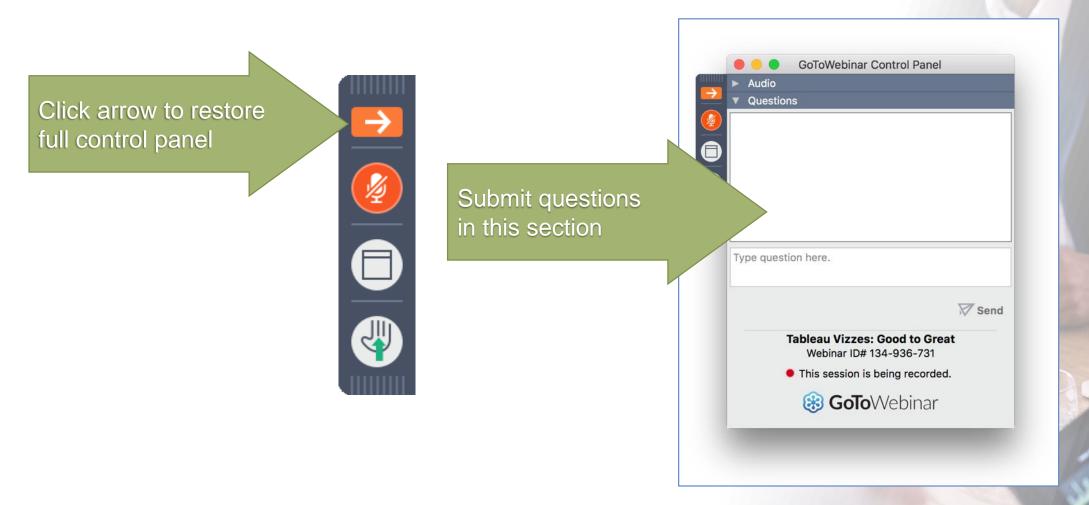


What's New in Cognos 11.2.3



GoToWebinar control panel





To obtain this presentation

Visit the Knowledge
Center on the
Senturus website
to download this
presentation and
explore other assets:

senturus.com/resources









Creating pixel-perfect reports for printing and PDF



How to Successfully Implement Self-Service Analytics

iscussion of Agile, governed self-service BI derations with a focus on Cognos analytics



Webinar

Using Python with Power BI

Learn the basics, including the software and plotting libraries



Webinar

Creating a Power BI Report Your Boss Can Navigate

How to design a user-friendly nav experience



Webinar

Streamline Cognos Migrations and Consolidations

Automatically decode Cognos content and reduce migration time by 90%



Agenda

- Introductions
- Recent Cognos releases
- IBM Analytics Content Hub
- What's new in Cognos 11.2.3
- Additional resources and Senturus overview
- Q&A

Inside 11.2.3

- Collaborate in MS Teams
- Data access & modeling improvements
- Al enhancements
- Other on-going improvements
- Data science updates
- Dashboard enhancements
- Reporting enhancements
- Deprecation Notice



Introductions



Tim AstonCognos Analytics Senior Product Manager IBM



Todd Schuman

Practice Lead Installations, Upgrades and Optimization Senturus, Inc.



Poll #1

What version of Cognos are you using?

- Before Cognos 10
- Cognos 10
- Cognos 11.0.x
- Cognos 11.1.x
- Cognos 11.2.x



Poll #2

What are your biggest challenges with Cognos? (Select all that apply)

- Enabling/adoption of self service
- Performance/report sprawl/general clean up
- Data migrations to the cloud
- Running hybrid environments
- Licensing right-sizing/licensing matching current use

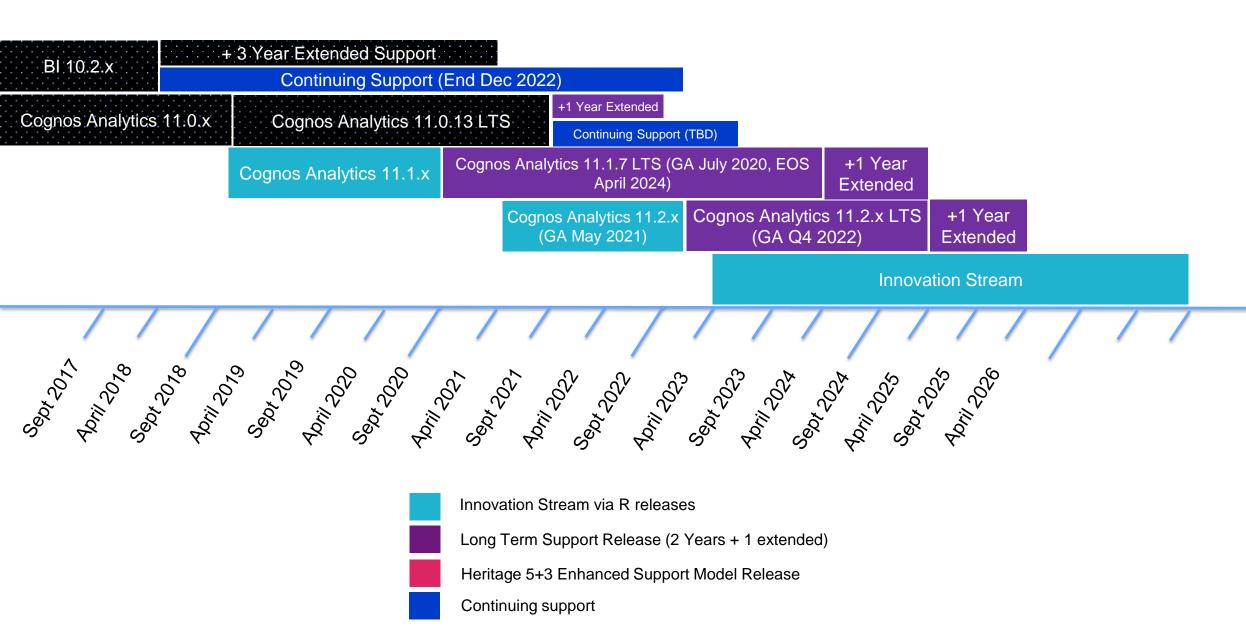


IBM Cognos Analytics with Watson
What's new in 11.2.3





Release Life-Cycle (In-market view)



Recent Releases

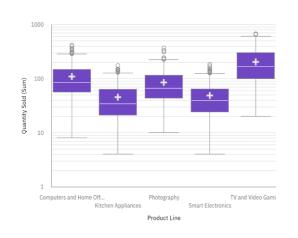
11.2.0 Re-cap

- UX Revamp
- Al Assistant and Forecasting support for OLAP cubes
- New dashboard visualizations: Boxplot and Radar
- More homepage customization options
- Improved Watson Studio integration
- Introducing Watson Moments
- S3 for TLS certificates
- Faster loading of dashboards

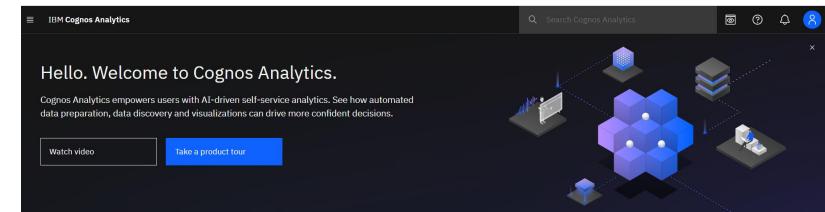


Watson insights

Watson can detect semantic and data driven relationships based on the data that you are investigating. You can use this extra data to help gain perspective and insight into the data that you're exploring.



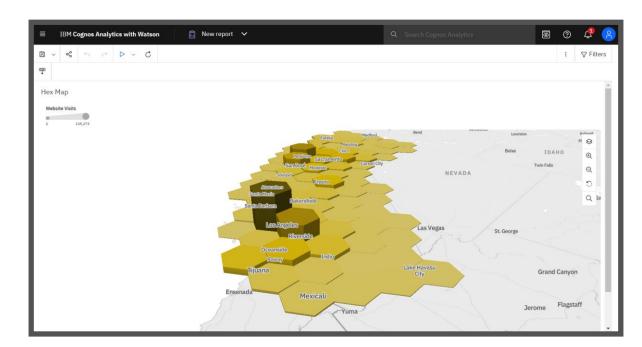




11.2.1 Re-cap

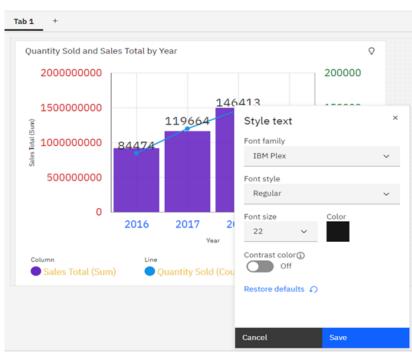
- IBM Cognos Analytics with Watson
- On-demand cloud reduced to 2 lower-cost tiers
- New Mobile only license for \$5
- 3D maps and hex bin grouping
- Dremio and IBM Cloud SQL Query as supported data sources
- Tabbed report performance improvements
- New donut visualization

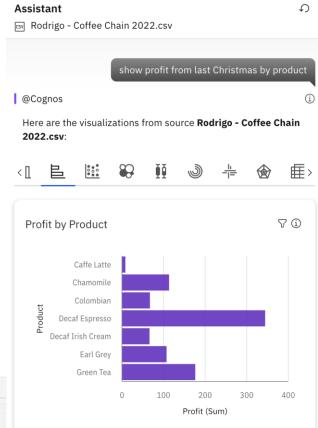




11.2.2 Re-cap

- NLG re-phraser better natural language generation
- All assistant understand relative time and operators
- Dashboard usability improvements
- Sorting in metadata tree in data modules
- Consistent download experience in reporting
- Log4j upgrade
- Expanded vendor support for JWT





Show related visualizations

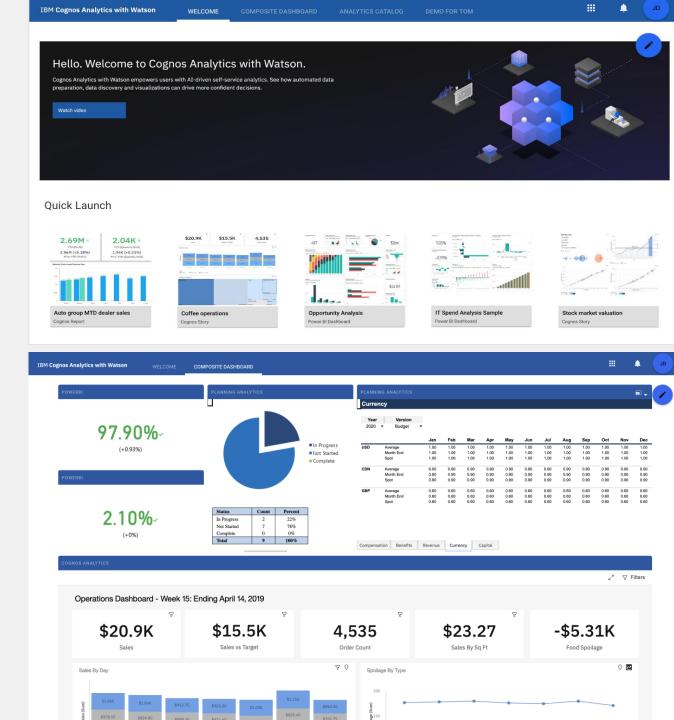
Create dashboard from the chart

IBM Analytics Content Hub

IBM Analytics Content Hub

Break down analytic silos and deliver ALL business analytics to the communities.

