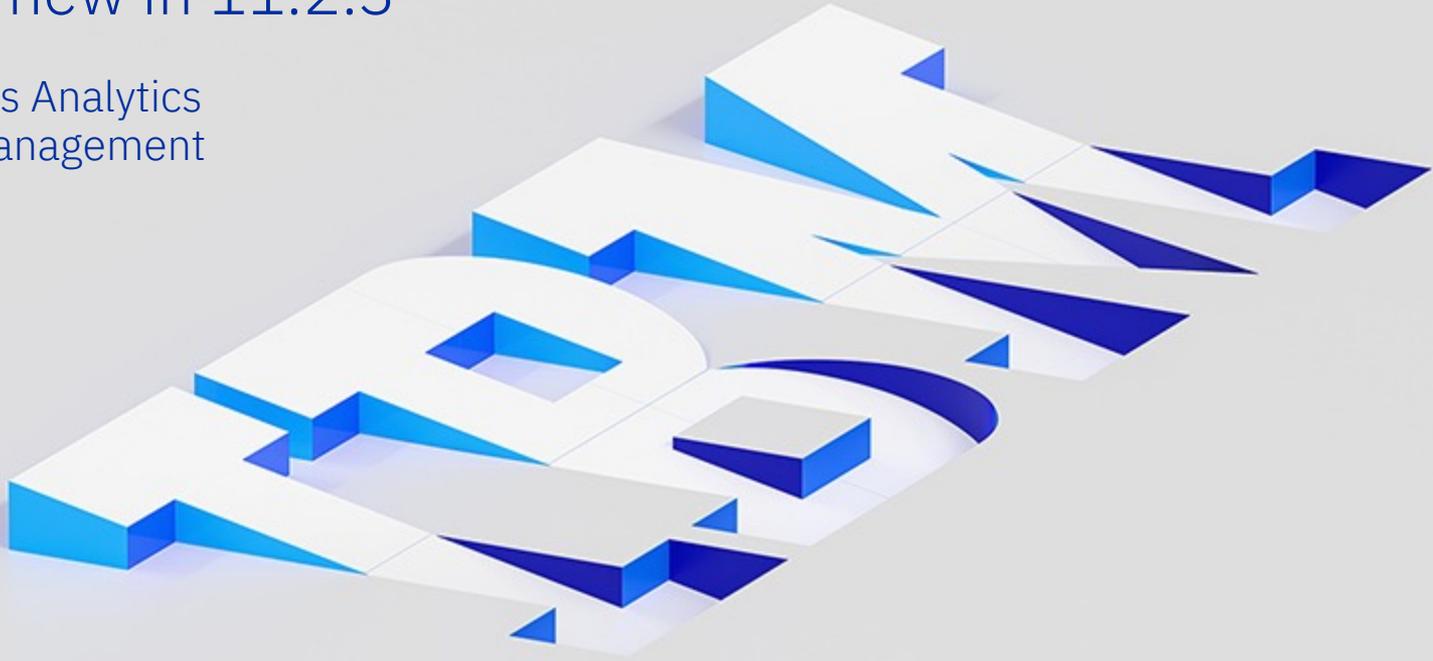


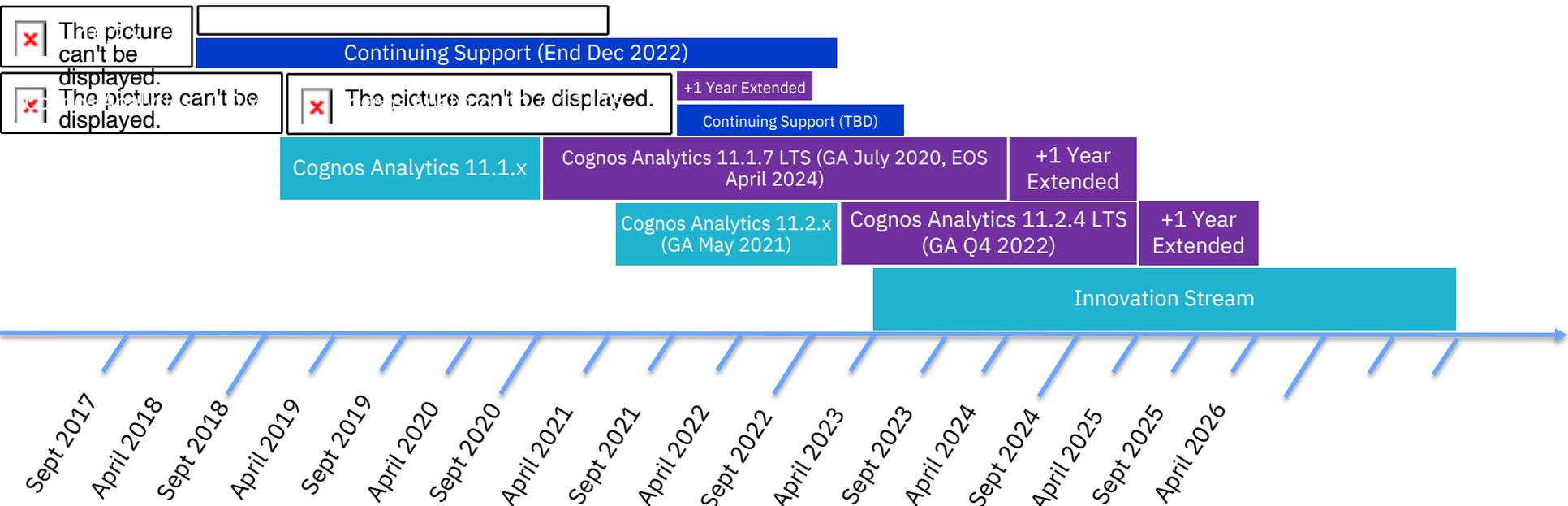
# IBM Cognos Analytics with Watson

## What's new in 11.2.3

—  
The Cognos Analytics  
Product Management  
Team



# Release Life-Cycle (In-market view)



- Innovation Stream via R releases
- Long Term Support Release (2 Years + 1 extended)
- Heritage 5+3 Enhanced Support Model Release
- Continuing support

# Recent Releases

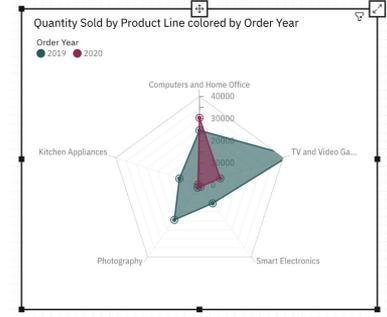
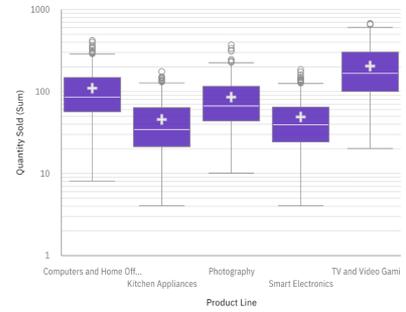
# 11.2.0 Re-cap

- UX Revamp
- AI 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.

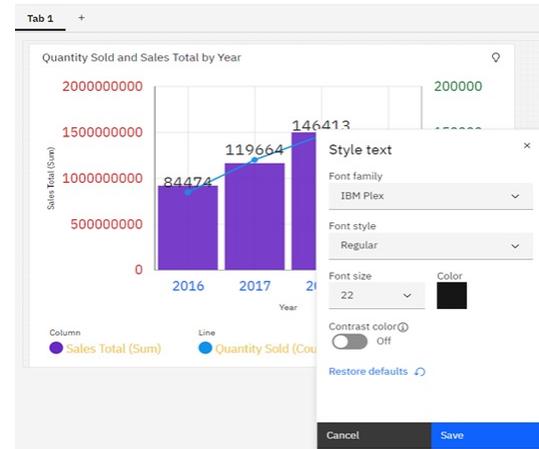
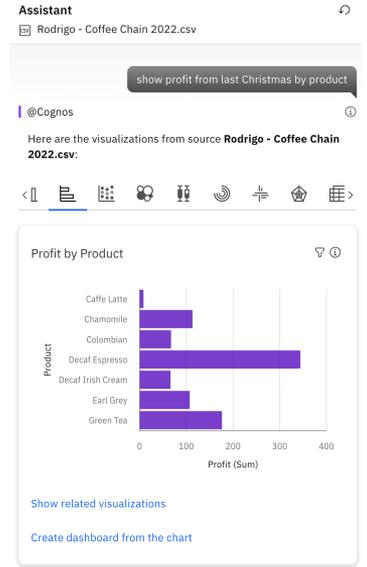


The screenshot shows the IBM Cognos Analytics homepage. At the top, there is a search bar and navigation icons. The main content area features a welcome message: 'Hello. Welcome to Cognos Analytics.' Below this, a paragraph states: 'Cognos Analytics empowers users with AI-driven self-service analytics. See how automated data preparation, data discovery and visualizations can drive more confident decisions.' At the bottom, there are two buttons: 'Watch video' and 'Take a product tour'. The background of the page is dark with a 3D visualization of blue cubes and data points.



