



SENTURUS

WHAT'S NEW IN COGNOS ANALYTICS

Demos and Q&A with IBM Offering Manager

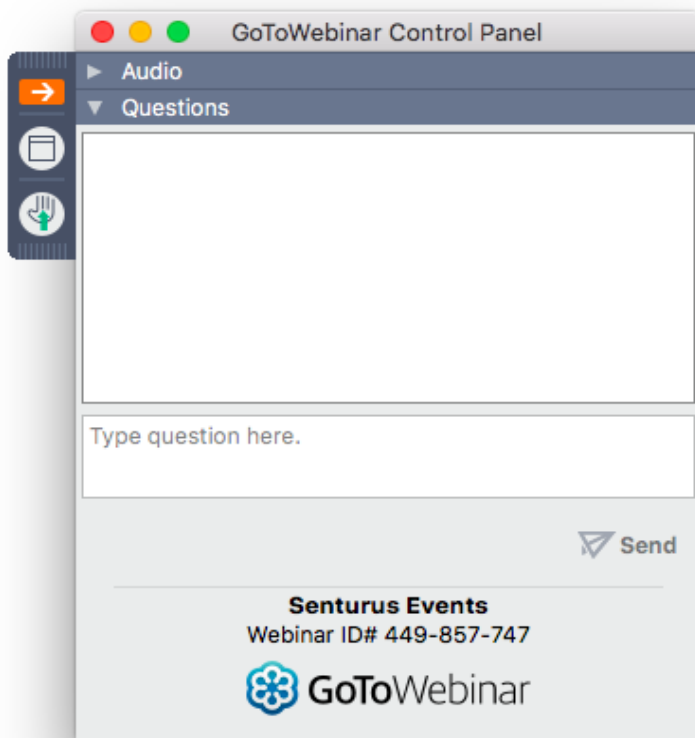


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SHEDDING LIGHT ON CLOUD BI OPTIONS Amazon. IBM Cognos Cloud. Microsoft Power BI Service. Tableau Online. Azure.	 BUSINESS STRATEGY	→
IBM COGNOS REPORTING TOOLS: FEATURE SET COMPARISON Visual Reference Guide	 FEATURES	→
A COMPARISON OF POWER BI, TABLEAU & COGNOS Differentiators Demo'd	 FEATURES	→

Agenda

- Introductions
- What's new in 11.1.4
 - New welcome section on home page
 - Waterfall visualization available
 - Forecasting in line/column visualization
 - KPI widget (compare two measures)
 - Zero suppression for OLAP sources in crosstabs/tables
 - Supporting custom visualizations (D3, Highcharts, iCharts)
 - Updated crosstab (resize column/row, hide, search)
 - Compact legends on visualization
 - Jupyter Notebooks output in reports
 - Weather Company data source
- Senturus overview
- Additional resources
- Q&A

Introducing...Today's Presenters



Rachel Su

Senior Offering Manager for Cognos Analytics
IBM



Michael Weinbauer

Practice Area Director/Solutions Architect
Senturus, Inc.

Poll #1

What version of Cognos are you using?

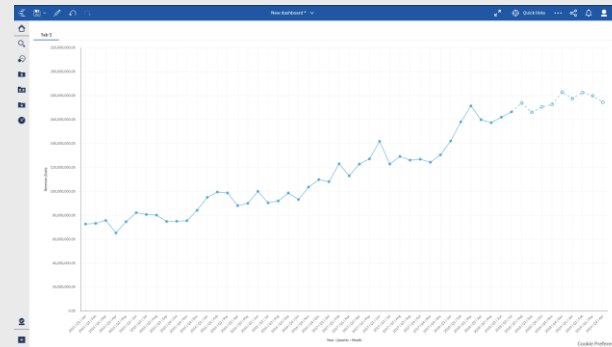
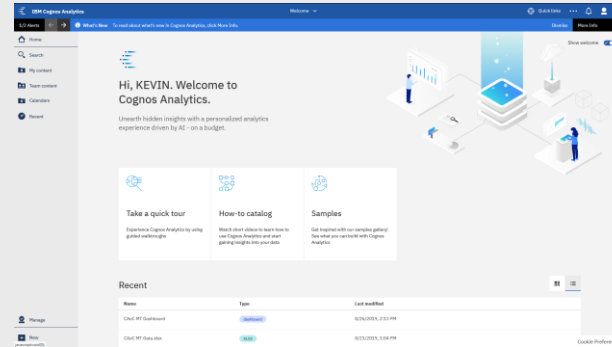
- 8.x
- 10.x
- 11.0.x
- 11.1.x

11.1.4 Overview



What's new in 11.1.4

- New Welcome section on the Home page
- Waterfall visualization available
- Forecasting in line/column visualization
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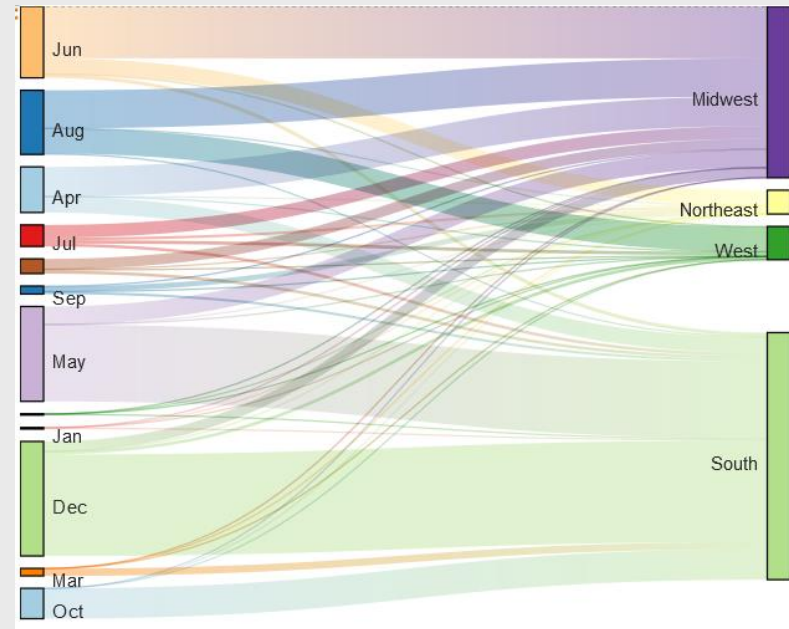


