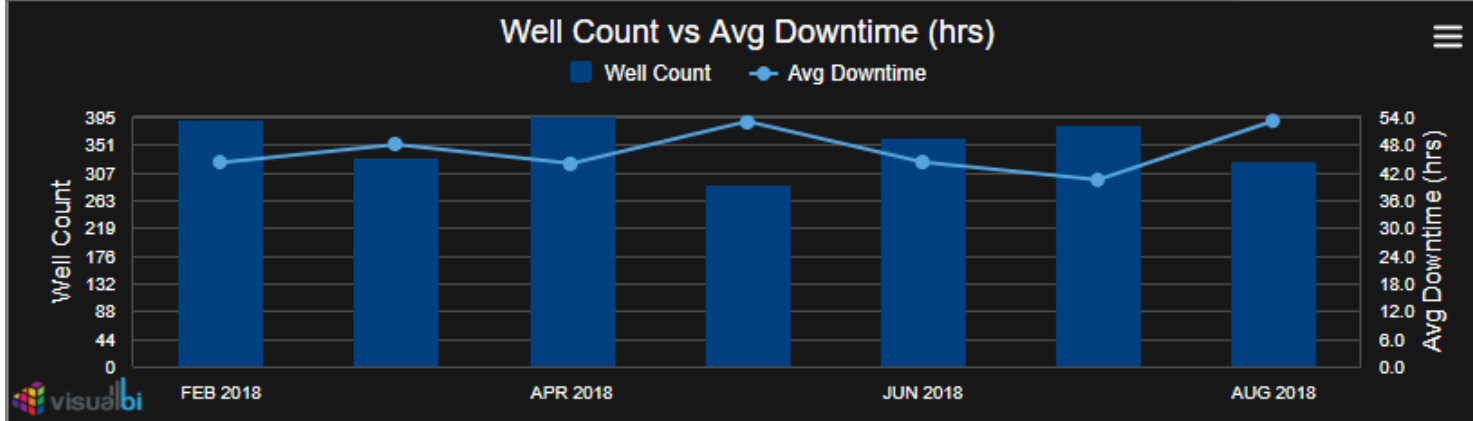
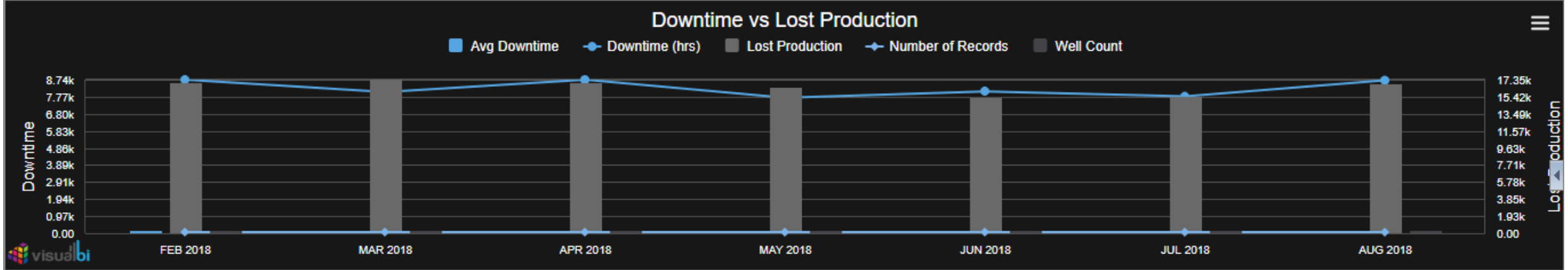