# 11.2.2 Re-cap

- NLG rephraser – better natural language generation
- AI 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



# 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

IBM Cognos Analytics with Watson WELCOME COMPOSITE DASHBOARD ANALYTICS CATALOG DEMO FOR TOM

Hello. Welcome to Cognos Analytics with Watson.

Cognos Analytics with Watson empowers users with AI-driven self-service analytics. See how automated data preparation, data discovery and visualizations can drive more confident decisions.

Watch video

Quick Launch

- 2.69M  $\uparrow$  2.04K  $\uparrow$   
VTR (Quantity Sold) Prior VTR (Quantity Sold)
- 20.9K \$15.5K 4,535  
Sales Target Order Count
- Opportunity Analysis  
Power BI Dashboard
- IT Spend Analysis Sample  
Power BI Dashboard
- Stock market valuation  
Cognos Story

IBM Cognos Analytics with Watson WELCOME COMPOSITE DASHBOARD

POWERBI PLANNING ANALYTICS PLANNING ANALYTICS

97.90%  $\downarrow$  (+0.93%)

2.10%  $\downarrow$  (+0%)

Status	Count	Percent
In Progress	2	22%
Not Started	7	78%
Complete	0	0%
<b>Total</b>	<b>9</b>	<b>100%</b>

Year	Version	Budget	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
USD	Average	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
USD	Month End	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
USD	Spot	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
CDN	Average	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
CDN	Month End	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
CDN	Spot	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90	0.90
GBP	Average	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
GBP	Month End	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
GBP	Spot	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80

Compensation Benefits Revenue Currency Capital

COGNOS ANALYTICS

Operations Dashboard - Week 15: Ending April 14, 2019

- \$20.9K Sales
- \$15.5K Sales vs Target
- 4,535 Order Count
- \$23.27 Sales by Sq Ft
- \$5.31K Food Spoilage

Sales By Day

Date (MM/DD)	\$K Paid
3/27/19	\$978.55
3/28/19	\$524.40
3/29/19	\$923.75
3/30/19	\$923.30
3/31/19	\$1,091.00
4/1/19	\$1,091.00
4/2/19	\$1,091.00
4/3/19	\$1,091.00
4/4/19	\$1,091.00
4/5/19	\$1,091.00
4/6/19	\$1,091.00
4/7/19	\$1,091.00
4/8/19	\$1,091.00
4/9/19	\$1,091.00
4/10/19	\$1,091.00
4/11/19	\$1,091.00
4/12/19	\$1,091.00
4/13/19	\$1,091.00
4/14/19	\$1,091.00

Spoilage By Type

Spillage Type	Spillage Count
Food Spoilage	~150
Other	~50

- A single hub to discover, access, search, personalize and recommend business analytics content regardless of vendor

Your streaming service for analytics content



Your favorites



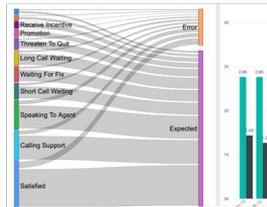
**Material Price Change**  
Planning Analytics



**Network Journey**  
Cognos Analytics



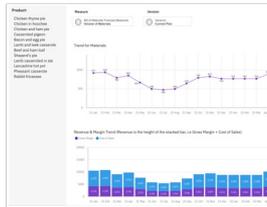
**Adjust Price & Volume**  
Planning Analytics



**Telco**  
Power BI

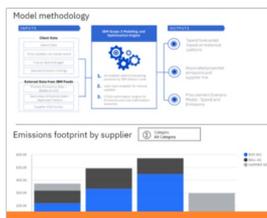
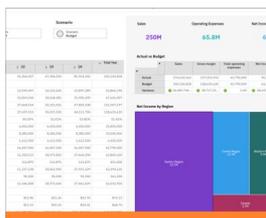
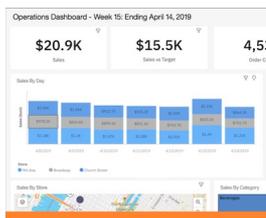
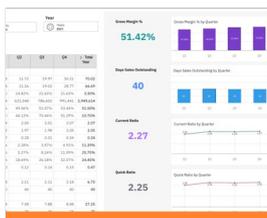


**Market Share YoY**  
Cognos Analytics



**Product Dependencies**  
Planning Analytics

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 considering 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

Alice Wang

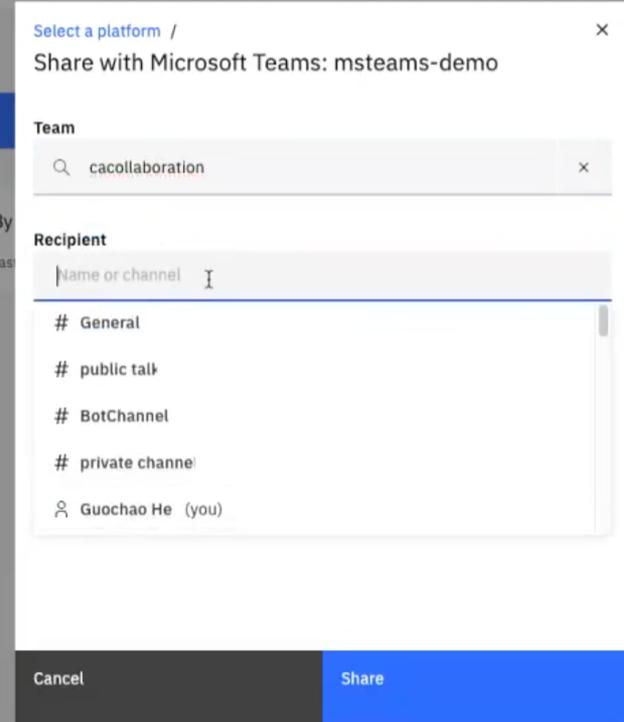
Collaboration, Conformance, Compliance

# Collaborate in MS Teams

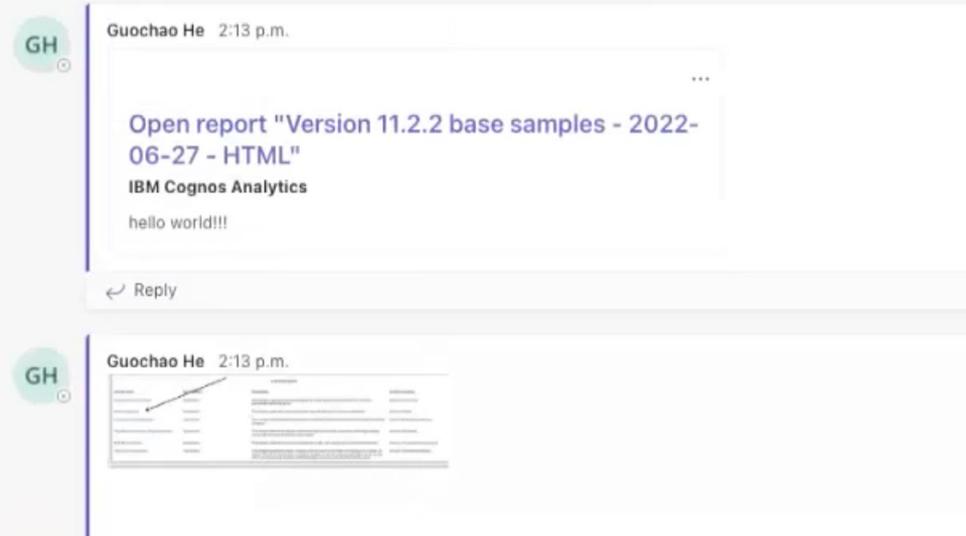
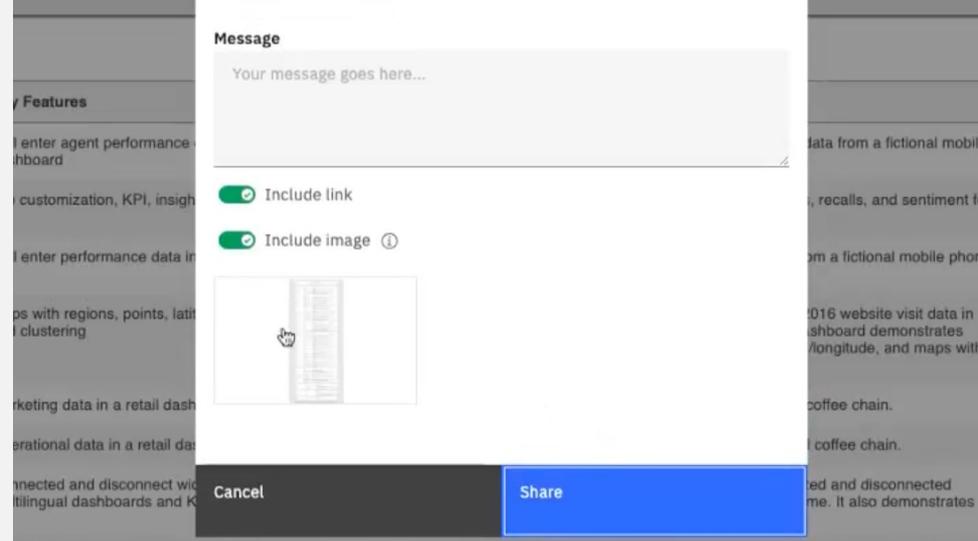
# Share report/dashboard links to Microsoft Teams