New Investment									
		2016				2017			
Investment	2016	2017	2018	2019	2020	2021	2022	2023	2024
Livingston Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Luxury Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
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Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
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Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
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Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
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Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
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Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
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Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
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Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
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Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
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Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00
Hotel	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00	1,000,000.00			



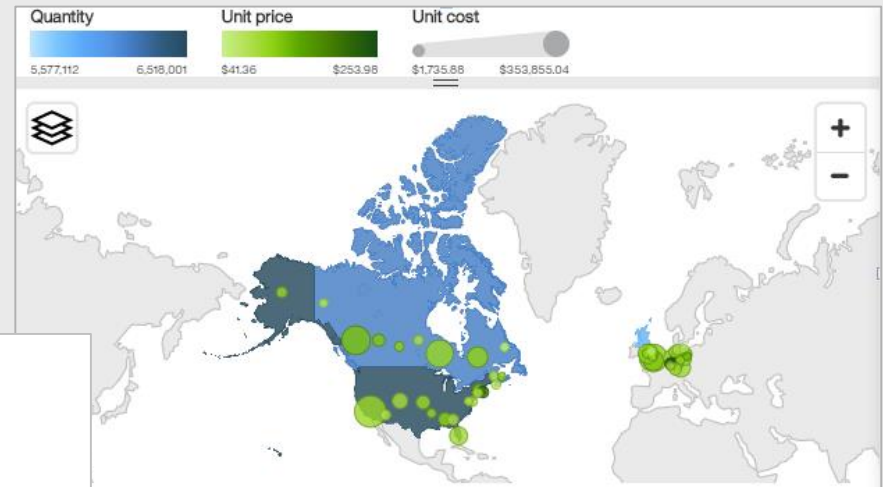
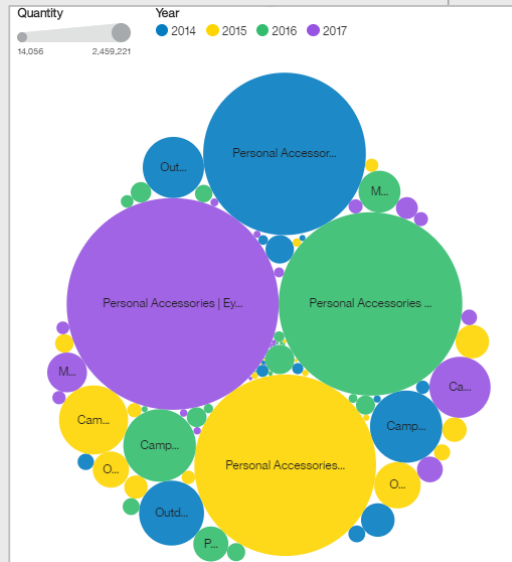
Supporting custom visualizations (D3, Highcharts, etc)

- Custom visualizations can be uploaded directly from Reporting and dashboarding for reuse.
- Developers can preview and test custom visualizations live within Cognos Analytics before uploading.
- Administrators can set permission on custom visualizations for access control.
- Additional properties can be included as part of the custom visualization



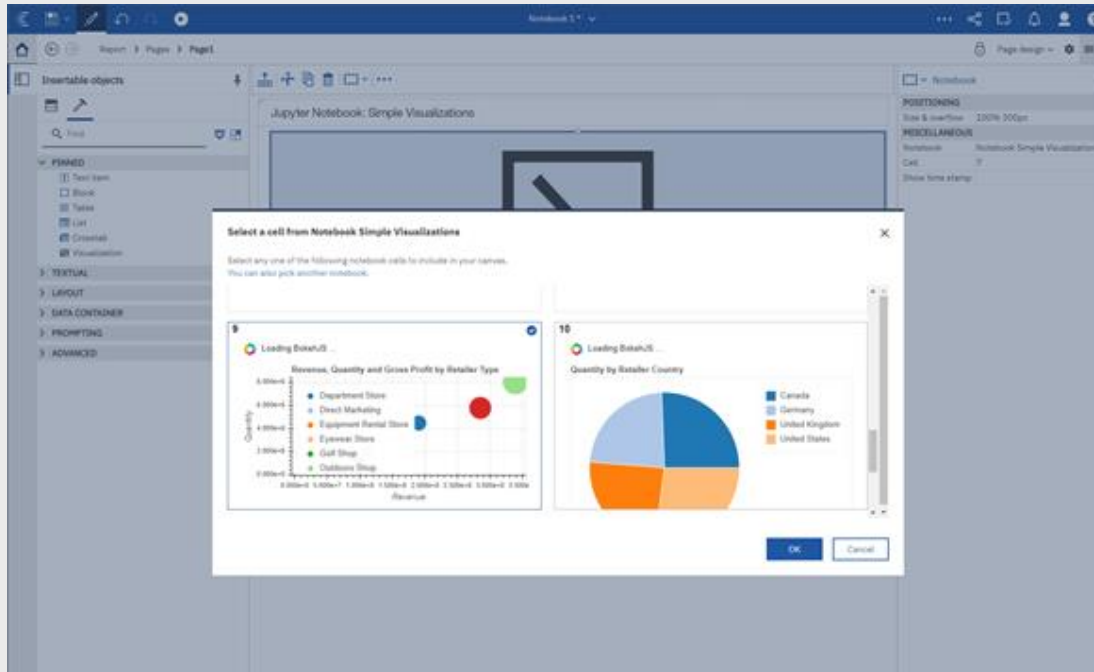
Compact legends on visualizations

- Legends are top positioned by default.
- More compact design.
- Users can change legend section height directly on the visualizations by using the gripper.



Jupyter Notebook integration with Reporting

- Jupyter Notebook cells can be included as part of the report output.
- For saved report outputs, Notebook cells will always show the latest refresh results.