- One stop shop for all enterprise analytics
- Create 'composite dashboards' to bring content together
- Better way to deploy analytics



• A single hub to discover, access, search, personalize and recommend business analytics content regardless of vendor Your streaming service for analytics content



Streaming BI Service

Composite dashboard

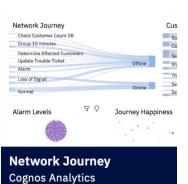
Analytics catalog

Test demo



Your favorites







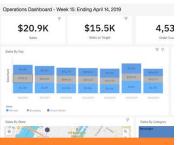






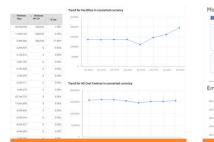
Recommended for you













What's New in 11.2.3

All Features

- Multi-directional Cascading filters in Dashboards
- Increase AI Assistant comprehension by understanding festival names, typos, holidays abbreviations and time expressions like YTD, QTD, MTD and WTD.
- Enhanced forecast accuracy and allow forecast consider multiple parameters and seasons
- View dashboards in MS Teams workspace tabs to increase collaboration efficiency
- Users can directly share report/dashboard links with their contacts in MS Teams
- Extend package capabilities to Dashboard
- Bring in the Extensions: Values as Values in a Crosstab;
 Filter Dropdown; Data Tool Tip
- New full-page user experience for editing asset properties.
- Create alias and shortcut tables in data modules.
- Allow users run reports with custom SQL without the ability to create and edit them.
- Enhanced search that will return both global search results as well as results from the current folder.
- Jupyter Notebooks R kernel to version 4.1

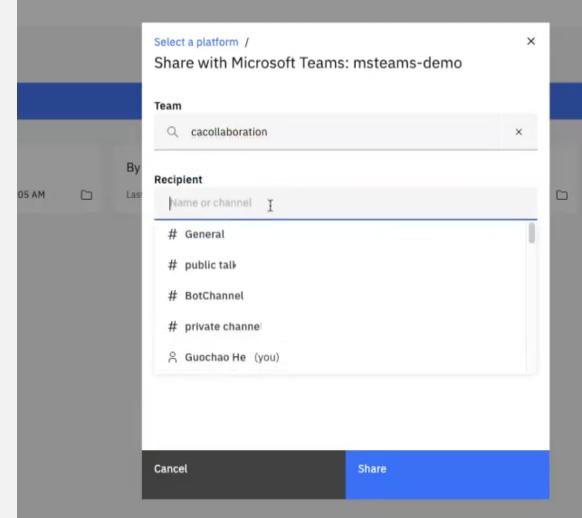
- Jupyter Notebooks Python kernel upgraded to 3.9.7
- Preview of Parameters and Prompts in Data Modules
- Customize the home page to hide the 'Watch Video' button.
- Capture source reports for report views in Audit DB
- Enhanced Security for Data Source Connections (JWT)
- Enable Zoom bar within a certain visualizations to improve usability
- Modellers can add descriptions to modelling objects
- Report authors can view column descriptions added by modellers
- Allow users to export Jupyter Notebooks in the form of an .ipynb file.
- New data source connections with CAoC On Demand
- Run on-premise Notebooks with Podman as well as Docker. Increased flexibility.
- Datasource Conformance 11.2.3
- Improve performance by reducing local processing costs; increase general performance of DQM engine

Collaborate in MS Teams

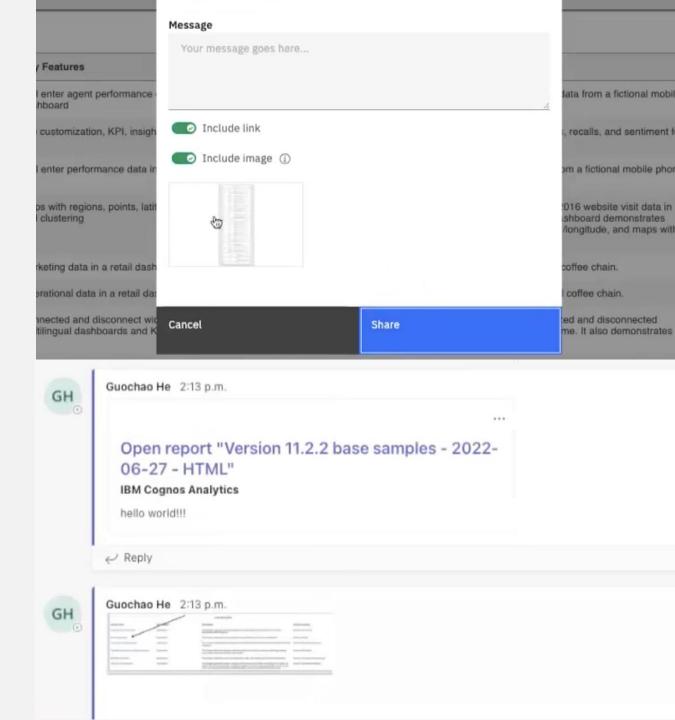
Share report/dashboard links to Microsoft Teams

- Integrate with Microsoft Teams contact list
 - Support multiple team spaces
 - Share to individual users or channels or user groups

Click to add text

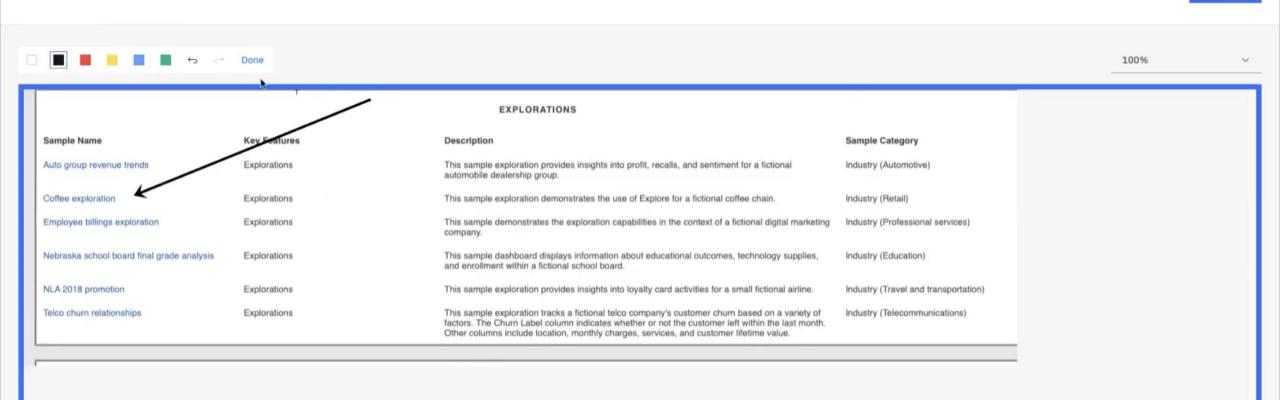


 Generate shareable Cognos links and images (optional) to Microsoft Teams



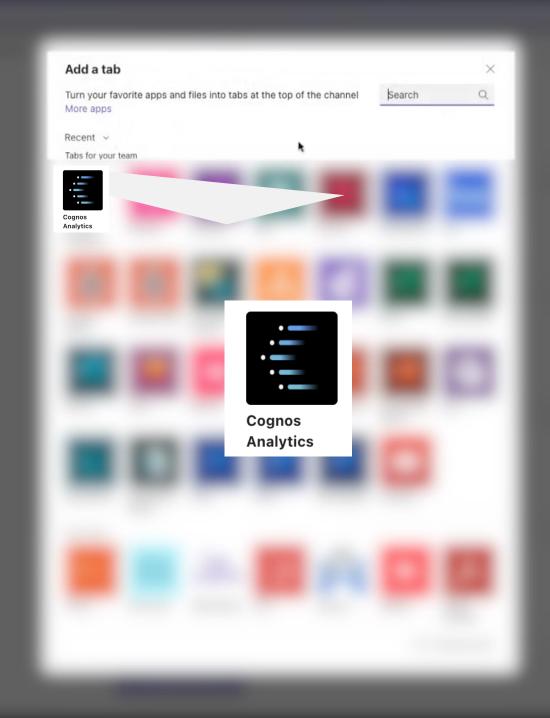
Annotate images for better clarity and easier communication