- 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

Done

□ ■ ■ ■ ■ ■ ↶ ↷ Done

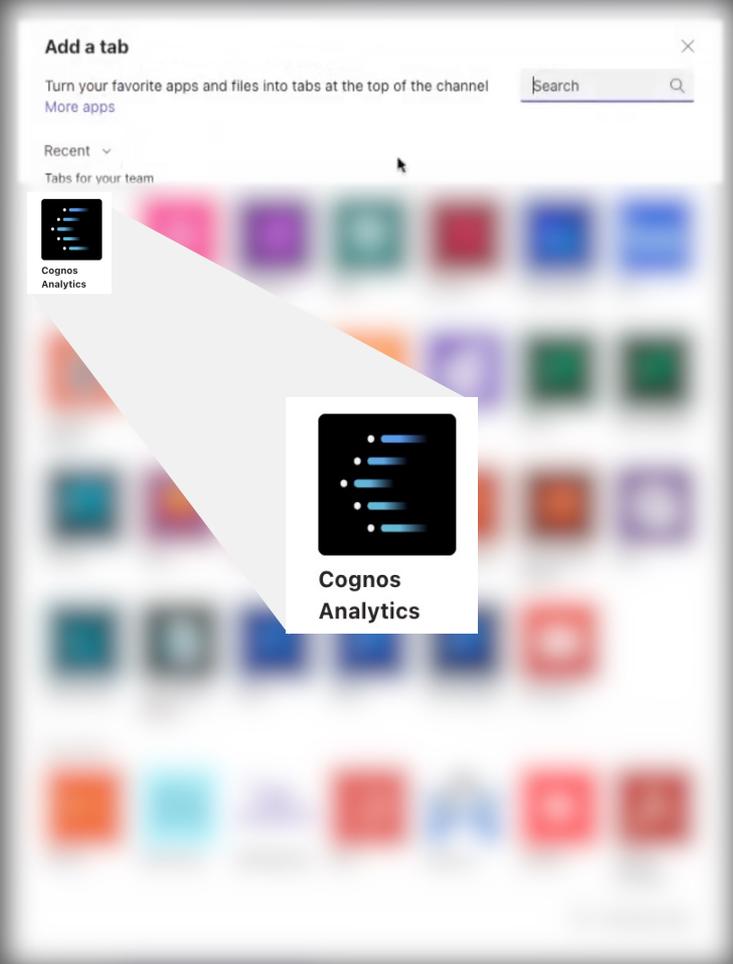
100%



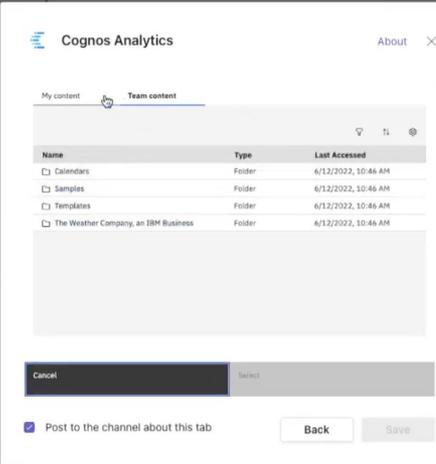
EXPLORATIONS			
Sample Name	Key Features	Description	Sample Category
<a href="#">Auto group revenue trends</a>	Explorations	This sample exploration provides insights into profit, recalls, and sentiment for a fictional automobile dealership group.	Industry (Automotive)
<a href="#">Coffee exploration</a>	Explorations	This sample exploration demonstrates the use of Explore for a fictional coffee chain.	Industry (Retail)
<a href="#">Employee billings exploration</a>	Explorations	This sample demonstrates the exploration capabilities in the context of a fictional digital marketing company.	Industry (Professional services)
<a href="#">Nebraska school board final grade analysis</a>	Explorations	This sample dashboard displays information about educational outcomes, technology supplies, and enrollment within a fictional school board.	Industry (Education)
<a href="#">NLA 2018 promotion</a>	Explorations	This sample exploration provides insights into loyalty card activities for a small fictional airline.	Industry (Travel and transportation)
<a href="#">Telco churn relationships</a>	Explorations	This sample exploration tracks a fictional telco company's customer churn based on a variety of factors. The Churn Label column indicates whether or not the customer left within the last month. Other columns include location, monthly charges, services, and customer lifetime value.	Industry (Telecommunications)

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



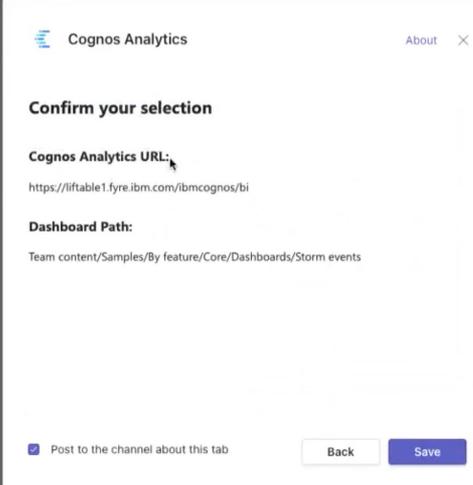
- Use the same Cognos credentials to retrieve your Cognos assets



The screenshot shows the Cognos Analytics interface. At the top, there is a header with the Cognos logo and the text "Cognos Analytics". To the right of the header is an "About" link and a close button (X). Below the header, there are two tabs: "My content" and "Team content", with "Team content" being the active tab. Underneath the tabs is a search bar with a dropdown arrow, a filter icon (fl), and a refresh icon (⌂). Below the search bar is a table with three columns: "Name", "Type", and "Last Accessed". The table contains four rows of data:

Name	Type	Last Accessed
Calendars	Folder	6/12/2022, 10:46 AM
Samples	Folder	6/12/2022, 10:46 AM
Templates	Folder	6/12/2022, 10:46 AM
The Weather Company, an IBM Business	Folder	6/12/2022, 10:46 AM

Below the table is a "Cancel" button and a "Select" button. At the bottom of the interface, there is a checkbox labeled "Post to the channel about this tab" which is checked, and two buttons: "Back" and "Save".



The screenshot shows a confirmation dialog box titled "Confirm your selection". At the top, there is a header with the Cognos logo and the text "Cognos Analytics". To the right of the header is an "About" link and a close button (X). Below the header, the text "Confirm your selection" is displayed. Underneath, there is a section labeled "Cognos Analytics URL:" followed by the URL "https://lftable1.fyre.ibm.com/ibmcognos/bi". Below that, there is a section labeled "Dashboard Path:" followed by the path "Team content/Samples/By feature/Core/Dashboards/Storm events". At the bottom of the dialog, there is a checkbox labeled "Post to the channel about this tab" which is checked, and two buttons: "Back" and "Save".

- Start collaborating with your Teams on the Cognos dashboard!

The screenshot shows a Microsoft Teams chat window with a Cognos dashboard embedded. The dashboard displays a bar chart and a table of revenue data.

**Bar Chart Data (Revenue in \$mm):**

Product line	2004	2005	2006	2007
Camping Equipment	350,000,000	400,000,000	500,000,000	350,000,000
Mountaineering Equipment	150,000,000	200,000,000	250,000,000	150,000,000
Golf Equipment	100,000,000	150,000,000	150,000,000	100,000,000
Outdoor Protection	50,000,000	50,000,000	50,000,000	50,000,000
Personal A...	400,000,000	450,000,000	550,000,000	450,000,000

**Table Data (Revenue):**

Revenue	Camping Equipm...	Golf Equipment	Mountaineering E...
E-mail	75,899,094.63	47,933,933.16	7,476,451.96
Fax	23,054,398.48	15,241,303.27	11,848,370.08
Mail	21,348,644.09	12,693,287.48	3,531,658.66
Sales visit	168,611,961.87	39,240,918.73	44,616,626.64
Special	12,388,989.44	4,964,762.97	3,674,008.11
Telephone	153,894,892.13	78,730,112.65	22,910,827.4
Web	#####	527,607,049.63	315,602,190.05
<b>Summary</b>	<b>#####</b>	<b>726,411,367.89</b>	<b>409,660,132.9</b>

Chat messages include: "I added a tab at the top of this channel. Check it out!" and "sampleDas...". A blue button "@ your teammates" is overlaid on the chat area.