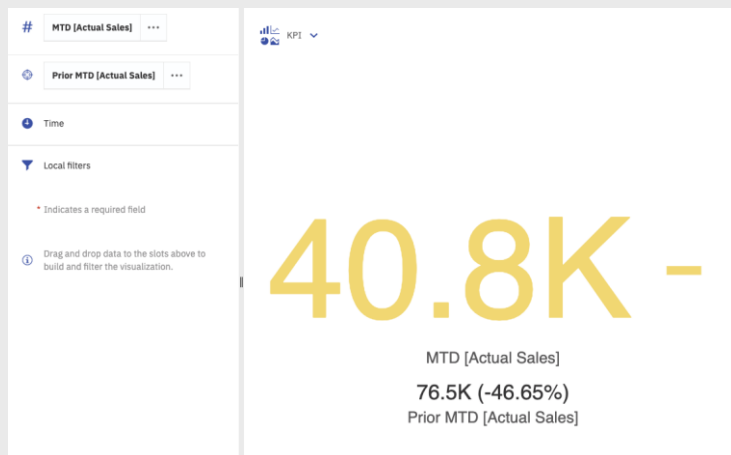




KPI Visualization

[Docs](#) [Link](#)

- 3 Data Slots - KPI Measure, Comparative/Target Measure and Time
 - The time slot is an optional field and can be used to generate the spark line
 - The target measure can be taken from the data, a calculation or a manual value found in the properties
- Up to 3 “steps” to measure performance against a target
- Built-in indicator shape selection



Set range

Scale

Number of ranges

Selected range

Start value

End value

Text color

Indicator shape

Chart

Text alignment

Base value

Show label ☒

Label title

Target value

Manual value

Show value ☒

Show distance ☒

Show label ☒

Crosstab Enhancements

- New crosstab design layout

Selection formatting

Font family	Font size	B	<i>I</i>	<u>U</u>							Summary
Home Theatre	7,007,579	7,489,414	9,300,510	10,815,356							34,612,859
Kitchen Appla...	1,734,740	1,860,920	2,339,944	2,544,121							8,479,725
Photography	10,744,011	10,130,252	13,521,330	15,971,828							50,367,421
Smart Electroni...	575,634	552,444	749,990	861,669							2,739,737
Video Games a...	2,674,787	2,695,618	3,584,168	4,178,191							13,132,764
Summary	22,736,751	22,728,648	29,495,942	34,371,165							109,332,506

Resize column/row width and height & word wrap

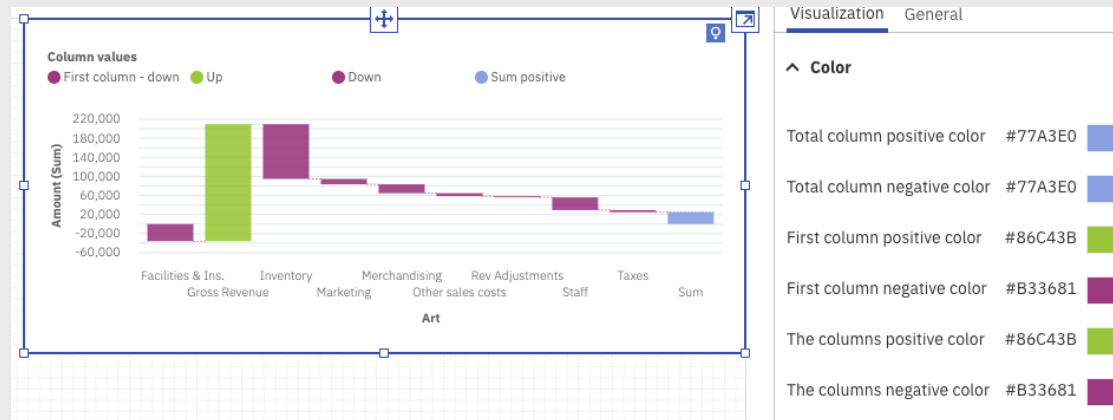
Drop Zones for nesting/replacing rows and columns

2015	2015	2016	2017	2018	Summary
	7,007,579	7,489,414	9,300,510	10,815,356	34,612,859
Kitchen Applia...	1,734,740	1,860,920	2,339,944	2,544,121	8,479,725
Photography	10,744,011	10,130,252	13,521,330	15,971,828	50,367,421
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Revenue	2015	2016	2017	2018	Summary
Home Theatre	7,007,579	7,489,414	9,300,510	###	34,612,859
Kitchen Appla...	1,734,740	1,860,920	2,339,944	###	8,479,725
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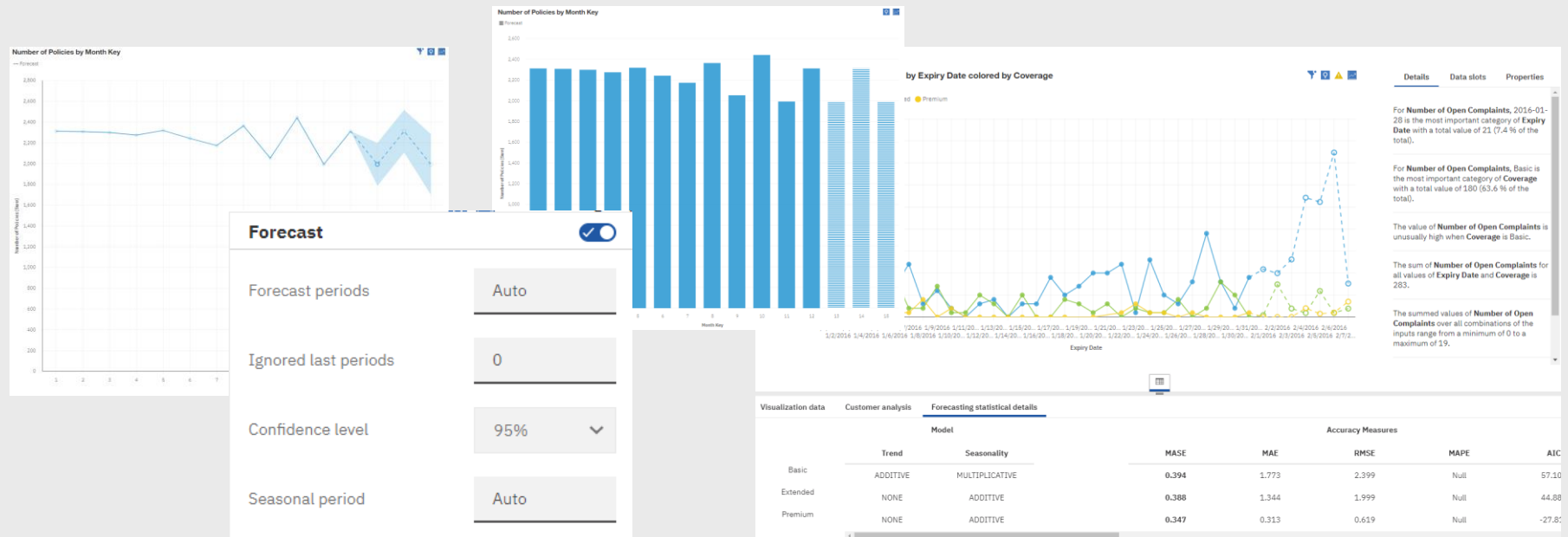
Waterfall Visualization