Modify your image

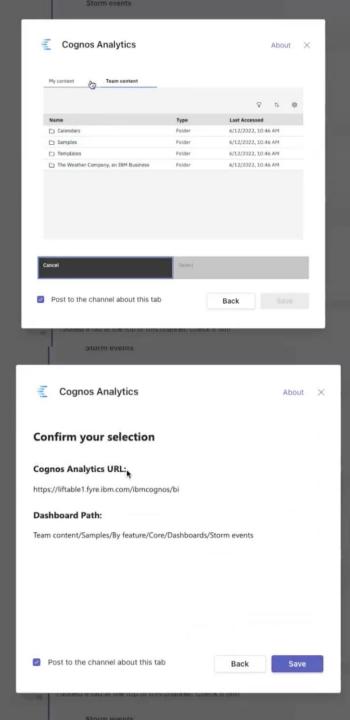


Embed Cognos dashboards in Microsoft Teams workspace tabs to increase collaboration efficiency

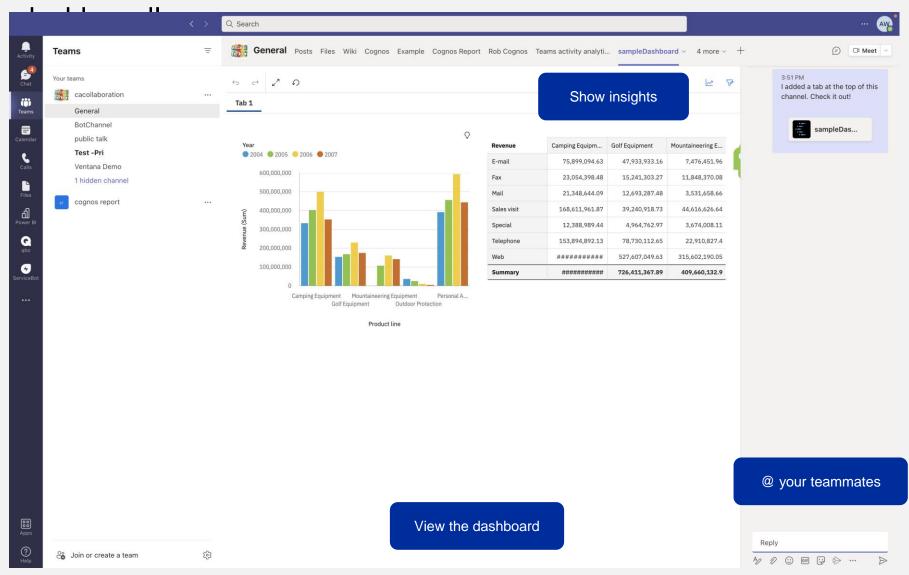
 Add your dashboards to the Teams workspace through the new Cognos Analytics App



 Use the same Cognos credentials to retrieve your Cognos assets

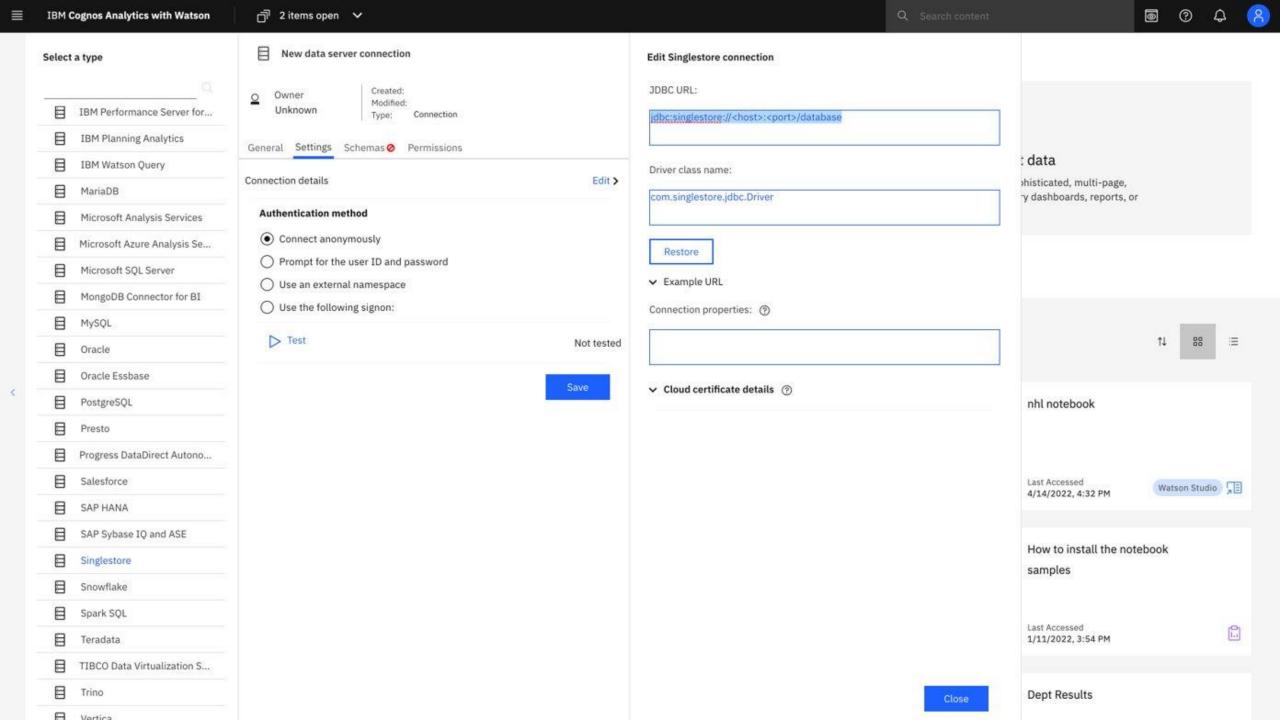


Start collaborating with your Teams on the Cognos



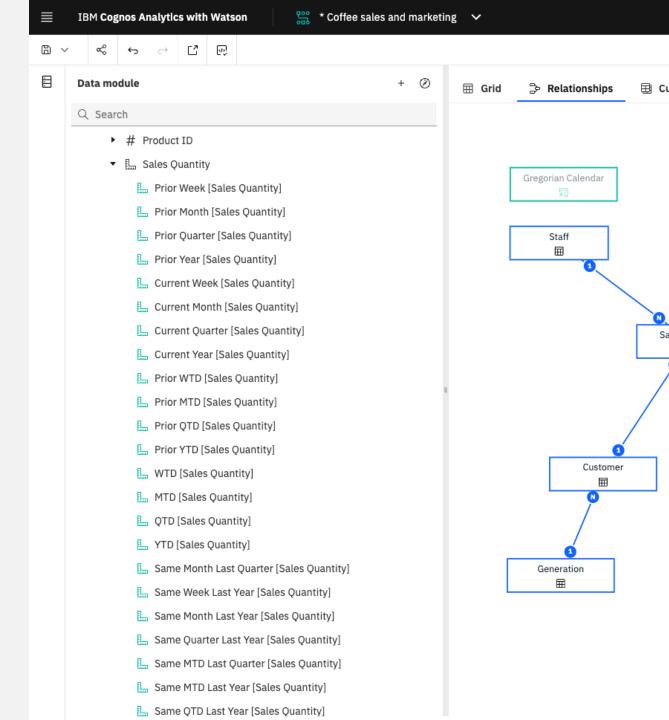
Data Access & Data Modeling Improvements

Data Source Conformance Updates



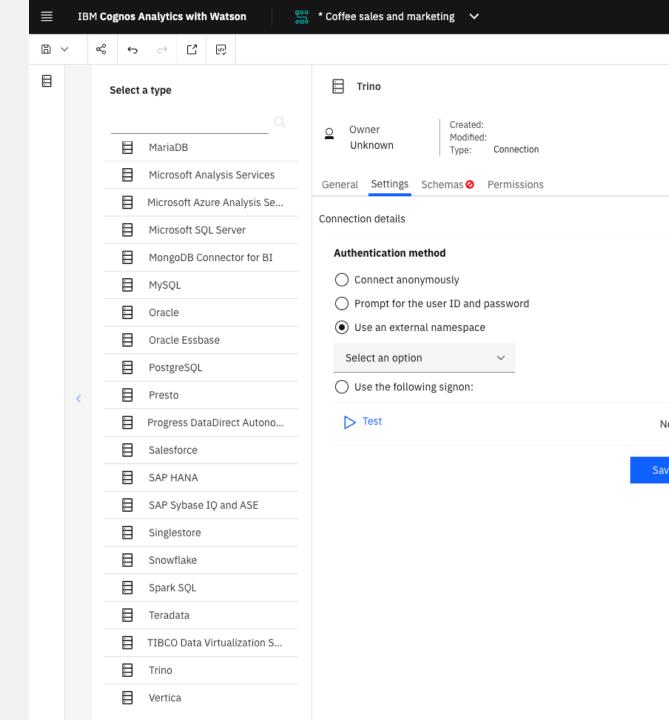
Improve performance by reducing local processing costs; increase general performance of DQM engine

- Improvements with vendor functions to reduce local processing
- Improvements to query performance with relative time