visualbi DOWNTIME ANALYSIS DASHBOARD



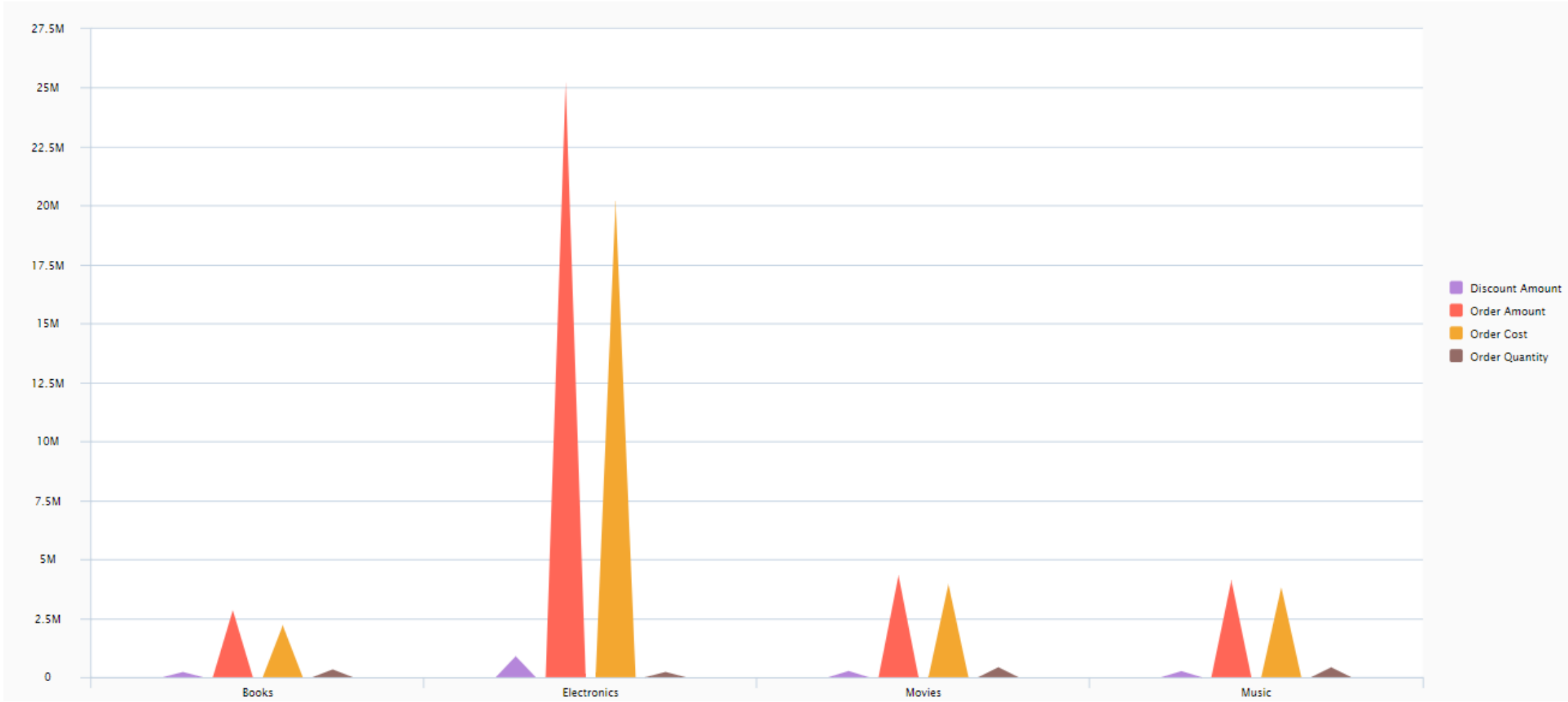
Drill Down Reports :