- Depict positive and negative values within the same visualization



Time Series Forecasting

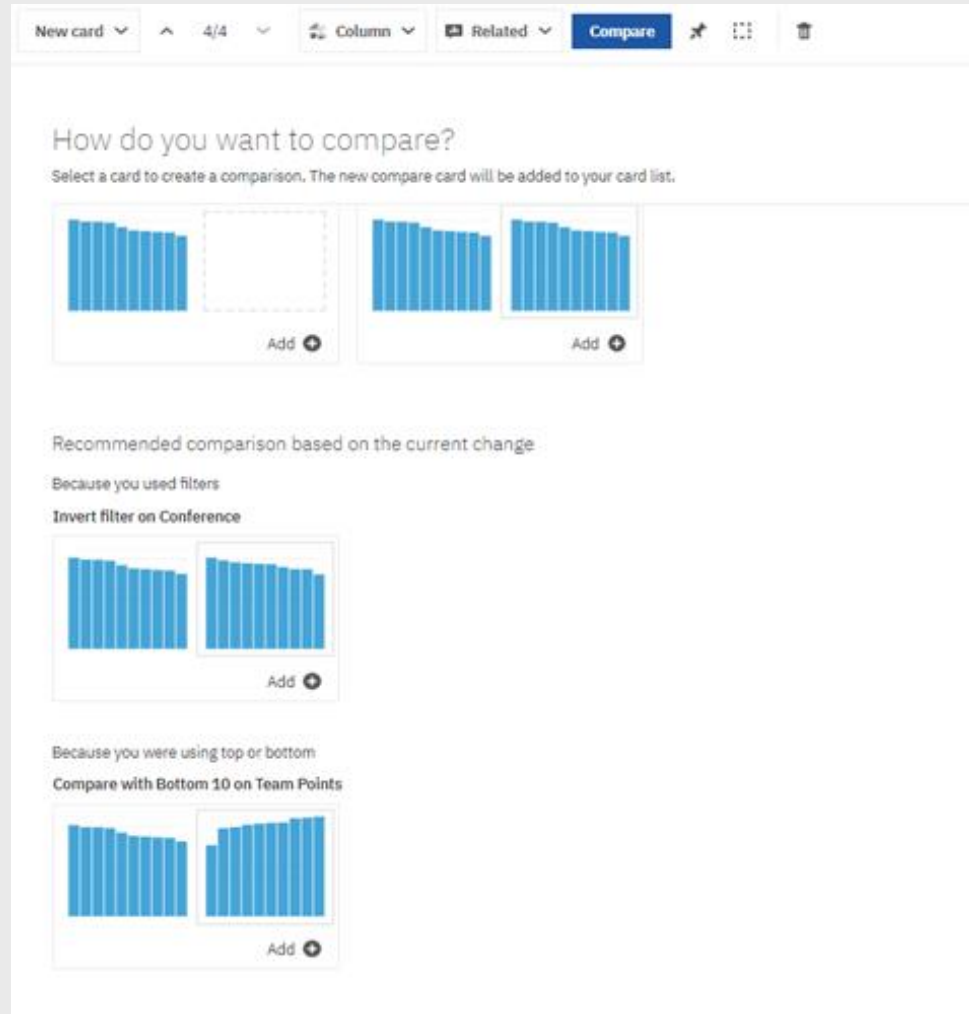
- Option to display forecasted values in line, column or bar visualizations with time data
- Available in dashboards, stories, and explorations
- Automatic detection of seasonality and exponential smoothing model with best fit





Compare Card

- Suggestions for creating a comparison
- Improved interaction with Compare line
- Comparisons across more aggregation methods – average, counts



Relationship Diagram

- Choices up front to help users orient themselves to the information
- Suggested visualizations presented immediately
- Edit scope, like edit drivers (Edit drivers also has updated UI)

The screenshot shows a user interface for creating a relationship diagram. It is divided into several sections:

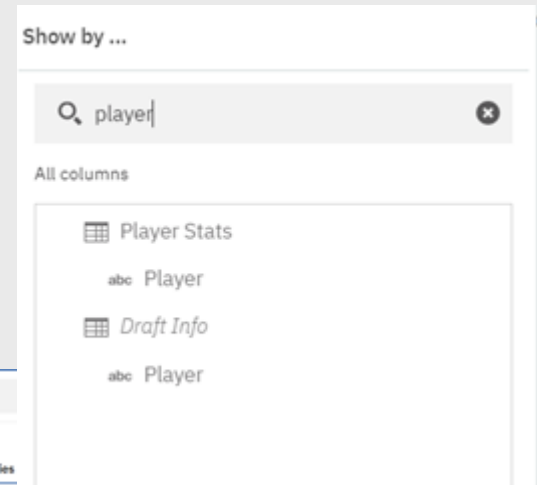
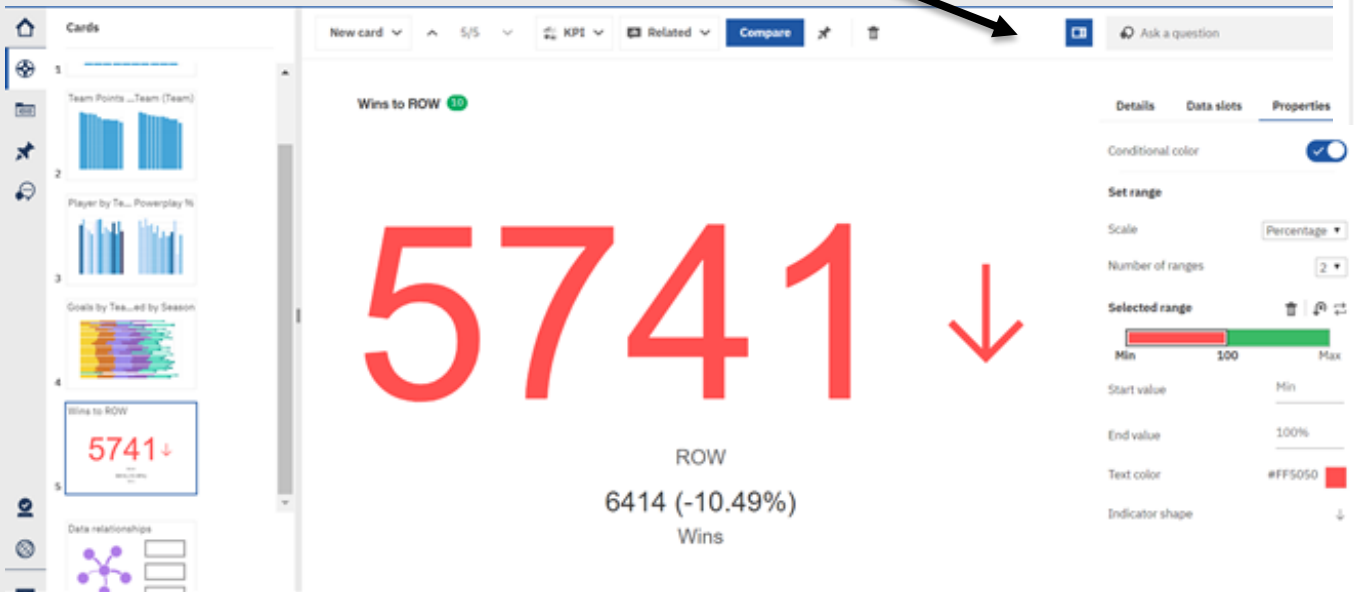
- Where do you want to start?**: A heading with the subtext "Every exploration includes a starting card."
- Start with any column in 'NHL Module'. You can always change it later.**: A section with a text input field containing "Enter data column. Not sure? Try Powerplay %, Points" and a small icon.
- Try starting with one of these...**: A grid of 16 buttons, each representing a different data column. The buttons are arranged in a 4x4 grid:

Powerplay %	Points	Point %	
Shooting %	Team Points	Assists	Even
GWG	Shots	Blocks	AT
Even Strength Goals	Goals	Hits	
Point Shares	Powerplay Assists	Powerplay Goals	+/-

On the right side, there is an **Edit scope** panel. It includes a search bar labeled "Find" and a list of categories: Team stats, Division, Player Stats, and Draft Info. Below this, there is a **Selected** list containing items like "Losses *", "Season *", "Birth Year *", "Draft Year *", "Age *", "Point % *", "Penalty Kill % *", and "Team Faceoff Win % *". At the bottom of the panel, it says "29 out of a maximum 100 selected" and "Clear all".

Other

- Clarify ambiguous fields
- Properties on visualizations





- Improved Joins

Support for 'Between'

non-equi joins

Operators:

[<, >, <=, >=]

now supported

Edit relationship

Table 1: employee-record dates.xlsx

Table 2: SLS_SALES_FACT.csv

Match selected columns

Manager Code 4	Manager Mb 4	Manager Code 5	record start date key	Record end date key	DateStr	Day	mon
10576	井森 源蔵	10087	20090109	20190627	2010-01-12	12	0
10576	井森 源蔵	10087	20070912				0
10652	田中 三郎	10551	20080613				0
10366	Dale Thomas	10366	20030812				0

Defined matches 1

Field	Operator	Field
record start date key	<=	ORDER_DAY_KEY
Record end date key	>=	OrdDate

Inner join, 1-to-many, No filtering.

Matched columns

OK Cancel

- Simplified Data Group creation

Change from Numeric to Text style

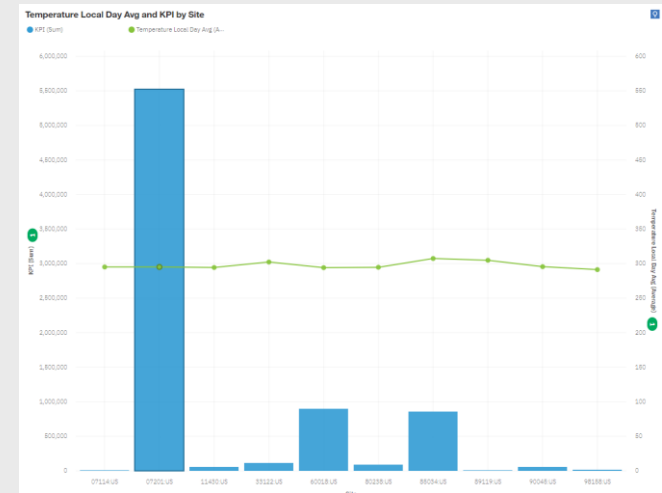
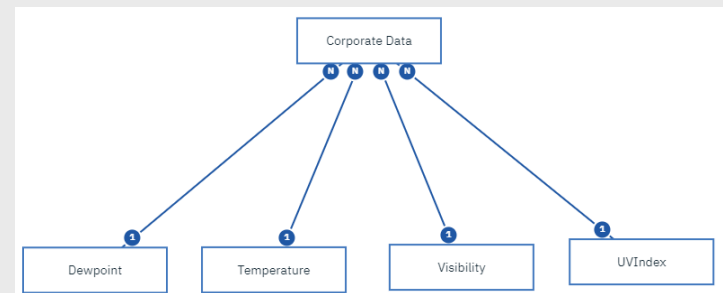
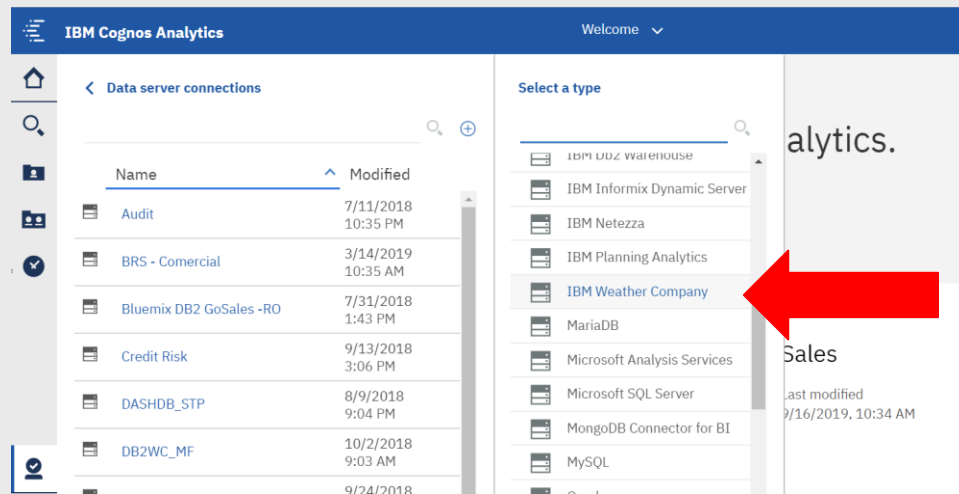
In cases where groups need to be specific values