Zach Taylor

Modelling, Data Access, Analyst Relations

# Data Access & Data Modeling Improvements

# Data Source Conformance Updates

Select a type

- IBM Performance Server for...
- IBM Planning Analytics
- IBM Watson Query
- MariaDB
- Microsoft Analysis Services
- Microsoft Azure Analysis Se...
- Microsoft SQL Server
- MongoDB Connector for BI
- MySQL
- Oracle
- Oracle Essbase
- PostgreSQL
- Presto
- Progress DataDirect Autono...
- Salesforce
- SAP HANA
- SAP Sybase IQ and ASE
- Singlestore
- Snowflake
- Spark SQL
- Teradata
- TIBCO Data Virtualization S...
- Trino
- Vertica

New data server connection

Owner: Unknown  
 Created:   
 Modified:   
 Type: Connection

General Settings Schemas Permissions

Connection details Edit

Authentication method

- Connect anonymously
- Prompt for the user ID and password
- Use an external namespace
- Use the following signon:

Test Not tested

Save

Edit Singlestore connection

JDBC URL:

jdbc:singlestore://<host>:<port>/database

Driver class name:

com.singlestore.jdbc.Driver

Restore

Example URL

Connection properties:

Cloud certificate details

Close

data

Advanced, multi-page, interactive dashboards, reports, or

↑ ↓ ☰ ☰ ☰

nhl notebook

Last Accessed 4/14/2022, 4:32 PM Watson Studio

How to install the notebook samples

Last Accessed 1/11/2022, 3:54 PM

Dept Results

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

The screenshot displays the IBM Cognos Analytics interface. At the top, the header shows 'IBM Cognos Analytics with Watson' and a browser tab for '\* Coffee sales and marketing'. Below the header is a navigation bar with icons for home, search, and navigation. The main content area is divided into two panes. The left pane, titled 'Data module', contains a search bar and a list of data modules under the 'Sales Quantity' category. The right pane, titled 'Relationships', shows a diagram of data relationships between tables: 'Gregorian Calendar', 'Staff', 'Customer', and 'Generation'. The relationships are indicated by blue lines with cardinality symbols (1 and N).

**Data module**

Search

- ▶ # Product ID
- ▼ Sales Quantity
  - Prior Week [Sales Quantity]
  - Prior Month [Sales Quantity]
  - Prior Quarter [Sales Quantity]
  - Prior Year [Sales Quantity]
  - Current Week [Sales Quantity]
  - Current Month [Sales Quantity]
  - Current Quarter [Sales Quantity]
  - Current Year [Sales Quantity]
  - Prior WTD [Sales Quantity]
  - Prior MTD [Sales Quantity]
  - Prior QTD [Sales Quantity]
  - Prior YTD [Sales Quantity]
  - WTD [Sales Quantity]
  - MTD [Sales Quantity]
  - QTD [Sales Quantity]
  - YTD [Sales Quantity]
  - Same Month Last Quarter [Sales Quantity]
  - Same Week Last Year [Sales Quantity]
  - Same Month Last Year [Sales Quantity]
  - Same Quarter Last Year [Sales Quantity]
  - Same MTD Last Quarter [Sales Quantity]
  - Same MTD Last Year [Sales Quantity]
  - Same QTD Last Year [Sales Quantity]

**Relationships**

Gregorian Calendar

Staff

Customer

Generation

# Enhanced Security for Data Source Connections (JWT)

- Amazon Redshift
- Trino

The screenshot shows the IBM Cognos Analytics interface. At the top, the header reads "IBM Cognos Analytics with Watson" and "Coffee sales and marketing". Below the header is a navigation bar with icons for home, search, and other functions. The main content area is divided into two panels. The left panel, titled "Select a type", contains a list of database connection options: MariaDB, Microsoft Analysis Services, Microsoft Azure Analysis Se..., Microsoft SQL Server, MongoDB Connector for BI, MySQL, Oracle, Oracle Essbase, PostgreSQL, Presto, Progress DataDirect Autono..., Salesforce, SAP HANA, SAP Sybase IQ and ASE, Singlestore, Snowflake, Spark SQL, Teradata, TIBCO Data Virtualization S..., Trino, and Vertica. The right panel, titled "Trino", shows the configuration details for a Trino connection. It includes fields for "Owner" (Unknown), "Created:", "Modified:", and "Type" (Connection). Below these are tabs for "General", "Settings", "Schemas", and "Permissions". The "Settings" tab is active, showing the "Authentication method" section with three radio button options: "Connect anonymously", "Prompt for the user ID and password", and "Use an external namespace" (which is selected). There is also a dropdown menu labeled "Select an option" and a "Test" button.

# Descriptions field for modeling objects

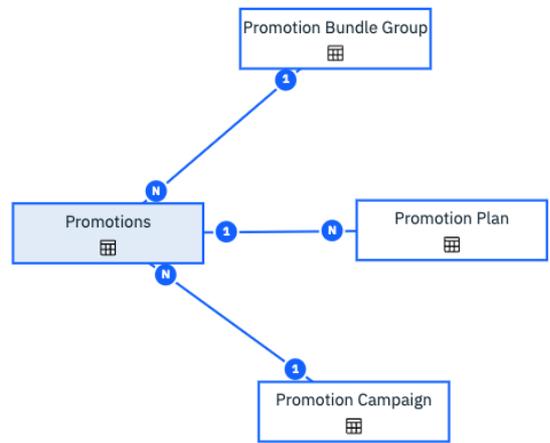


Data module +

Search

- New data module
  - Navigation paths +
  - Product Survey Results
  - Product Survey Targets
  - Product Survey Topic
  - Promotions
    - # Promotion Code
    - # Campaign Code
    - # Bundle Group Code
    - abc Promotion Name En
    - abc Promotion Name De
    - abc Promotion Name Fr
    - abc Promotion Name Ja
    - abc Promotion Name Ar
    - abc Promotion Name Cs
    - abc Promotion Name Da
    - abc Promotion Name El
    - abc Promotion Name Es
    - abc Promotion Name Fi
    - abc Promotion Name Hr
    - abc Promotion Name Hu
    - abc Promotion Name Id
    - abc Promotion Name It
    - abc Promotion Name Kk

Grid Relationships Custom tables



**Diagram settings**

Cardinality

Focus mode

Degrees of separation: 1

1  ∞

Properties

General Navigation paths

Label: Promotion Code

Hide from users:

Expression: [View or edit >](#)

Usage: Identifier

Aggregate: Count Distinct

Data type: Integer

Represents: Default

Description: Sample description for report and dashboard authors

Comments: Sample comment only for data modelers

Screen tip

**Members display**

Display options: Automatic



Create alias and shortcut tables in data modules.

### Create table

Create a custom table in the data module. This table is not added to your data source.

Selected tables +

Find

- ▼ Promotions
  - # Promotion Code
  - # Campaign Code
  - # Bundle Group Code
  - abc Promotion Name En
  - abc Promotion Name De
  - abc Promotion Name Fr
  - abc Promotion Name Ja
  - abc Promotion Name Ar
  - abc Promotion Name Cs
  - abc Promotion Name Da
  - abc Promotion Name El
  - abc Promotion Name Es
  - abc Promotion Name Fi
  - abc Promotion Name Hr

- View of tables**  
To create a view of a table, select one or more package tables, or select one or more non-package tables.
- Shortcut to a table**  
To create a shortcut table, select one non-package table.
- Alias of a table**  
To create an alias table, select one non-package table.
- Copy of a table**  
To create a copy of a table, select one non-package table.
- Joined view**  
To create a join table, select one or two non-package tables.
- Union of tables**  
To create a union table, select two or more non-package tables that have the same number of columns with compatible data types.
- Intersect of tables**  
To create an intersect table, select two non-package tables that have the same number of columns with compatible data types.
- Except of tables**  
To create an except table, select two non-package tables that have the same number of columns with compatible data types.

Cancel
Next

Navigation pane on the left:

- ▶ Product
- ▶ Product
- ▶ Product
- ▶ Promoti
- ▶ Retailer
- ▶ Retailer
- ▶ Retailer

Right pane (Properties):

- Program settings
- Cardinality
- Focus mode
- rees of separation: 1

Tim Aston

Home page, Content Nav, Mobile, IBM Dashboards, Release Planning

Other ongoing  
improvements

New full-page user experience  
for editing asset properties.



# Properties

Close

Save

General

Permissions

Name

Tim's coffee operations

Description

Permissions ⓘ

Full

Entry options

Hide this entry

Disable this entry

Language

Set language



Editing asset properties is a new modern full-page experience

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

# Showing results for 'coffee'

Search results in: Tim

Search results in: All Content

Showing 1 items

<input type="checkbox"/>	Name	Location	Type	Last Accessed	
<input type="checkbox"/>	 Tim's coffee operations	Team content > Tim	Dashboard	7/12/2022, 9:17 AM	⋮

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

The screenshot displays the IBM Cognos Analytics with Watson user interface. The top navigation bar includes the product name and a search bar. The main content area features a welcome message and a 'Watch video' button. A search sidebar on the right shows 'Analytics Users' details and a search for 'video' in the 'Features' section, with 'Watch video button' as a result. A 'Quick launch' section at the bottom offers options for 'Upload data', 'Prepare data', and 'Exploration'. A red arrow points from the 'Watch video' button in the main content to the search results in the sidebar.