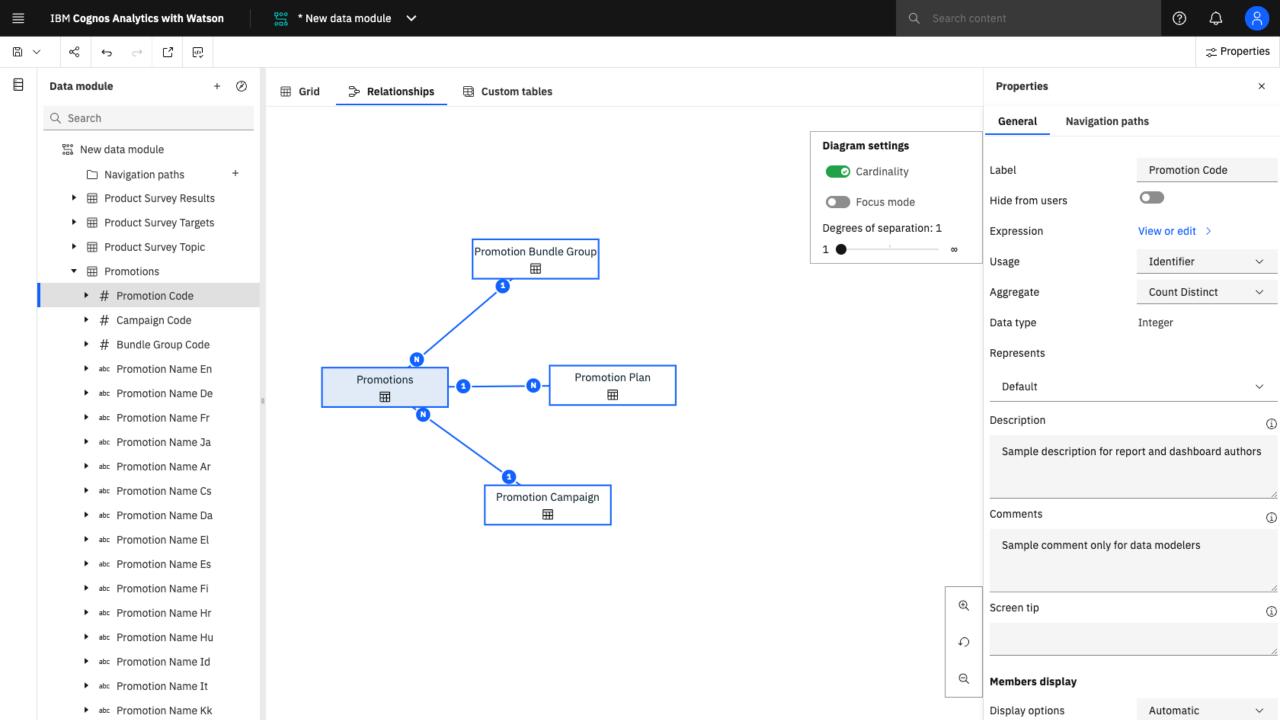


Enhanced Security for Data Source Connections (JWT)

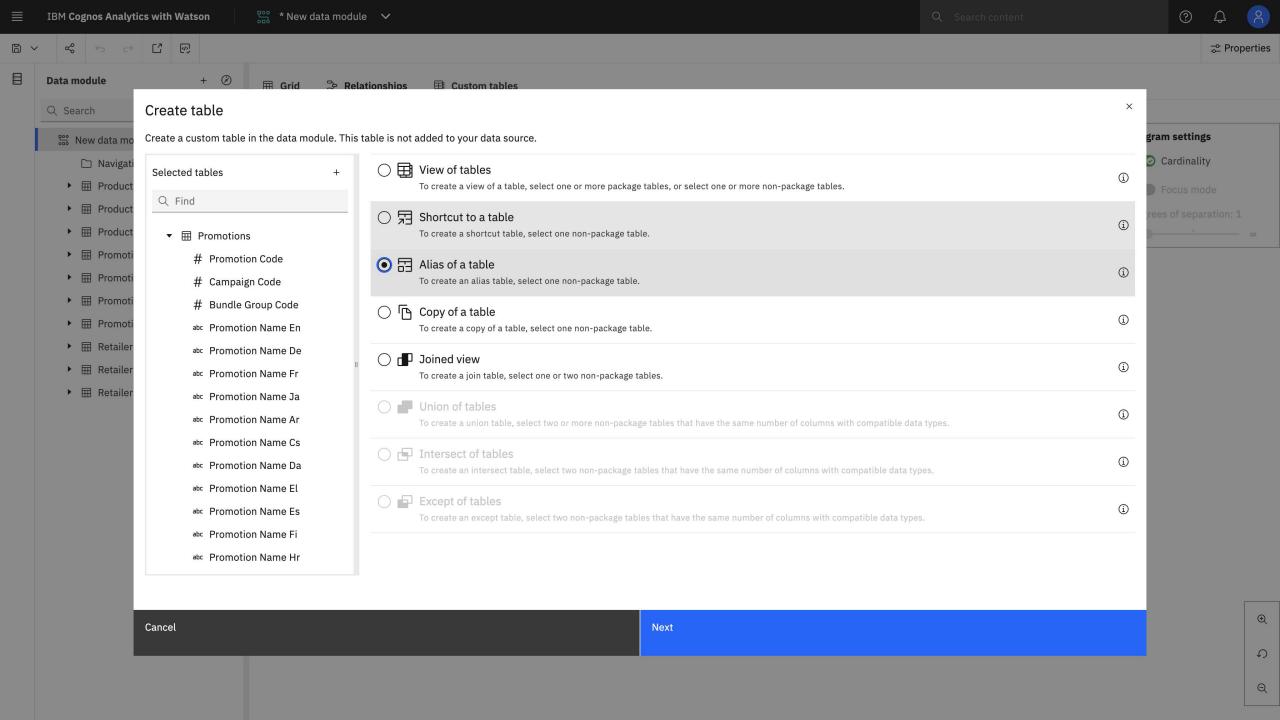
- Amazon Redshift
- Trino



Descriptions field for modeling objects

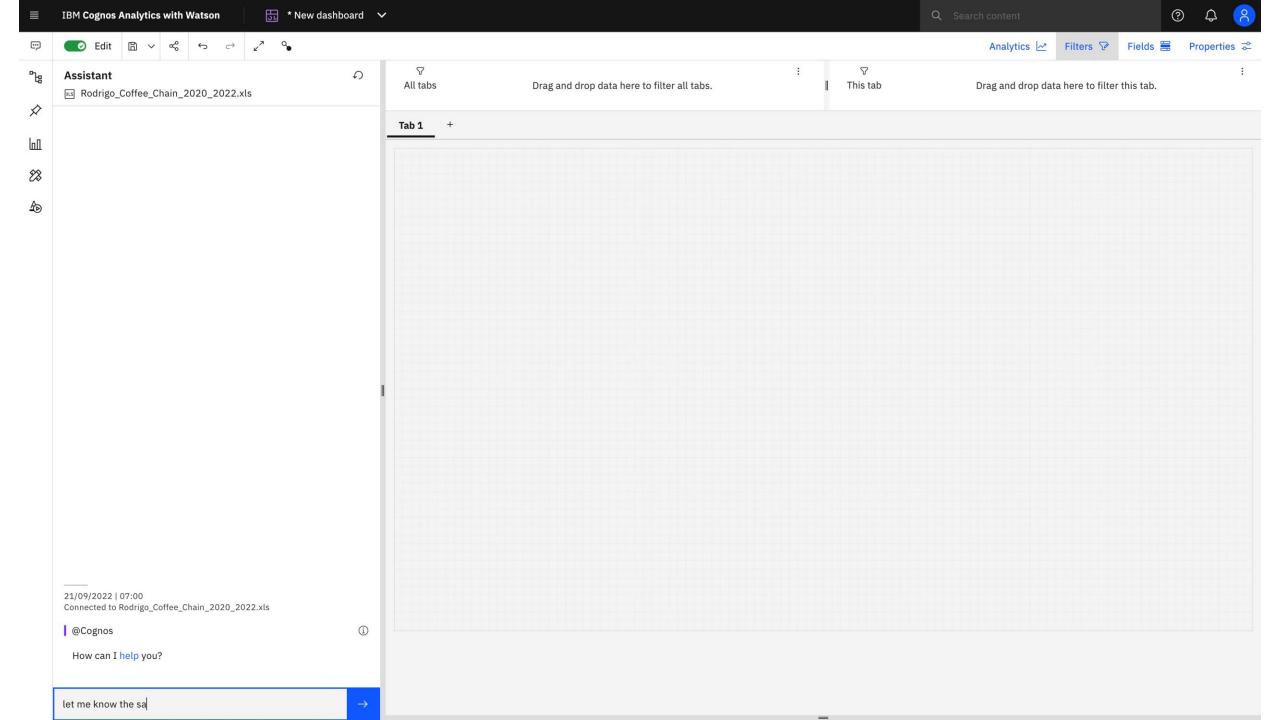


Create alias and shortcut tables in data modules.

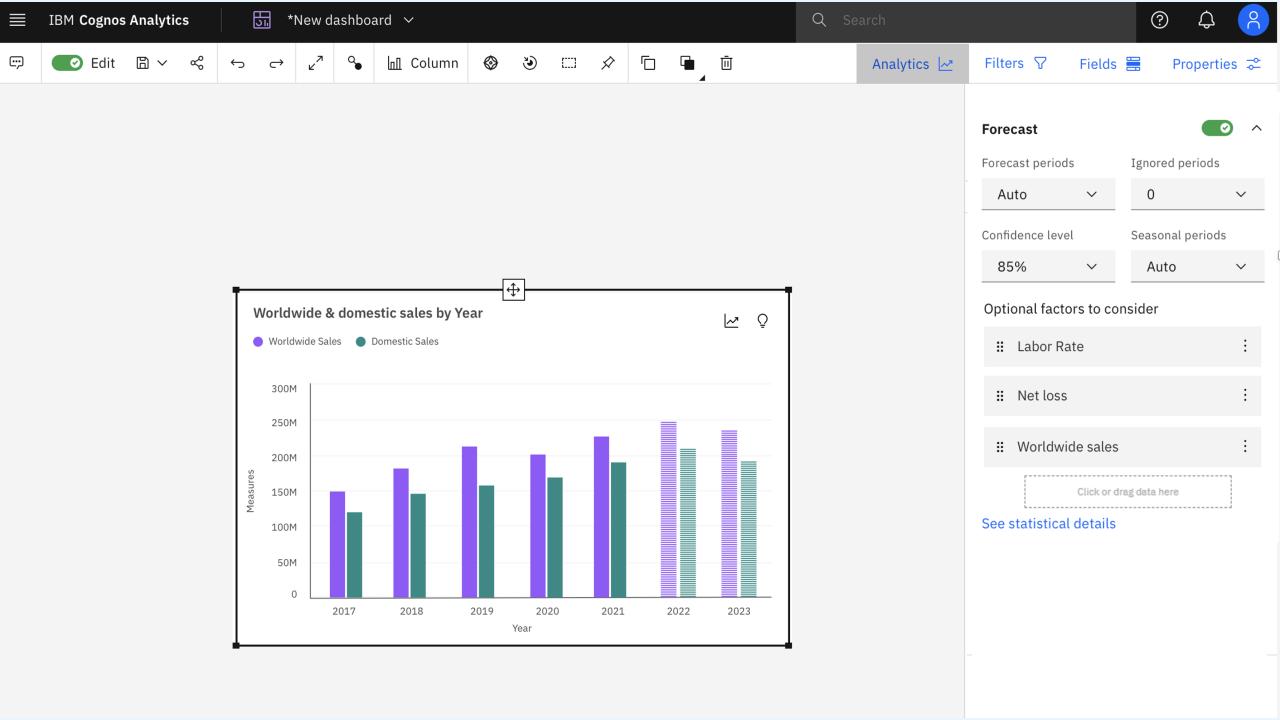


AI enhancements

Increase AI Assistant comprehension by understanding festival names, holidays abbreviations and time expressions like YTD, QTD, MTD and WTD



Enhanced forecast accuracy and allow forecast considering multiple parameters and seasons



Other ongoing improvements

New full-page user experience for editing asset properties.