The dialog box is titled "Create a data group (numeric style)". It has a close button (X) in the top right corner. The "Name" field contains "Days (Group)". Below this, there are three tabs: "Group names", "Groups", and "Range border values". The "Groups" tab is selected, showing a list of 5 groups. The "Range border values" tab is also visible, showing a list of values: "Higher", "20", "15", "10", "5", and "Lower". The "Group names" tab shows a list of ranges: "20 and above", "15 to < 20", "10 to < 15", "5 to < 10", and "less than 5". At the bottom, there is a checkbox for "Group NULL values as" and two buttons: "Create" and "Cancel".

The dialog box is titled "Create a data group (text style)". It has a close button (X) in the top right corner. The "Name" field contains "Days (Group)". Below this, there are three tabs: "Remaining items in column", "Groups", and "Group items". The "Remaining items in column" tab is selected, showing a list of items: "0", "1", "10", "11", "12", and "13". The "Groups" tab is also visible, showing a list of groups: "New group". The "Group items" tab is also visible, showing a list of items: "Select a single group to view its items". At the bottom, there are checkboxes for "Group remaining and future items in" and "Replace the existing column 'Days'", and two buttons: "Create" and "Cancel".

IBM Weather Company Data

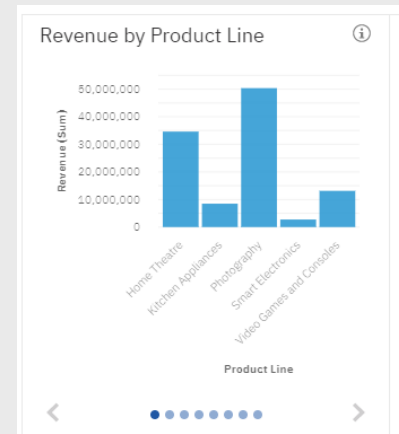
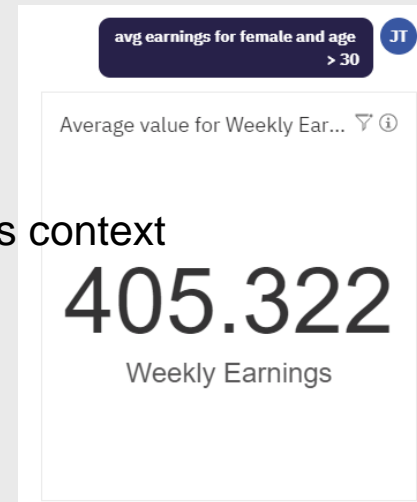
- Live data connectivity to IBM Weather Company's **History on Demand** and **Enhanced Forecast** API packages
- Blend weather data with your corporate data





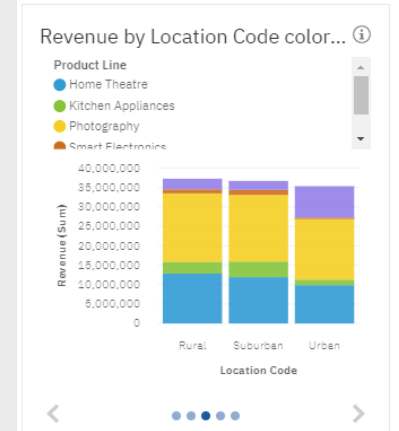
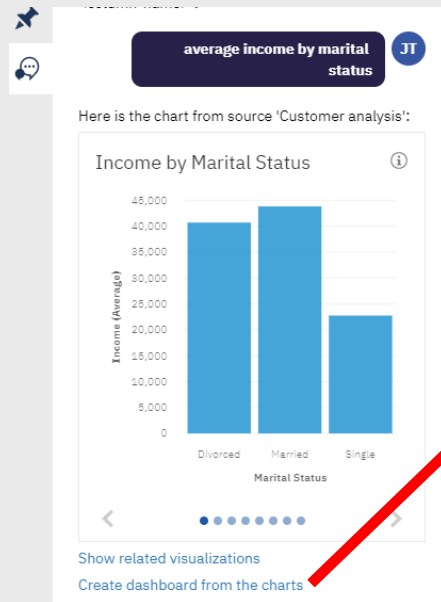
AI Assistant Enhancements

- Generate a dashboard using a suggested chart as context
- Improved filter support
- Smarter related visualization recommendations