IBM Cognos Analytics with Watson

Search content

# Hello. Welcome to Cognos Analytics with Watson.

Cognos Analytics with Watson empowers users with AI-driven self-service analytics. See how automated data preparation, data discovery and visualizations can drive more confident decisions.

Watch video

Take a product tour

Analytics Users

Owner: Unknown

Created: 7/9/2020, 12:03 PM  
Modified: 4/12/2022, 11:06 AM  
Type: Role

General Customization Members Permissions

Home page Default >

Features Default >

Themes Default >

Custom folder >

Default upload location Default >

Parameters Settings >

Advanced >

Features

video

Home

Collections

Home page links

Watch video button

Quick launch

Upload data

Prepare data

Exploration

Apply

Reset

Rodrigo de Andrade  
AI, Visualization, Mapping

AI

enhancements

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

Edit

**Assistant**

Rodrigo\_Coffee\_Chain\_2020\_2022.xls



21/09/2022 | 07:00  
 Connected to Rodrigo\_Coffee\_Chain\_2020\_2022.xls

@Cognos

How can I [help](#) you?

let me know the sa

All tabs Drag and drop data here to filter all tabs.

This tab Drag and drop data here to filter this tab.

**Tab 1** +

Enhanced forecast accuracy  
and allow forecast considering  
multiple parameters and  
seasons

Now the forecast can consider up to 5 factors

The screenshot shows the IBM Cognos Analytics interface. The main chart, titled 'Margin by Month', displays a line graph of 'Margin (Average)' over time. The x-axis lists months from January to March of the following year. The y-axis ranges from 0 to 120. A solid line represents historical data, and a dashed line represents the forecast. The forecast starts in January of the next year and continues through March. The forecast values are approximately 105, 108, and 110 for the first three months of the next year.

The right sidebar contains the 'Forecast' settings panel, which is highlighted with a red box. It includes the following settings:

- Forecast periods: Auto
- Ignored last periods: 0
- Confidence level: 95%
- Seasonal period: Auto
- Optional factors to consider: 2/5
  - Sales
  - Profit

Below the optional factors, there is a dashed box with the text 'Click or drag data here'. At the bottom of the sidebar, there is a 'See statistical details' link and an 'Insights' toggle switch.

# Rahul Gupta

Data Science, Analytics Content Hub, NPS, CA Trial,  
Competitive Analysis

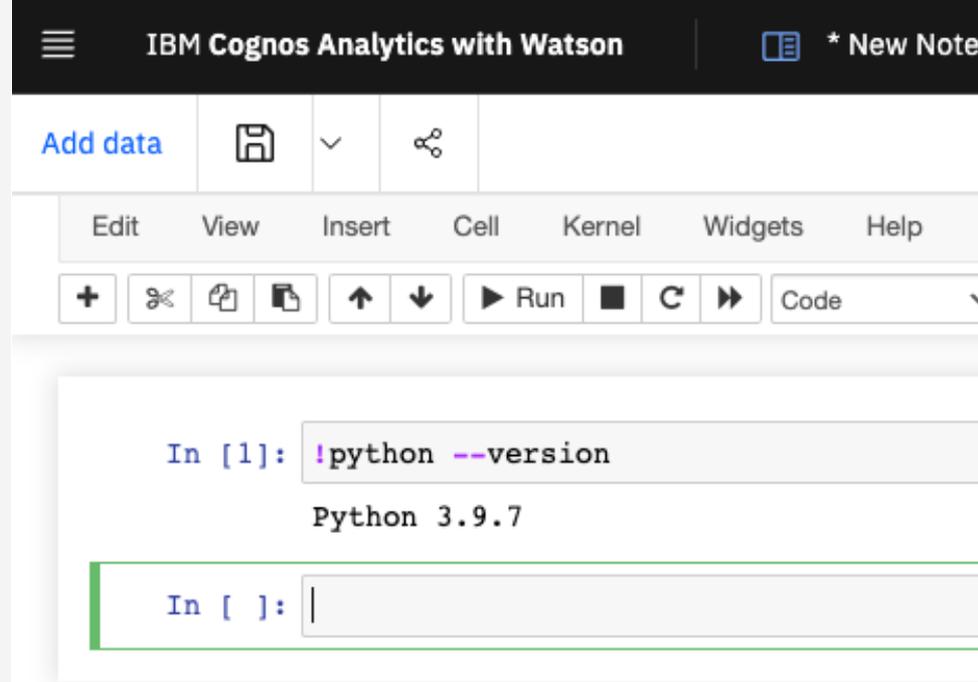
# Data science updates

# 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.

```
[root@gentians1 unix]#  
[root@gentians1 unix]# podman ps -a  
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS  
3aac63aadd69 localhost/ca_jupyter_viewer:latest python3 -m nbview... 30 seconds ago Up 30 seconds ago  
520167a62462 localhost/ca_jupyter_hub:latest jupyterhub -f /sr... 29 seconds ago Up 29 seconds ago 0.0.0.0:8000->8000/tcp  
[root@gentians1 unix]#  
[root@gentians1 unix]#  
[root@gentians1 unix]# podman --version  
podman version 4.0.2  
[root@gentians1 unix]#  
[root@gentians1 unix]#  
[root@gentians1 unix]#  
[root@gentians1 unix]# podman ps -a  
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS N  
3aac63aadd69 localhost/ca_jupyter_viewer:latest python3 -m nbview... 2 minutes ago Up 2 minutes ago c  
520167a62462 localhost/ca_jupyter_hub:latest jupyterhub -f /sr... 2 minutes ago Up 2 minutes ago 0.0.0.0:8000->8000/tcp c  
[root@gentians1 unix]#  
[root@gentians1 unix]#  
[root@gentians1 unix]#  
[root@gentians1 unix]# podman stats  
  
ID NAME CPU % MEM USAGE / LIMIT MEM % NET IO BLOCK IO PIDS CPU TIME  
3aac63aadd69 ca_jupyter_viewer 4.16% 30.7MB / 8.14GB 0.38% 908B / 1.87kB -- / -- 1 690.16168  
520167a62462 ca_jupyter_hub 1.10% 144.6MB / 8.14GB 1.78% 908B / 1.594kB 169.7MB / 1.1MB 10 1.8328891  
^C  
[root@gentians1 unix]#
```

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

What's New: To read about what's new in Cognos Analytics, click More Info.

# Content



New



Content

Team content

Samples

1 item selected

More +

Properties ⓘ

Details ⓘ

Delete 🗑️

Cancel

Last nb

'Export' function can be found in the context menu of the asset when right-clicking your content.

New exploration

Last Accessed  
2022-07-25, 10:23 AM

test notebook

Last Accessed  
2022-08-08, 8:20 AM

Jupyter

- Edit
- Export
- Run
- View
- Create a new job
- Share
- Copy or move to
- Add shortcut
- Edit name and description
- Properties
- Details
- Delete