Period: Aug 2018 Region: All District: All Reason: All



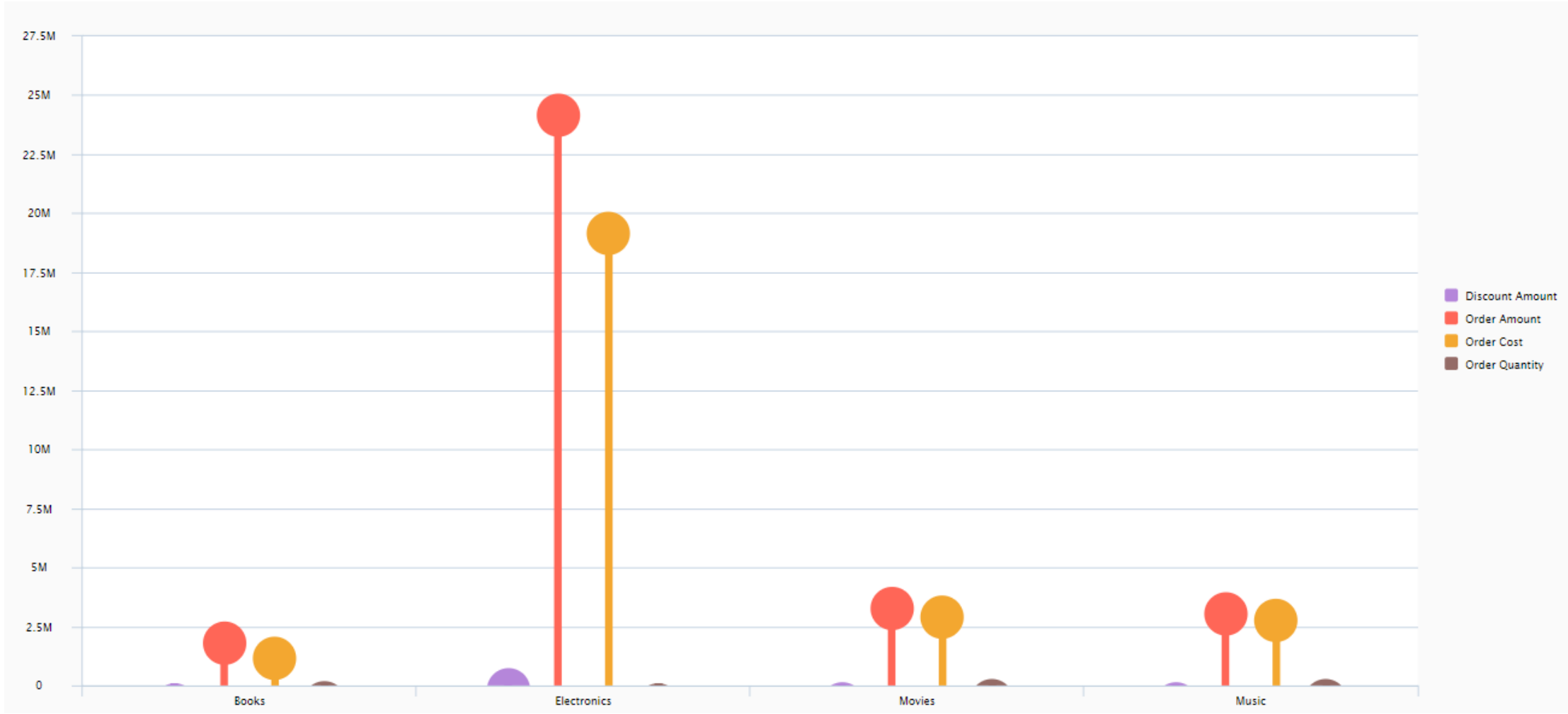
VBX 2.4 Highlights – Pyramid Chart

The chart type can be selected as Pyramid in the VBX Additional Properties of the Column Bar Chart. Here you can visualize each Pyramid representing the Column Bar for the assigned Dimensions.