Show related visualizations

Create dashboard from the charts

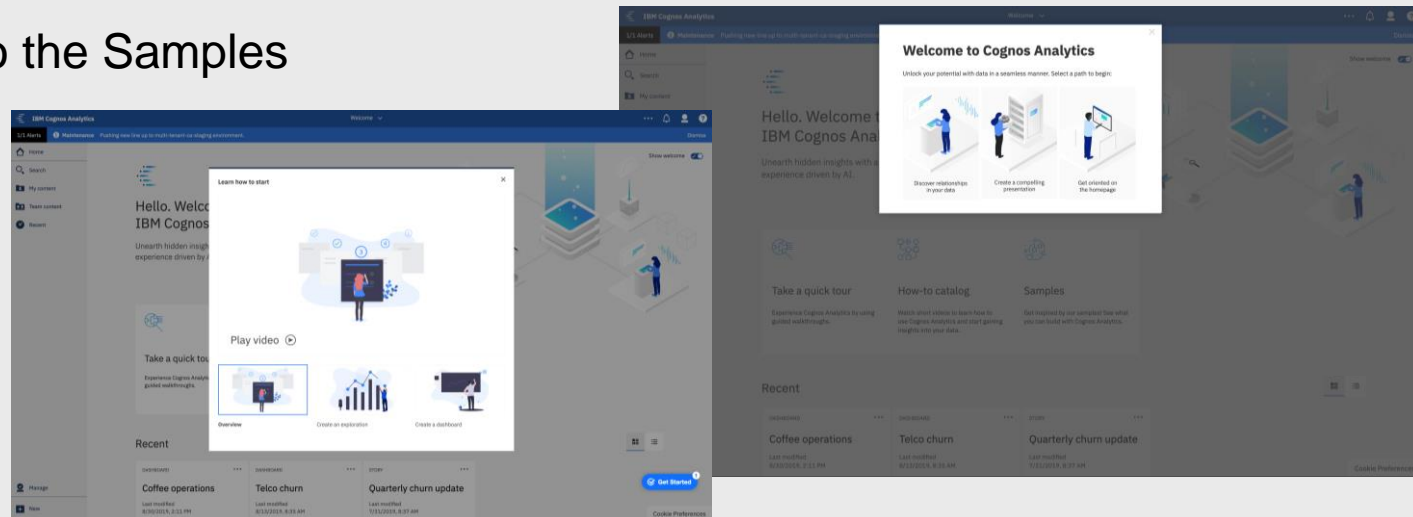
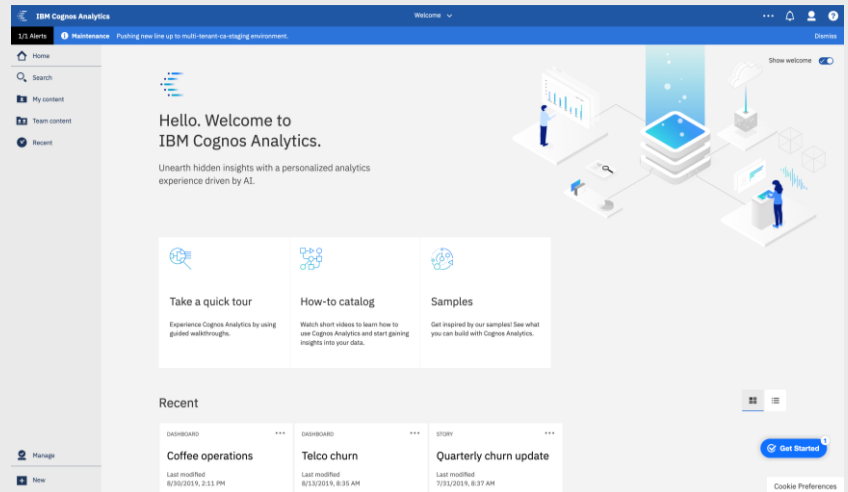


Show related visualizations

Create dashboard from the charts



- Easy to access resources for new users
- Step-by-step guided tours (with AppCues)
- How-to catalog with new professionally made videos
- Quick access to the Samples



Pricing and Licensing



- New Analytics Viewer License

Existing Information Distribution License will be renamed to Analytics Viewer

Added functionality users will now be able to run dashboards

You will need to give these users run access of the dashboards they will need to access

There are no changes to the existing reporting capabilities they will still need an Analytics User license to run prompted reports

The screenshot displays the IBM Cloud Licenser interface. The top section, titled 'Licenses', includes radio buttons for 'Production' (selected) and 'Non-production'. Below this is the 'Global license usage' section, which explains that used licenses represent the number of users that have accessed the product and provides instructions on setting the number of owned licenses. A table follows, showing the usage of various licenses:

Licenses	Used	Owned
Analytics Administrator	2	2
Analytics Explorer	0	0
Analytics User	0	0
Analytics Viewer	0	0
Total (global licenses)	2	2

The bottom section, titled 'Dashboard', shows the 'Access' tab. It includes a 'General' tab and an 'Access' tab. The 'Access' tab displays a table with columns for 'Users, Groups and Roles' and 'Permissions'. The table lists the following roles and their permissions:

Users, Groups and Roles	Permissions
Analytics Explorers	Access
Analytics Users	Access
Analytics Viewer	Access
Directory Administrators	Assign

Useful links

Main Cognos Analytics page + Free Trial

- <http://www.ibm.biz/cognosanalytics>

Community:

- <https://www.ibm.com/communities/analytics/cognos-analytics/>

Documentation

- http://www.ibm.com/support/knowledgecenter/SSEP7J_11.0.0/

Upgrade Central

- <https://www-01.ibm.com/software/analytics/cognos/customercenter/upgrade.html>

BI Expert Help

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Learn more at <https://www.senturus.com/?p=6497>

Contact us at: info@senturus.com or 888 601 6010 ext. 87

Need Help with Cognos? We Can Help!