Properties



General	Permissions
Name	
Tim's coffee operatio	ns
Description	
	<u>//.</u>
Permissions (i)	
Full	
Entry options	
Hide this entry	
Disable this entry	
Language	
Set language	C

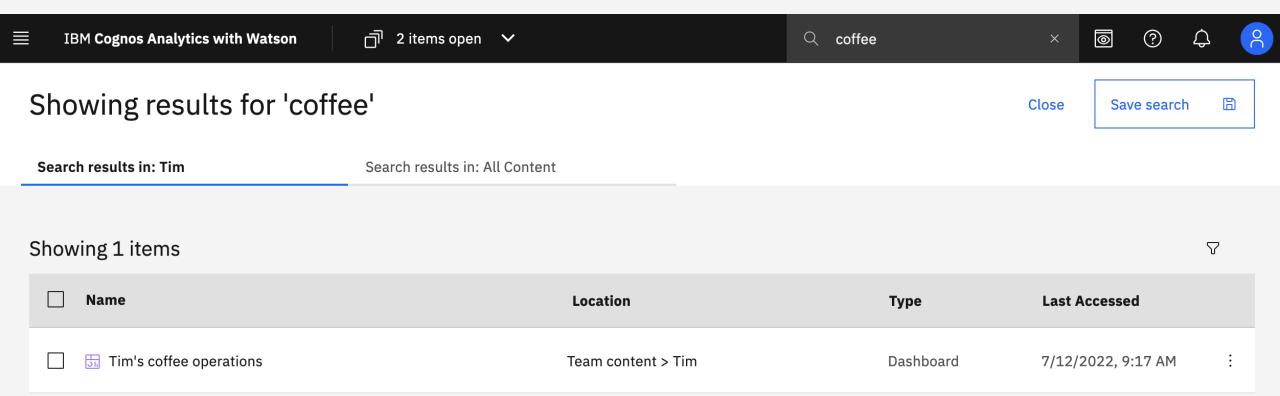
Editing asset properties is a new modern fullpage experience

Location

Enhanced search that will return both global search results as well as results from the current folder.

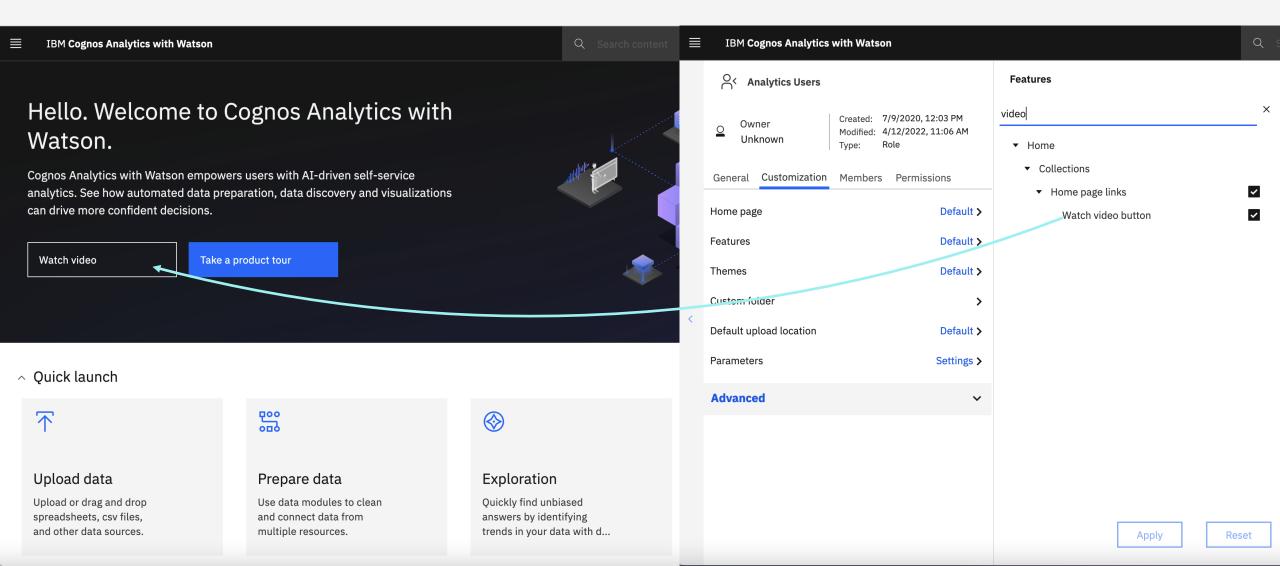
The search now includes 2 tabs:

- Global search results, like before
- NEW! Search results from your current folder



Customize the home page to hide the 'Watch Video' button

The search now includes 2 tabs: Global search results, like before NEW! Search results from your current folder



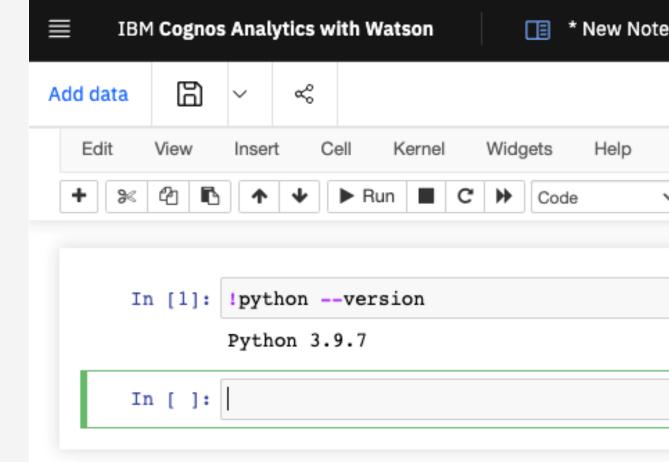
Data science updates

Upgraded kernels

R kernel to updates version 4.1

Python kernel upgraded to 3.9.7

With upgraded kernels, there is an increased compatibility with newer packages, which would lead to fewer errors when executing notebooks



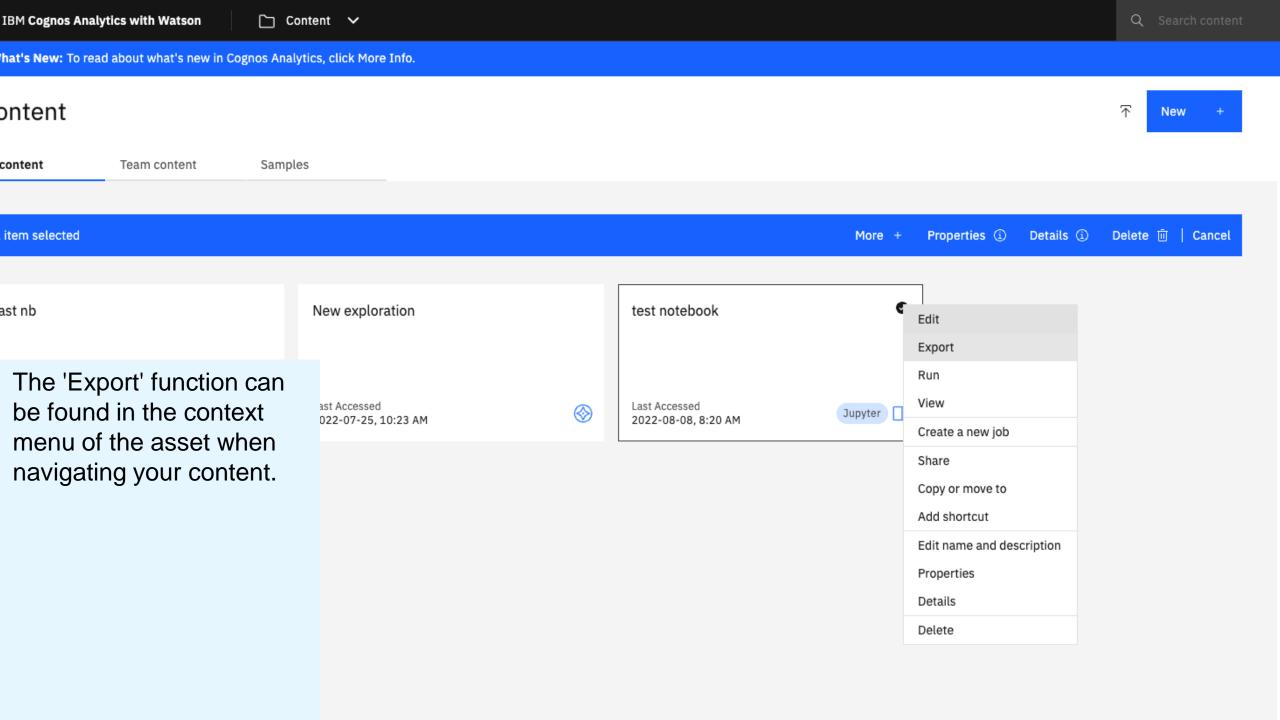
Run on-premise Notebooks with Podman as well as Docker

This provides flexibility and an alternative for customers leaving Docker due to licensing issues.