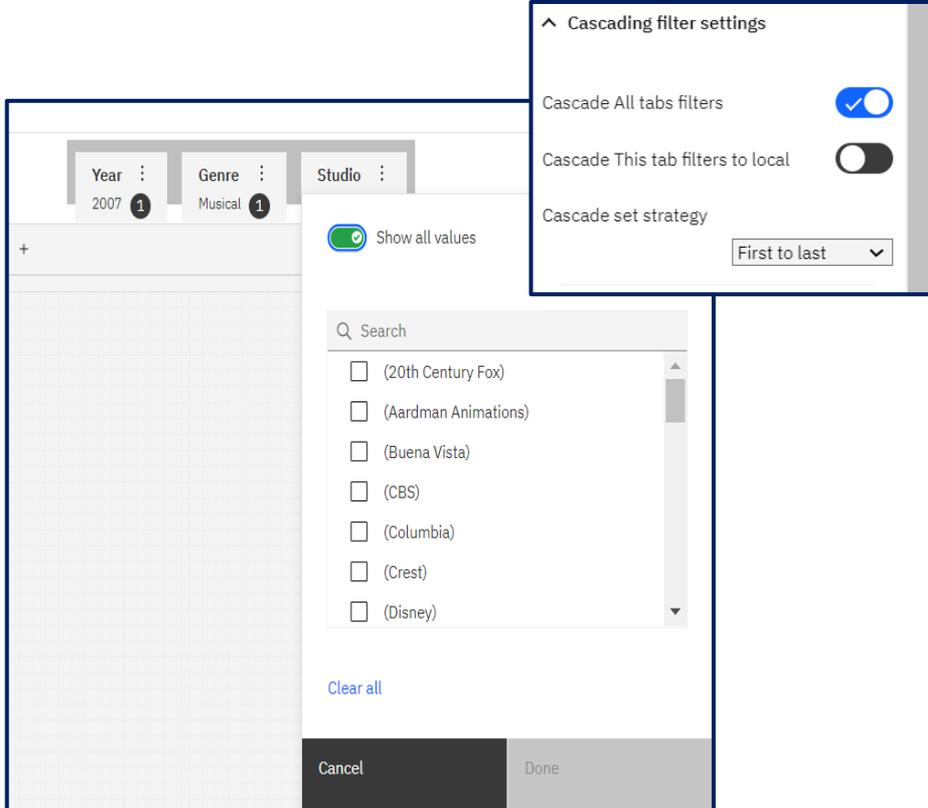
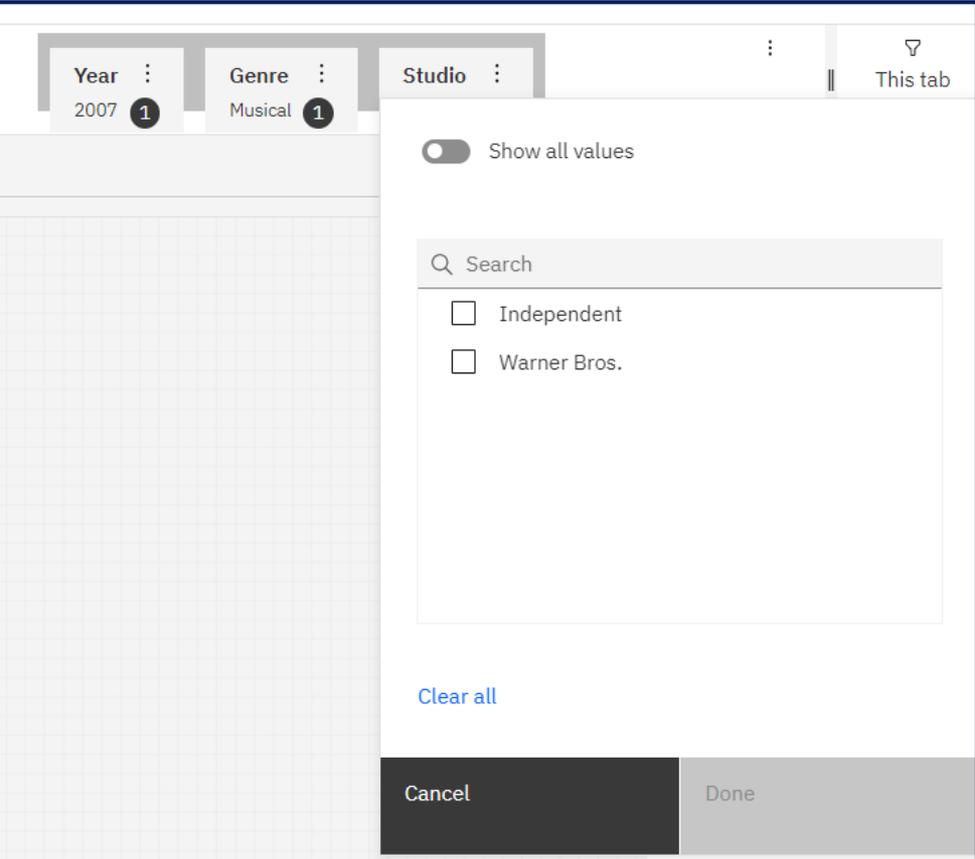
Sami El Cheikh

Dashboard, Microsoft Office Connection for Cognos

# 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

Monthly Premium Auto and Months Since Last Claim for Policy Type and Sales Channel

	Corporate Auto		Personal Auto		Special Auto
	Monthly Premi...	Months Since Las...	Monthly Premi...	Months Since Las...	Monthly Premi...
Agent	2,916	438	11,341	1,748	411
Branch	2,176	363	6,726	1,065	936
Call Center	2,099	310	6,013	1,080	61
Web	1,391	209	3,212	569	263
Summary	8,582	1,320	27,292	4,462	1,671

Monthly Premium Auto: 37,545  
Months Since Last Claim: 6,057

Hide summaries

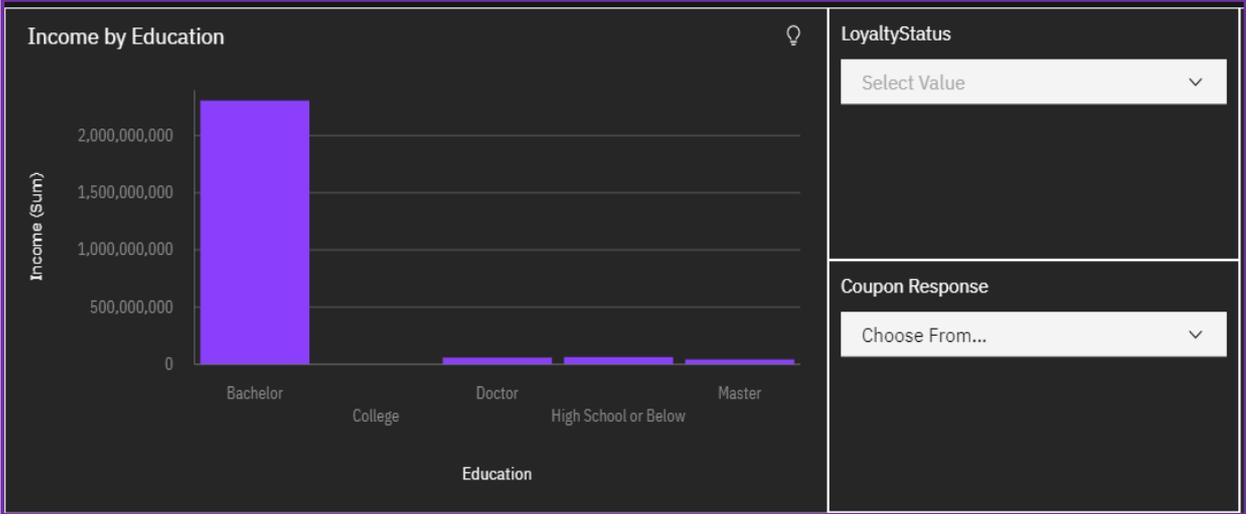
Show values on  Rows (when best)  Columns (when best)

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

City

2 X filters are

- Aachen
- Anaheim
- Anchorage
- Arnsberg
- Atlanta

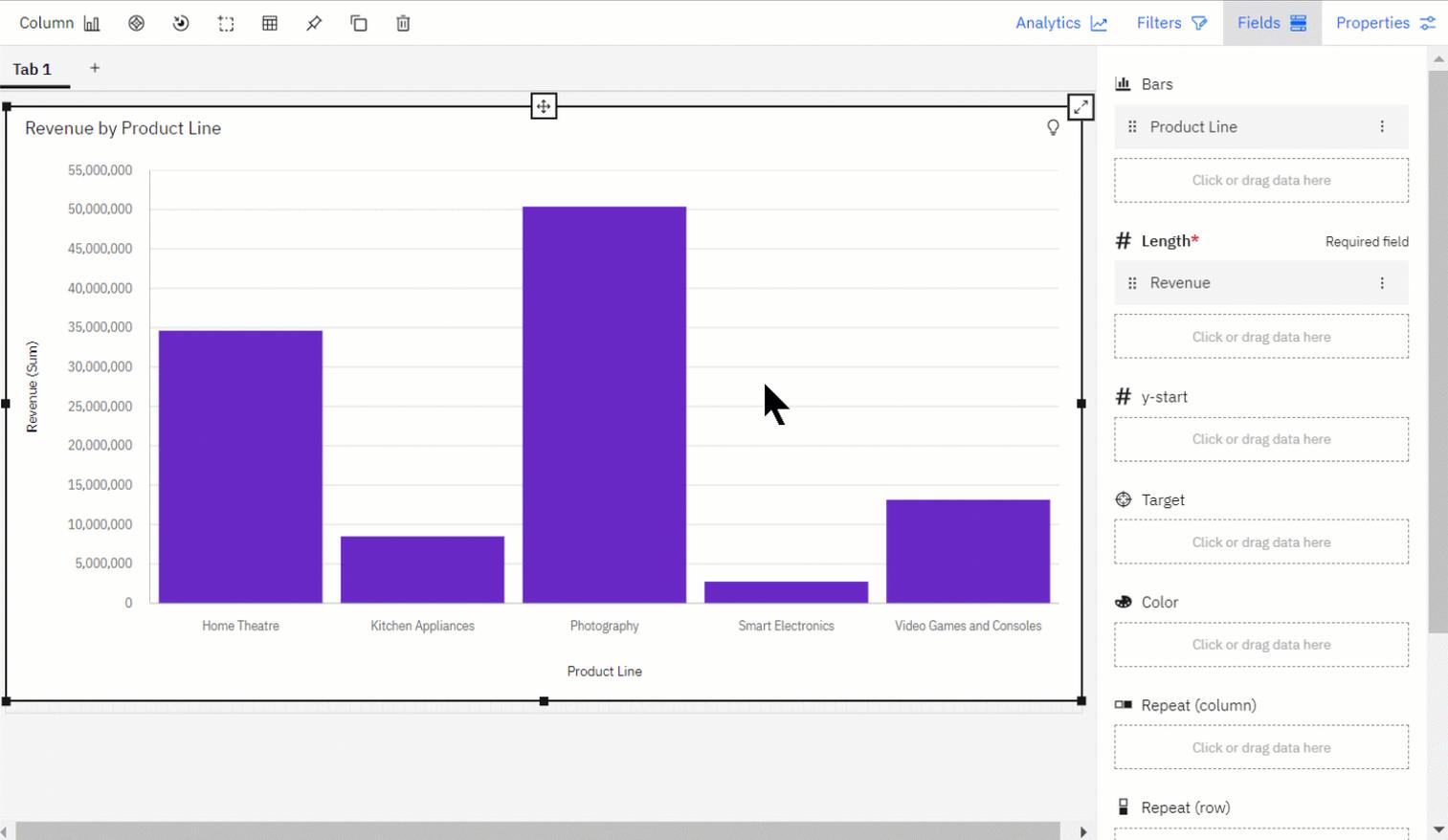


Edit

- Bullet
- Column
- Crosstab
- Data player
- Decision tree
- Driver analysis
- Drop-down list
- Filter dropdown
- Heat map
- Hierarchy bubble