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 - Full-service implementation across all appropriate environments
- BI Experts on Demand
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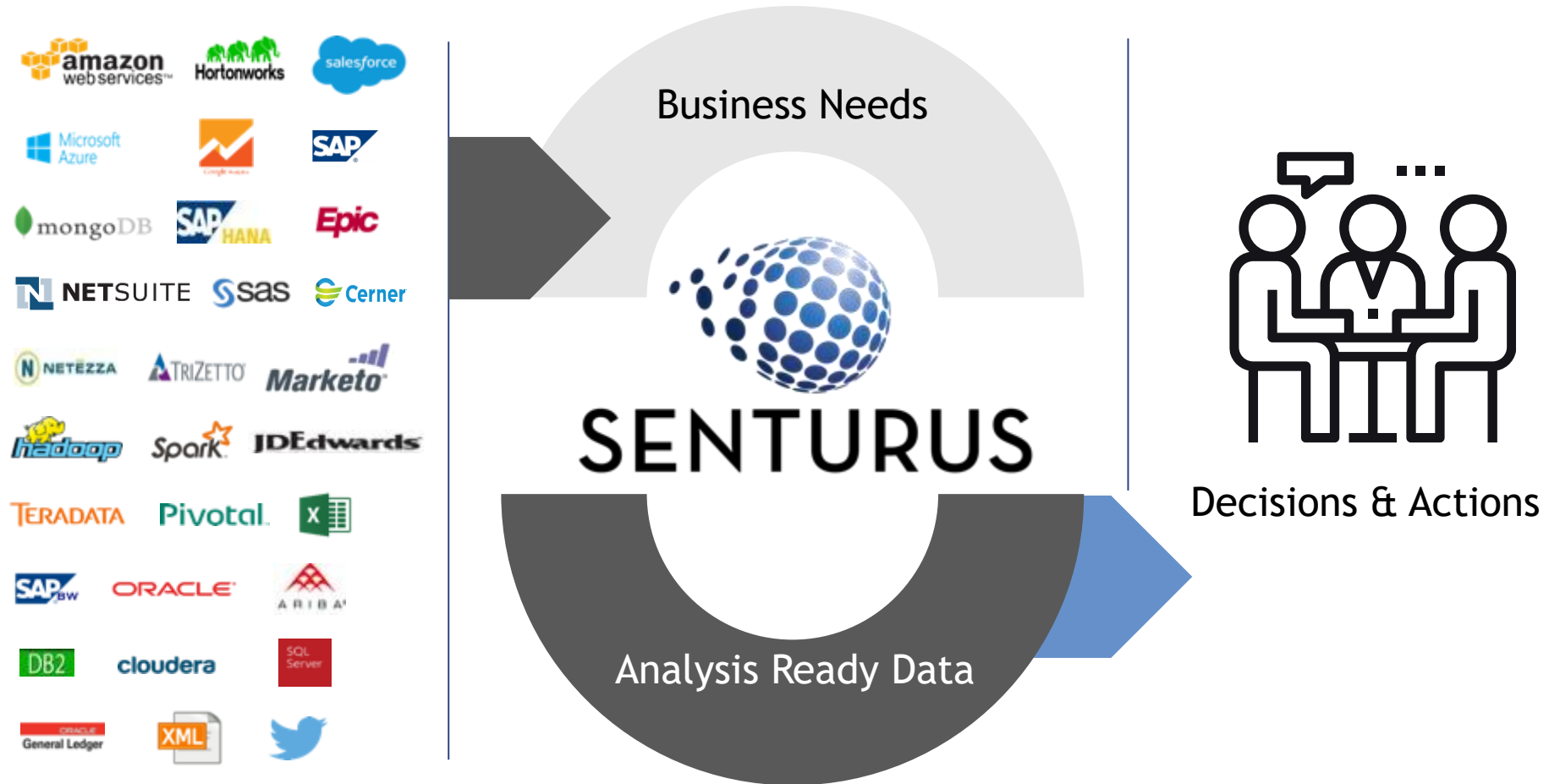


SENTURUS

WHO WE ARE

Full Spectrum of Services for BI

Bridging the Gap between Data & Decision Making



Full Spectrum of Services for BI

- Dashboards, reporting and visualizations
- Data preparation and modern data warehousing
- Hybrid BI environments ([migrations](#), security, etc.)
- BI support retainer (expertise on demand)
- Software to enable bimodal BI and platform migrations
- Training and mentoring



Power BI



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TRINCHERO
Family Estates





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ADDITIONAL RESOURCES

Upcoming Event

www.senturus.com/events



NORTHERN CALIFORNIA COGNOS USERS GROUP MEETING

NOVEMBER 5 IN SAN FRANCISCO

Tuesday, November 5, 2019 - 9:30am – 2:30pm -



BIMODAL SUPERHERO: SENTURUS ANALYTICS CONNECTOR

HOLY SUPER POWER! COGNOS WITH TABLEAU &
POWER BI

Thursday, November 7 - 11am PT (2pm ET) - 60 minutes



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DATA AND SERVER MANAGEMENT GET A BIG BOOST

Thursday, November 21 - 11am PT (2pm ET) - 60 minutes

Free Resources

www.senturus.com/senturus-resources/



UPCOMING EVENTS



RESOURCE LIBRARY



BLOG

Training for Cognos, Power BI and Tableau

<https://senturus.com/training/>



CORPORATE TRAINING



SELF-PACED LEARNING



MENTORING



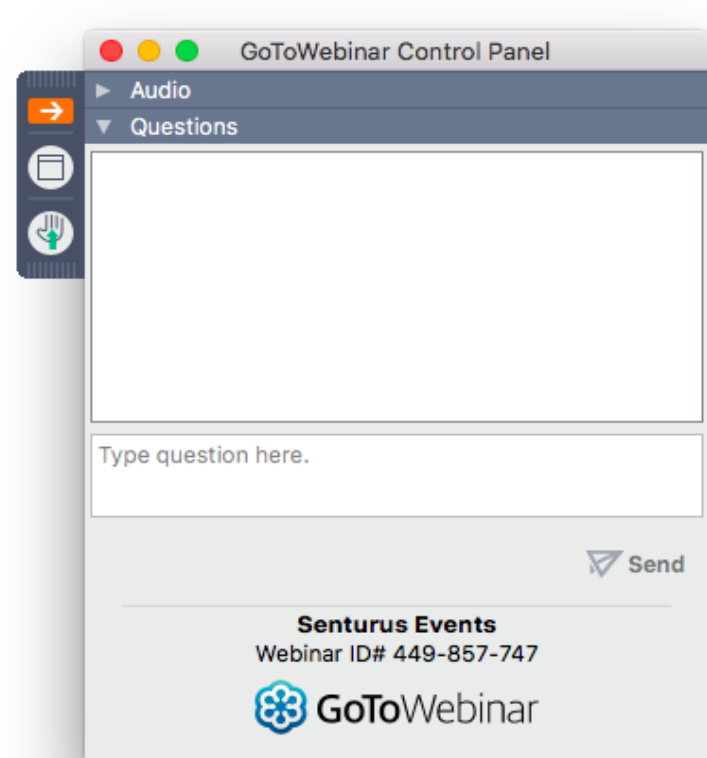
INSTRUCTOR-LED, ONLINE COURSES

Q&A

If your question or issue is broader than what can be answered today, contact us at

info@senturus.com

and we will set up a free consultation.



Thank You!

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