^[^C[root@gentians1 unix]#

	s1 unix]#							
_	ns1 unix]# podman ps	-a						
CONTAINER ID			COMMAND		CREATED	STATUS	PORTS	
3aac63aadd69	localhost/ca_jupyt	er_viewer:lates	t python3 -m nb	view	30 seconds ago	Up 30 seconds ago	0	
	localhost/ca_jupyt					Up 29 seconds ago		0->8000/tcp
[root@gentian:								
	s1 unix]#							
[root@gentian	ıs1 unix]# podman	version						
podman version	n 4.0.2							
[root@gentian:	s1 unix]#							
[root@gentian:	s1 unix]#							
[root@gentian:	s1 unix]#							
[root@gentian	ns1 unix]# podman ps	-a						
CONTAINER ID IMAGE			COMMAND	COMMAND		STATUS	PORTS N	
<pre>3aac63aadd69 localhost/ca_jupyter_viewer:latest</pre>			t python3 -m nb	python3 -m nbview		2 minutes ago Up 2 minutes ago		C
520167a62462 localhost/ca_jupyter_hub:latest				/sr	2 minutes ago	Up 2 minutes ago	0.0.0:8000-	>8000/tcp c
[root@gentian:	s1 unix]#							
[root@gentian:	s1 unix]#							
[root@gentian:	s1 unix]#							
[root@gentian	ns1 unix]# podman st	ats						
ID	NAME	CPU % MEI	M USAGE / LIMIT	MEM %	NET IO	BLOCK IO	PIDS	CPU TIME
3aac63aadd69	ca_jupyter_viewer		.7MB / 8.14GB	0.38%	908B / 1.87	′kB /	1	690.16168
520167a62462			4.6MB / 8.14GB	1.78%	908B / 1.59		1MB 10	1.8328891

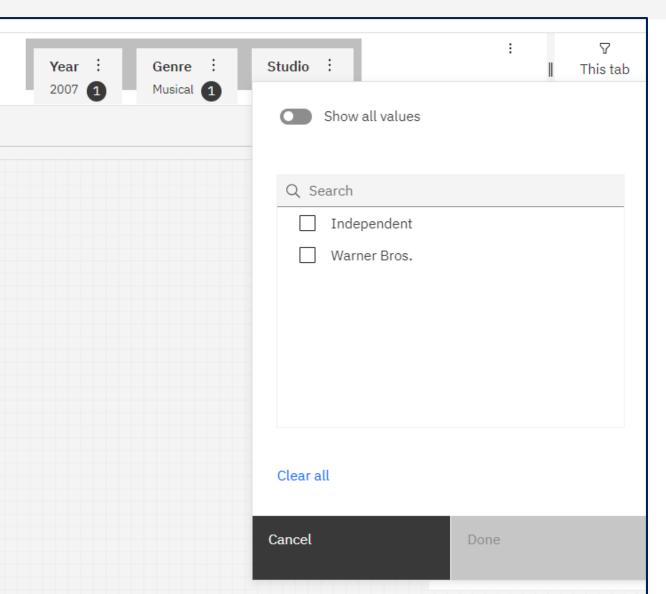
Allow users to export Jupyter Notebooks in the form of an .ipynb file.

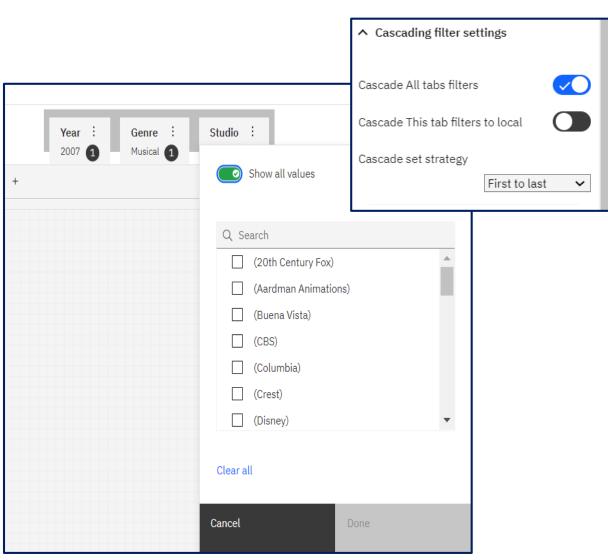


Dashboard enhancements

Multi-directional cascading filters in Dashboards

Enable values selected from one filter to scope available values in another Unidirectional and Multidirectional support Within and across Global and Tab level filters



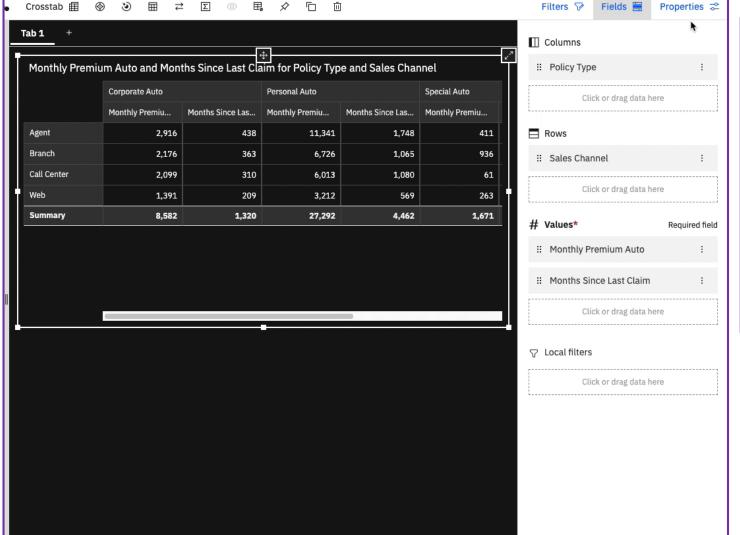


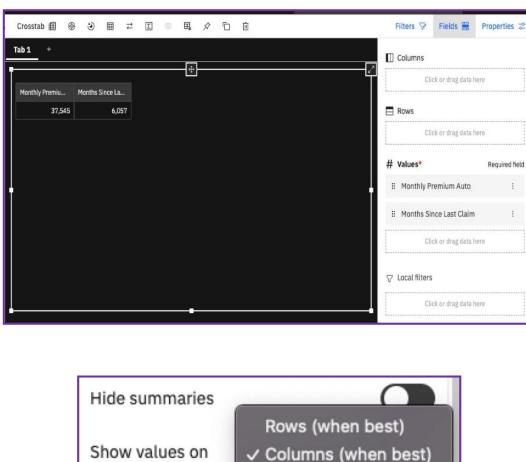
Bring in the Extensions: Values in a Crosstab Filter Dropdown Data Tool Tip

Ability to create a Values-only crosstab

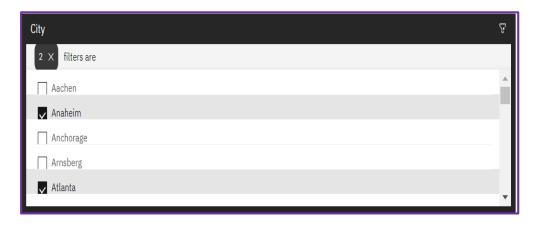
New property to move Values field data to appear as row headers, when conditions have been met:

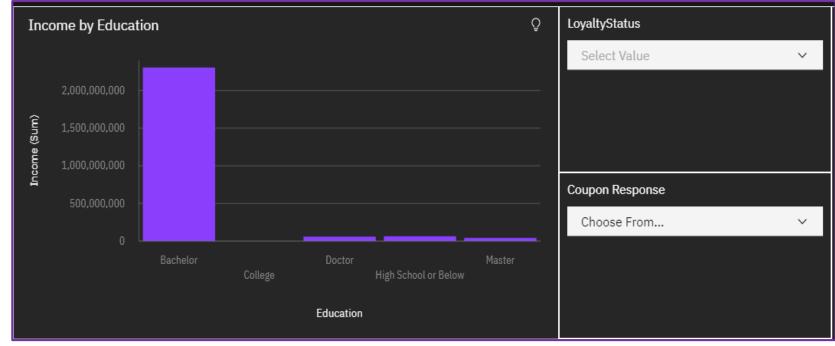
- 1. At least 1 column in Columns field
- 2. At least 1 column in Rows field
- 3. least 2 columns in Values field

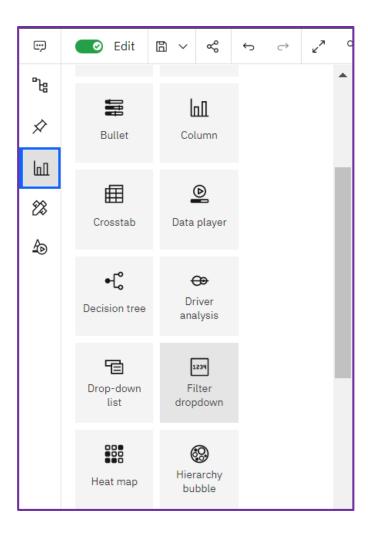




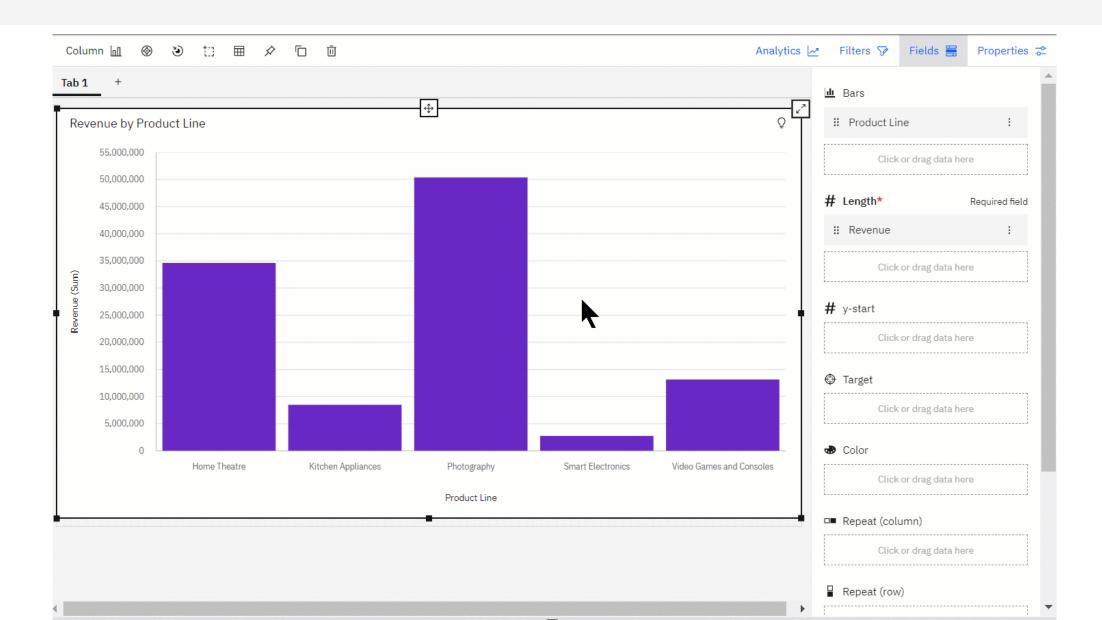
Improve dashboard usability with on-canvas filter dropdowns Customize Helper Text, Title, Selection (Single / Multiple), Refresh pattern Do not cascade in 11.2.3