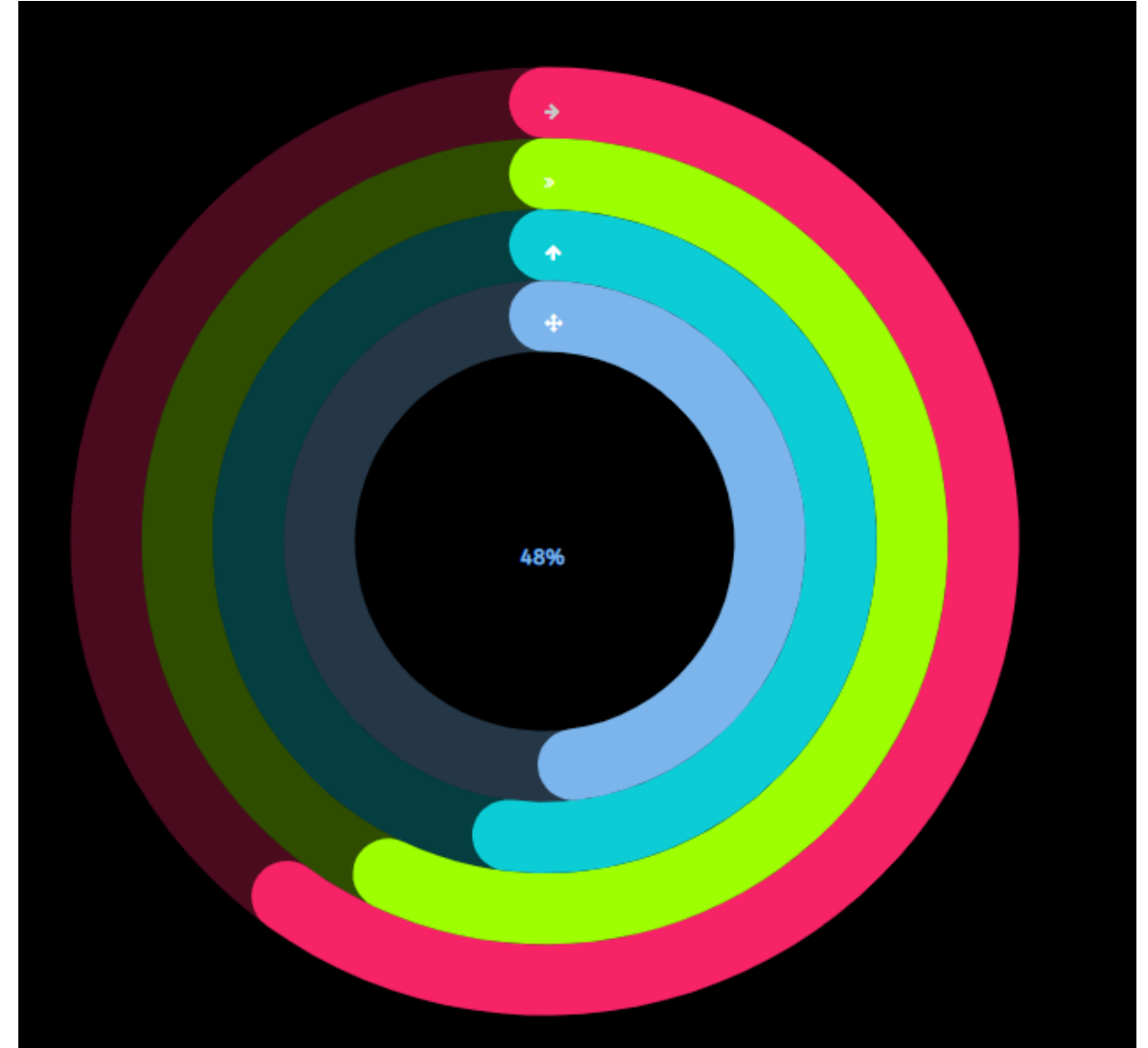