# 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

Bar | Analytics | Filters | Fields | Properties

Tab 1 +

### Quantity Sold by Product Line colored by Coupon Response

Coupon Response

- Coupon 1
- Coupon 2
- Coupon 3
- Coupon 4
- Coupon 5
- Coupon 6

Product Line

Quantity Sold (Sum)

Visualization properties

Visualization General

Color

Current color palette

Carbon X Light

Change color palette

Current heat palette

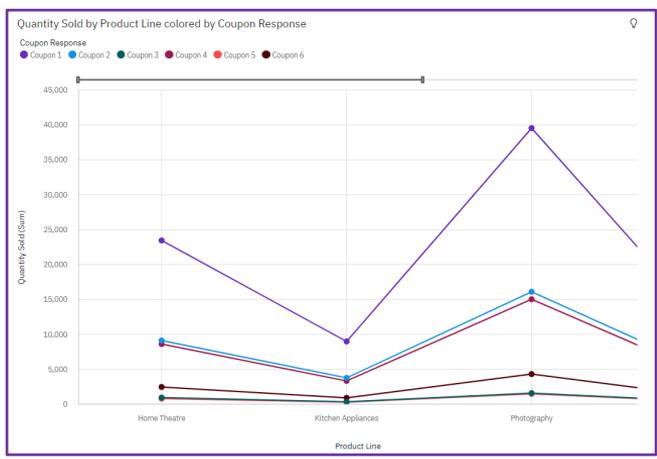
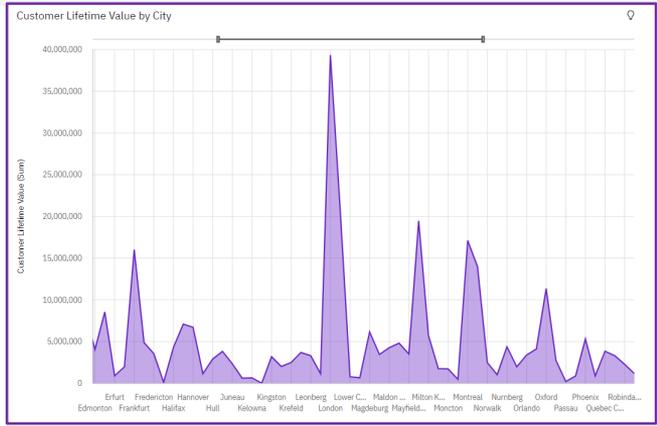
Purple

Change heat palette

Axis

Legend

Chart



# Extend package capabilities to Dashboard

New capabilities added to control Package-level permissions in dashboards:

1. CanUseDashboard
2. CanUseExplore

Rachel Su

Reporting, Legacy Studios, Accessibility

# Reporting enhancements

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



< 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

Web-based modeling

# s Analytics with

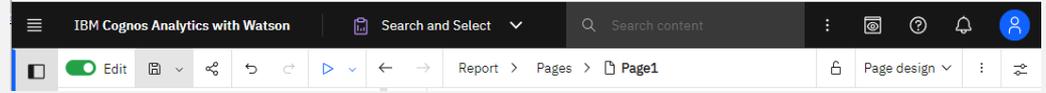
with AI-driven self-service  
data discovery and visualizations

are data

ta modules to clean  
nnect data from  
e resources.

# Two new lensing options

- More
- Properties



This screenshot displays the 'Report Administrators' configuration page in IBM Cognos Analytics with Watson. The page is divided into three main sections: Accounts, Report Administrators, and Features.

**Accounts Section:** A table lists various user groups with their creation and modification dates. The 'Report Administrators' group is highlighted.

Name	Modified
PowerPlay Administrators	7/7/2020 10:25 PM
PowerPlay Users	7/7/2020 10:25 PM
Query Users	7/7/2020 10:25 PM
Readers	7/7/2020 10:25 PM
<b>Report Administrators</b>	<b>7/13/2022 2:55 PM</b>
Server Administrators	7/7/2020 10:25 PM
System Administrators	7/13/2022 2:55 PM

**Report Administrators Section:** Shows the role profile for 'Report Administrators'. The 'Customization' tab is active, displaying settings for Home page, Features, Themes, Custom folder, Default upload location, and Parameters. The 'Advanced' section is expanded, showing the role profile description: 'For users who belong to multiple roles, the profile with the highest priority is applied.'

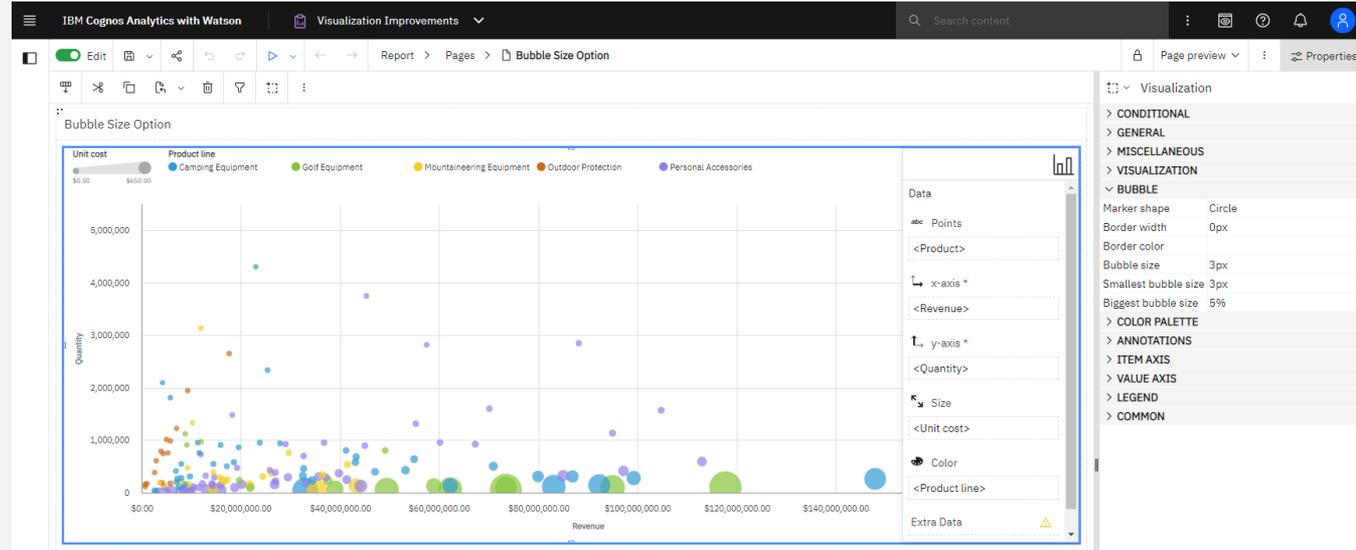
**Features Section:** A list of features with checkboxes indicating their status. The 'More' and 'Properties' options are expanded.