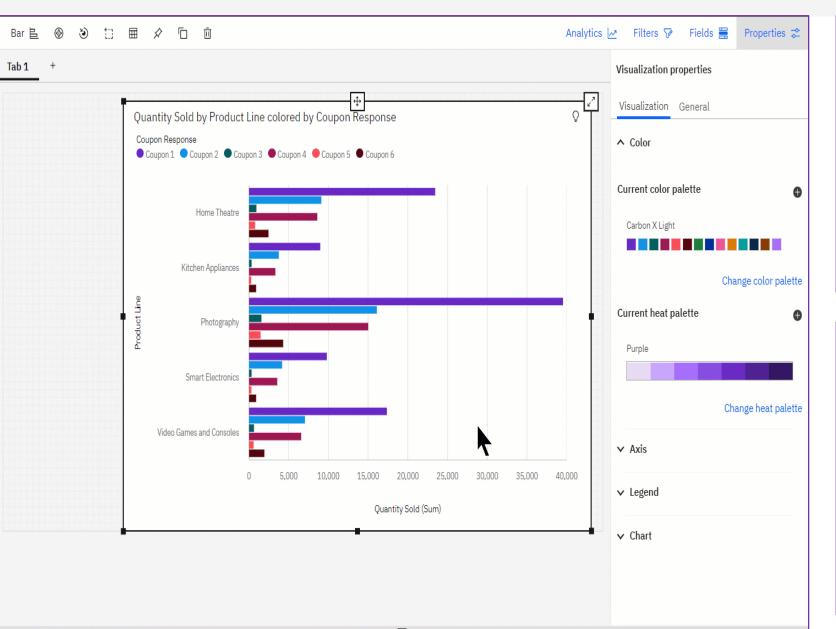


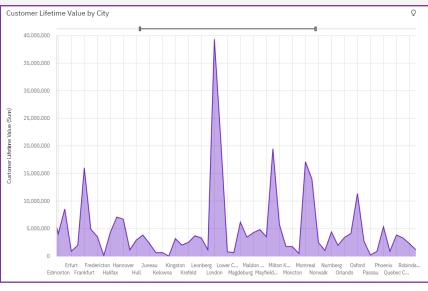
Add additional Data to your visualizations using metadata Adds additional context to interactive analysis

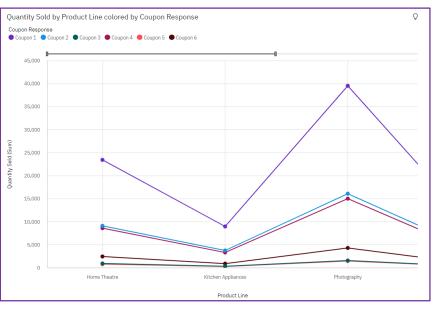


Enable Zoom bar within a certain visualizations to improve usability

Accurately control vertical/horizontal zoom Available for Bar, Area and Line Chart in 11.2.3







Extend package capabilities to Dashboard

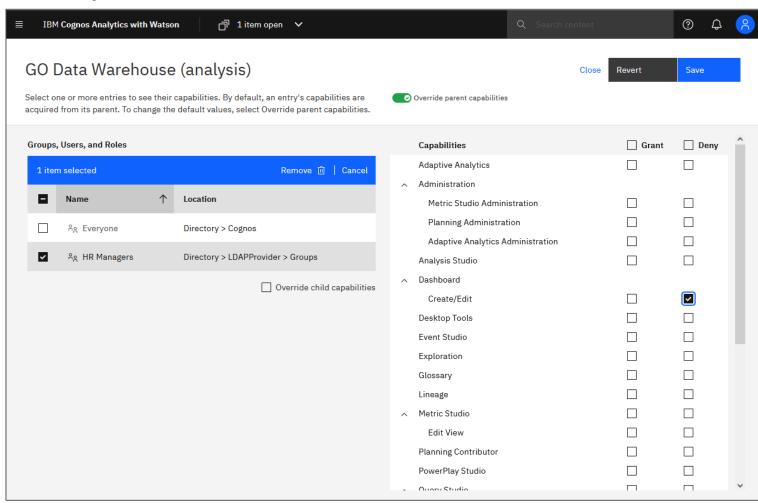
Security - Packages

Secured Capabilities continue to be extended for a robust security

model

NEW: Dashboards

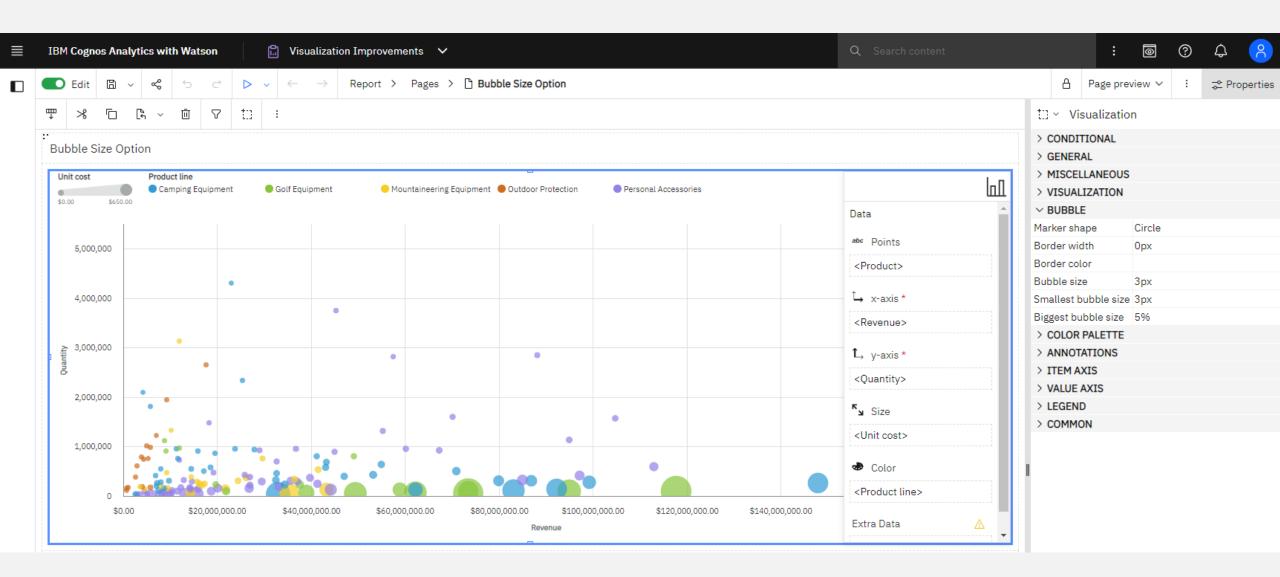
Coming Soon:
Data Modules
Datasets



Reporting enhancements

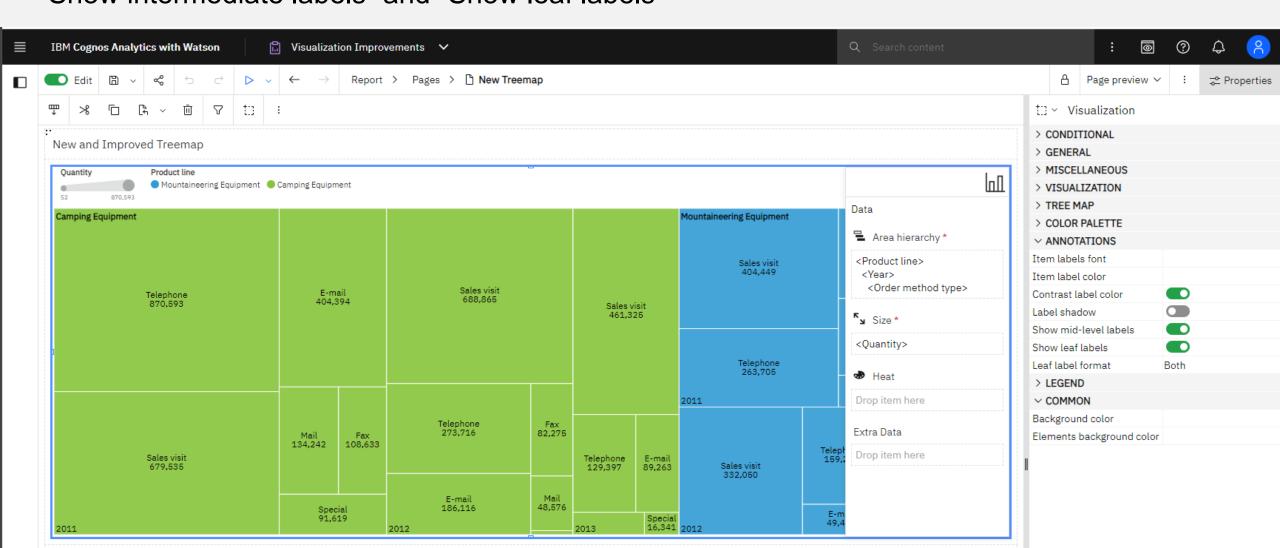
New visualization properties for bubble size and chart labels