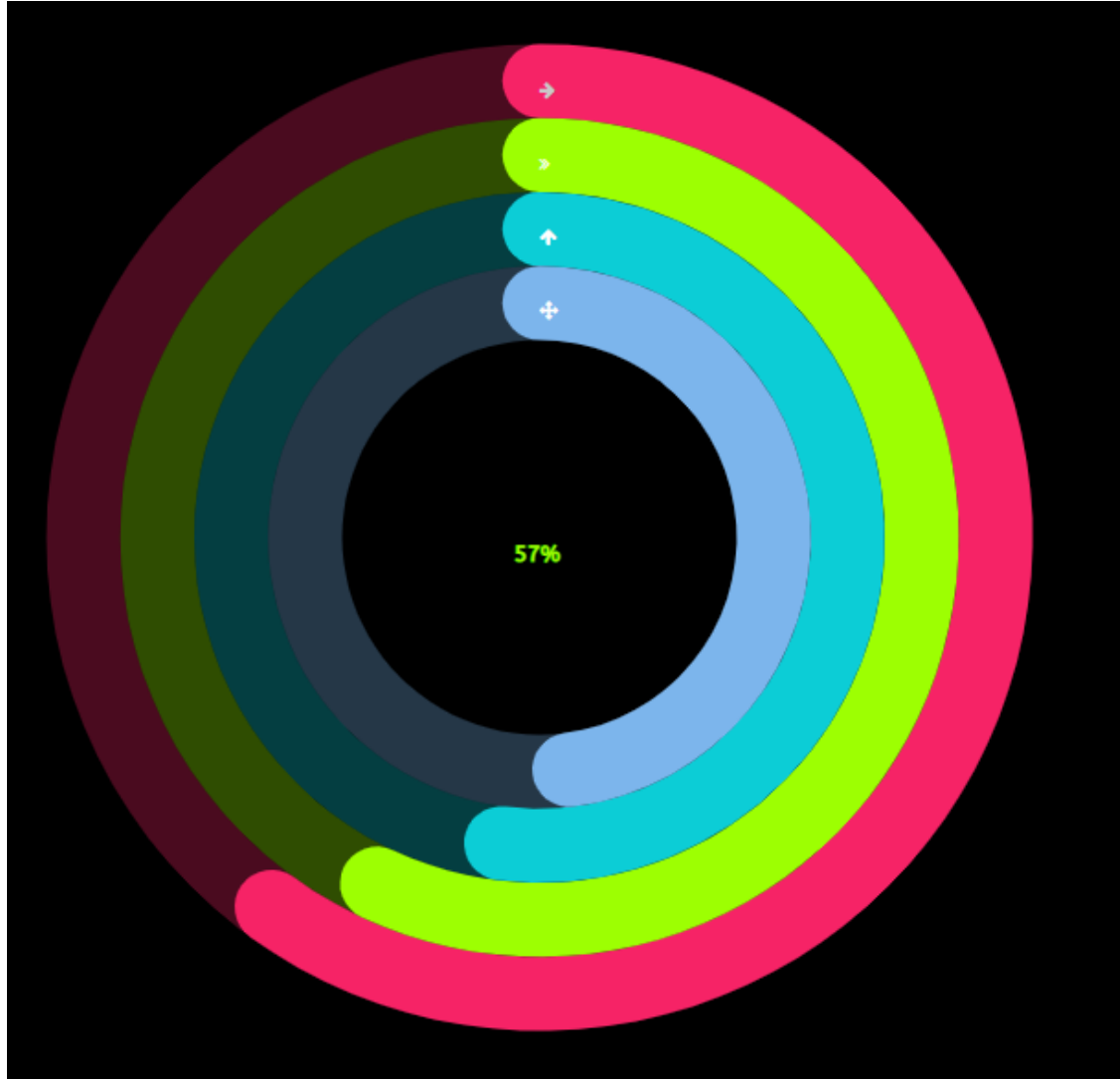
VBX 2.4 Highlights – Lolli Pop Chart

The chart type can be selected as Lolli Pop in the VBX Additional Properties of the Column Bar Chart. Here you can visualize each Lolli Pop representing the Column Bar for the assigned Dimensions.



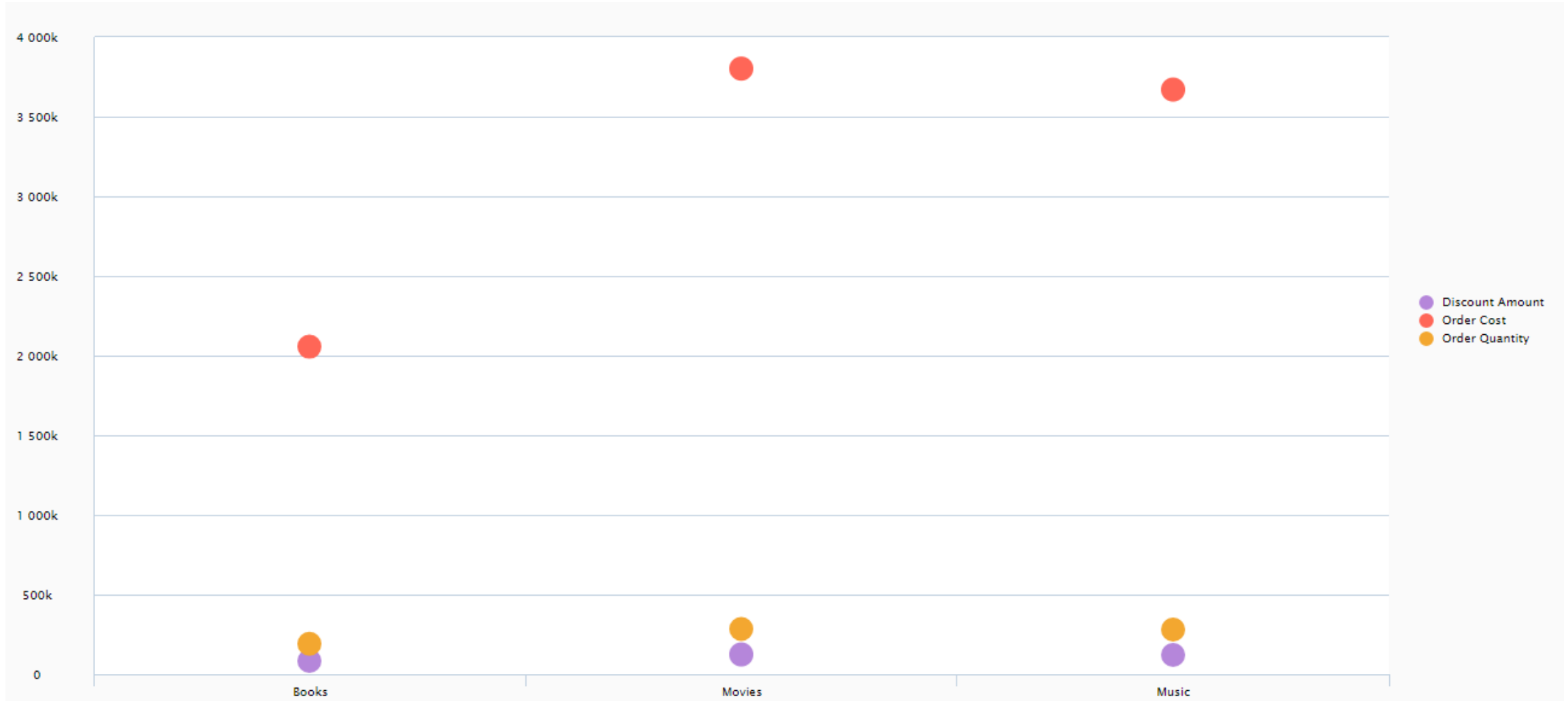
VBX 2.4 Highlights – Activity Gauge

Activity Gauge is a highly customizable, supported and easy-to-use VBX extension which gives you the ability to compare multiple measures or single measure split by dimensions. It is used to explore visually the relative performance of categories for a direct comparison in radial bars.



VBX 2.4 Highlights – Dot Plot Chart

The chart type can be selected as Dot Plot in the VBX Additional Properties of the Line Chart. Here you can visualize the Line Chart as Dot Plot Chart with the dots appearing as plots.



Upcoming – 2019 & 2020

Charts

- New Chart Types : Packed Bubble Chart, Tornado chart, Rainfall Chart, Chord, Scatter Punch card and Venn Diagram
- Runtime Additional Properties Sheet
- Conditional Formatting Enhancements

Selectors

- Multi-select auto fill box

Maps

- New Maps: eCharts Map

Speciality Charts

- New Visuals : Dependency Graph Tree, Breakdown Tree
- R Box

Utilities

- Data Merge / Joining Component

Product Roadmap – 2019 & 2020

CHARTS

Additional Chart Types

- Packed Bubble Chart
- Tornado Chart
- Rainfall Chart
- Chord
- Scatter Punch Card
- Venn Diagram

Runtime Additional Properties Sheet

- Able to edit the Additional Properties of the Charts in Runtime

Conditional Formatting Enhancements

- Conditional Formatting Enhancements for Charts

SELECTORS

Multi-select Auto Fill Box

- A component providing user with auto complete feature while selecting dimension members

MAPS

New Maps

- eCharts Map

SPECIALITY CHARTS

New Visuals

- Dependency Graph Tree
- Breakdown Tree

R Box:

- A utility for bringing R Visualizations as part of Lumira

UTILITIES

Data Merge Joining Component

- Ability to combine 2 or more data sources and create a new "virtual data source"

Support for SAP Lumira Designer Client Version

SAP Lumira Designer Release	Supported Visual BI Extensions (VBX) Release
Lumira Designer 2.0 or higher	1.68 or higher
Lumira Designer (2.1, 2.2, 2.3 or higher)	2.0 or higher

Testimonials



View the reviews in [SAP App Center](#)

... support and advice has been **excellent**. Easy to use and they add that bit extra to our charts that are not available 'out of the box' ...

It fills the gaps that you find in the design studio. The support was very **prompt**

Fully recommend this to every customer.

... a **must have** for any dashboard/analytic app developer... Support has been **outstanding** as well

..helped us **significantly reduce** dashboard development time and cut down on the amount of scripting... This suite is **worth** the investment

helped us significantly reduce dashboard development time...We received **fantastic** and **fast** support

...**significantly reduces** the development time and makes design studio on par/superior compared to other competitors...

...I had zero Design Studio experience and was **quickly** able to create professional dashboards using the VBX suite...

a '**must have**' for building flexible, professional looking, interactive dashboards...support was **first class**

... **very well** documented... and you don't need to be a programmer to use them

VBX Charts provided us with **exactly** the kind of properties control **we needed**

...It has been a **successful** and **popular** choice!...

Pricing and Licensing

Download your 15 Day Trial from:
<https://products.visualbi.com/vbx/>

You will receive all components (charts, maps, selectors, utilities)
No functional limitation