Added bubble size support and limits for smallest and largest button

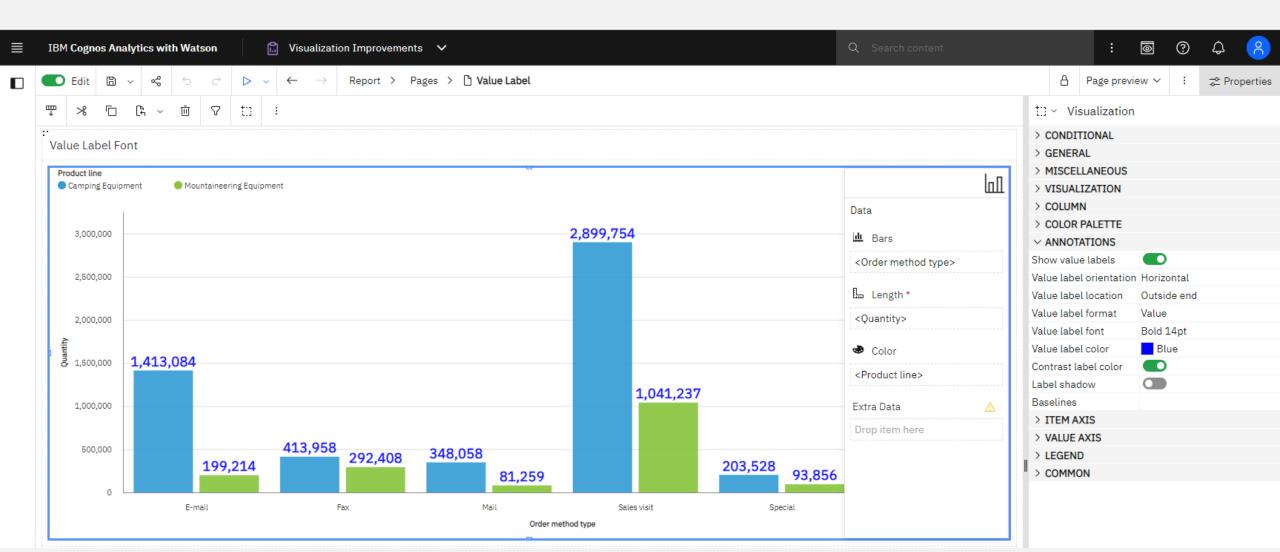


Improved Treemap visualization labeling

- Leaf label format
- "Show intermediate labels" and "Show leaf labels"



Set value labels fonts and colours



Report administration and authoring improvements

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Separate capabilities for can edit/create vs can run user defined SQL, HTML items and Burst



IBM Cognos Analytics with Watson

Capabilities

- ▼ Report Studio
 - Allow External Data
 - Create/Delete
 - **Edit Burst Definition**
 - **Edit HTML Items**
 - Edit User Defined SQL
 - Generate Burst Output
 - Run HTML Items

Run User Defined SQL

- ▶ Save to Cloud
- Scheduling
 - Self Service Package Wizard
 - Set Entry-Specific Capabilities
 - Share Pin Board
 - Snapshots
 - Specification Execution
 - Upload files
 - Visualization Alerts
 - Watch Rules

AT duiven self comice

s Analytics with

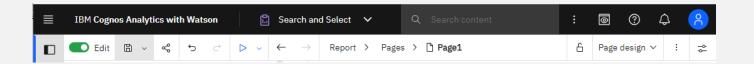
th AI-driven self-service ata discovery and visualizations

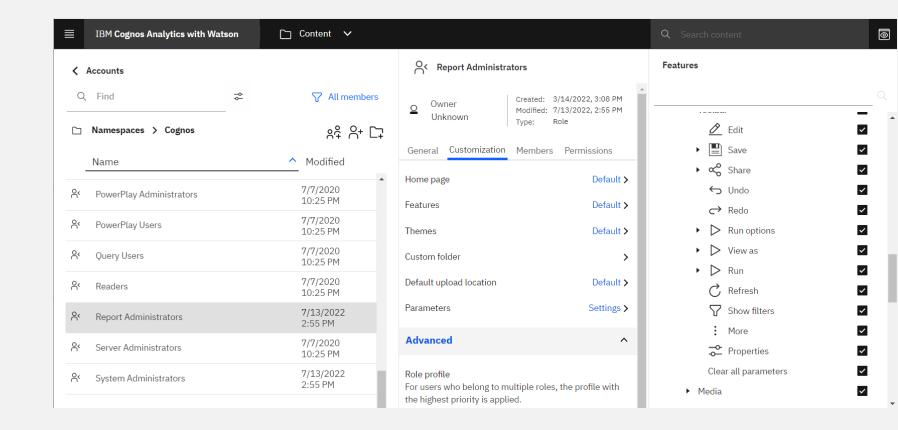


ta modules to clean nnect data from e resources.

Two new lensing options

- More
- Properties



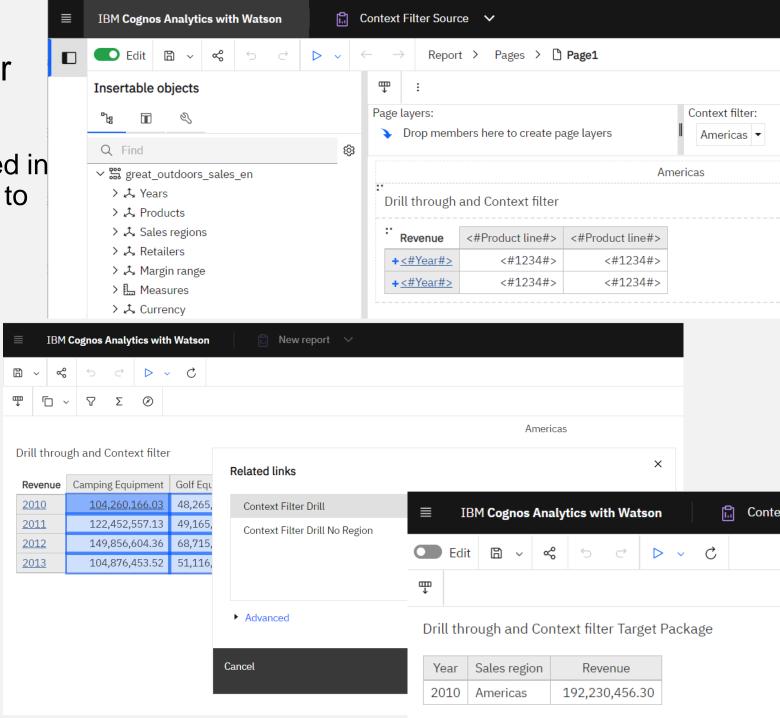


Drill-through using context filter

When performing drill through from Reporting to Reporting, values included in context filter are automatically passed to the target report as a filter value.

Note:

Works only with package drills



Capture source reports for report views in Audit DB

New table: AUDIT.DBO.COGIPF_OBJECT_INFO

```
Select
```

[COGIPF_OBJECT_NAME], [COGIPF_BASE_OBJECT_NAME],

[COGIPF_BASE_OBJECT_PATH]

from

[AUDIT.DBO.COGIPF_OBJECT_INFO]

COGIPF_OBJECT_NAME	COGIPF_BASE_OBJECT_NAME	COGIPF_BASE_OBJECT_PATH
Main Report		
Report view of Main Report	Main Report	/folder[@name='My Folders']/folder[@name='New 11.2.3']/reportView[@name='Main Report']

Deprecation Notice

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IBM Cognos Analytics with Watson 11.2.3 no longer works with the following products or product versions. These products are either deprecated or no longer supported.

- Windows 8 and 8.1
- Microsoft Internet Information Services (IIS) 7.5
- IBM InfoSphere Information Server 11.3 and 11.5
- Microsoft .NET Framework 4.0
- IBM Connections
- Mozilla Firefox ESR 68 and ESR 78
- Adobe Reader XI and DC
- FileNet Content Manager 5.2

Get help expanding self-service user adoption and reducing admin & cost

- Optimize data models and governance to support self-service
- Improve performance
- Efficiently clean up Cognos content with our proprietary report utility
- Run Cognos in concert with another BI platform
- Right-size Cognos licensing
- Upgrade to Cognos 11
- Training

https://senturus.com/technologies/ibm-cognos-consulting/modernizing-cognos/



Additional resources















Upcoming events

Agile Analytics for Cloud Cost Management

Thursday, Sept 29, 2022, 11am PT/2pm ET

Register: https://senturus.com/events/agile-analytics-for-cloud-cost-management/

Automating Cognos Cleanups and Data Migrations

Thursday, Oct 13, 2022, 11am PT/2pm ET

Register: https://senturus.com/events/automating-cognos-migrations-and-cleanups/



Modern BI: accelerated & accessible





Decisions and actions





A long, strong history of success

21+ years

1350+ clients

3000+ projects































PAINTS





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- Analytics/Business Intelligence Trainer
- Managing Consultant

See job descriptions: https://Senturus.com/why-Senturus/careers/

Send your resume to: jobs@Senturus.com

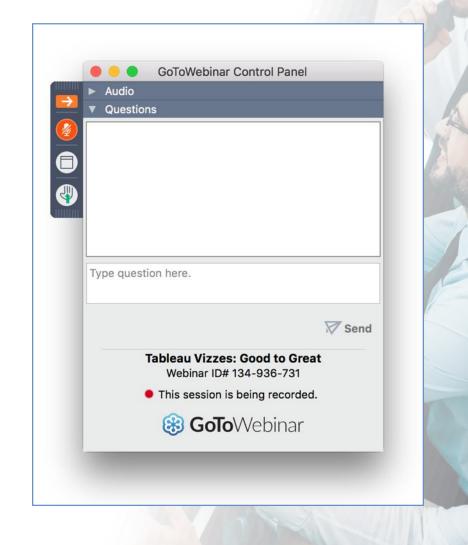


Q & A

If your question or issue is broader than what we are able to answer today, contact us at:

info@senturus.com

and we will set up a free consultation.





Thank You