Feature	Status
Edit	Checked
Save	Checked
Share	Checked
Undo	Checked
Redo	Checked
Run options	Checked
View as	Checked
Run	Checked
Refresh	Checked
Show filters	Checked
More	Checked
Properties	Checked
Clear all parameters	Checked
Media	Checked

# Added bubble size support

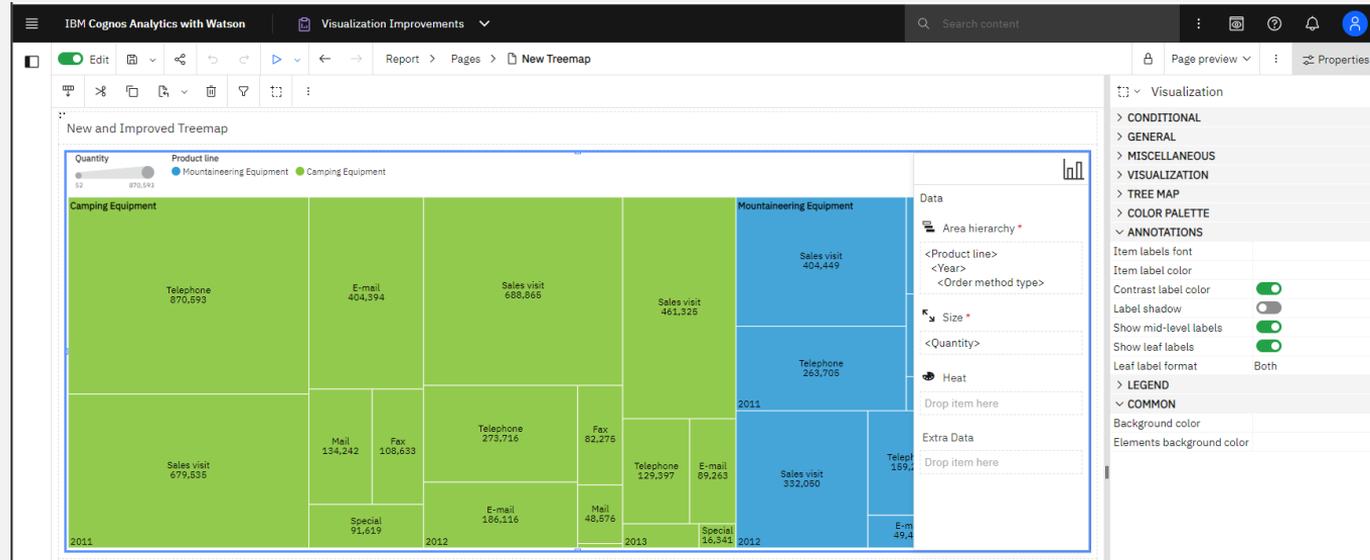
Options:

- Bubble size
- Smallest bubble size
- Biggest bubble size



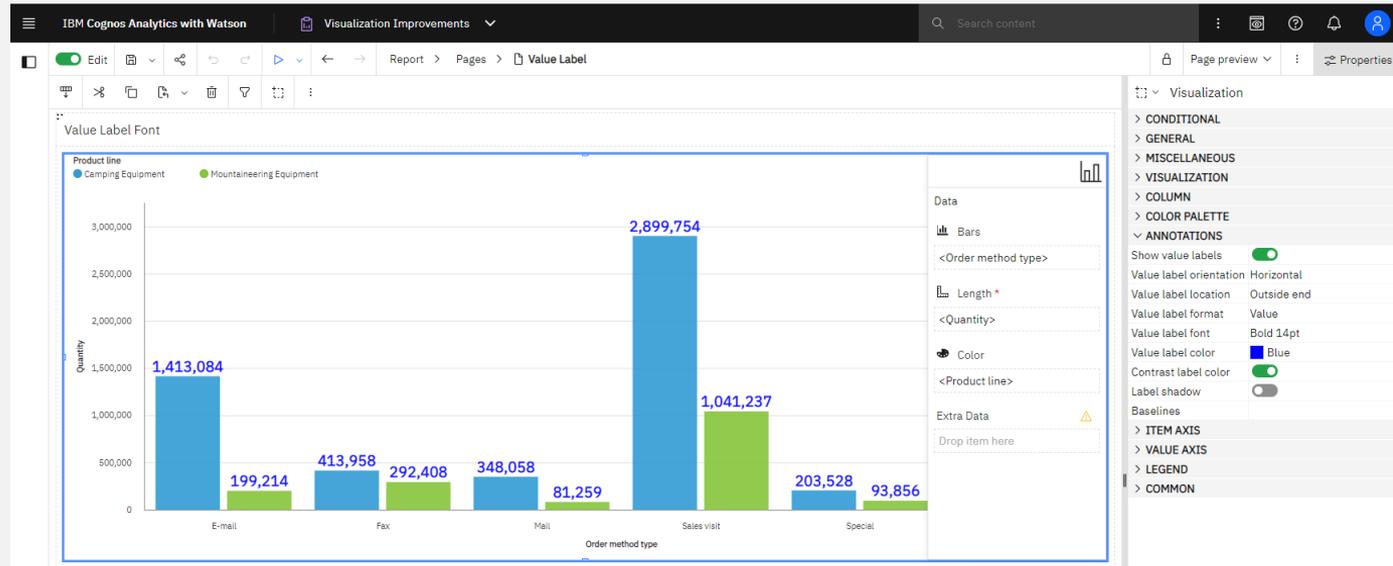
# Improved Treemap visualization

- Leaf label format
- “Show intermediate labels” and “Show leaf labels”



# Improvements to value labels

- Font
- Color



# 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

The screenshot illustrates the IBM Cognos Analytics interface during a drill-through operation. The top panel shows the 'Context Filter Source' dropdown and the 'Page1' report. The 'Insertable objects' pane on the left lists 'great\_outdoors\_sales\_en' with sub-items: Years, Products, Sales regions, and Retailers. The main report area displays a table with columns for Revenue, Product line, and Year, filtered by 'Americas'. A 'Drill through and Context filter' dialog is open, showing a table with columns for Revenue, Product line, and Year, and a 'Context filter' dropdown set to 'Americas'. Below this, a 'Related links' dialog is visible, showing 'Context Filter Drill' and 'Context Filter Drill No Region'. The bottom panel shows the 'Drill through and Context filter Target Package' dialog, which is a table with columns for Year, Sales region, and Revenue, and a row for 2010 Americas with a revenue of 192,230,456.30.

Revenue	Camping Equipment	Golf Equ
2010	104,260,166.03	48,265,
2011	122,452,557.13	49,165,
2012	149,856,604.36	68,715,
2013	104,876,453.52	51,116,

Year	Sales region	Revenue
2010	Americas	192,230,456.30

# 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']

Greg McDonald

CPD, Admin, Security, Content Manager

# Platform enhancements

# Activities

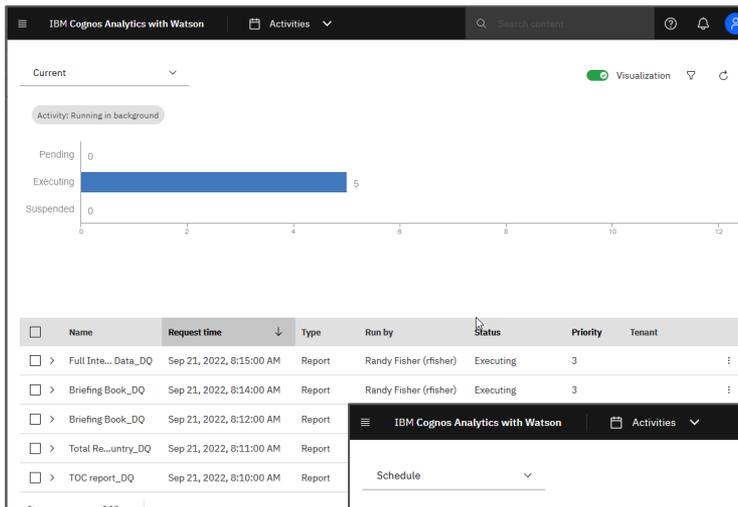
Full perspective  
Applies to Activities and My Schedules and Activities

Completely re-vamped UI  
Pagination  
Filtering front and center  
Filtering (by scope)

Context menu actions consistent with Admin console

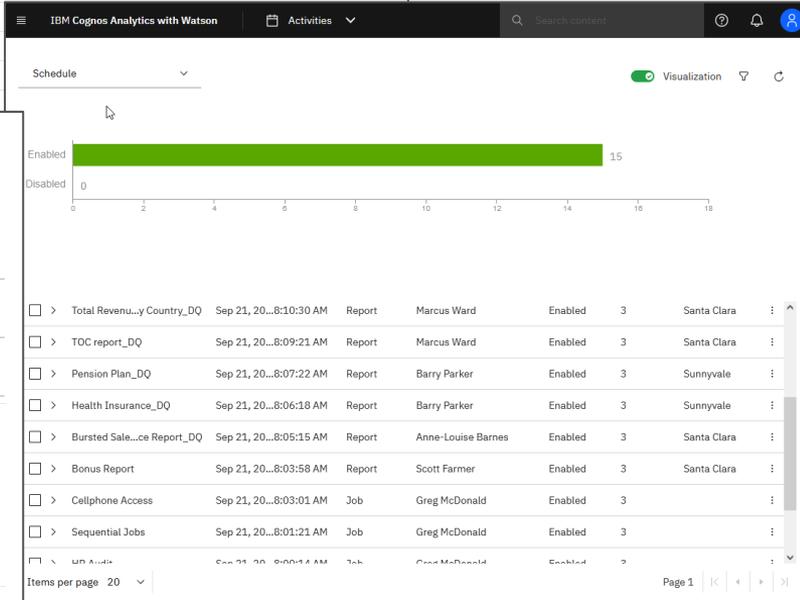
Control visualization display

Added refresh



- Run once
- Properties
- Modify this schedule
- View versions
- Disable this schedule
- Remove this schedule
- Set priority
- Use my credentials

The Filter dialog box allows users to filter activities by various criteria. It includes sections for 'Scheduled by', 'Status', 'Priority', and 'Tenant name', each with a dropdown menu. There is also a 'More filters' section for 'Owner' and 'Type'. Buttons for 'Select user', 'Clear', 'Reset', and 'Apply' are provided.

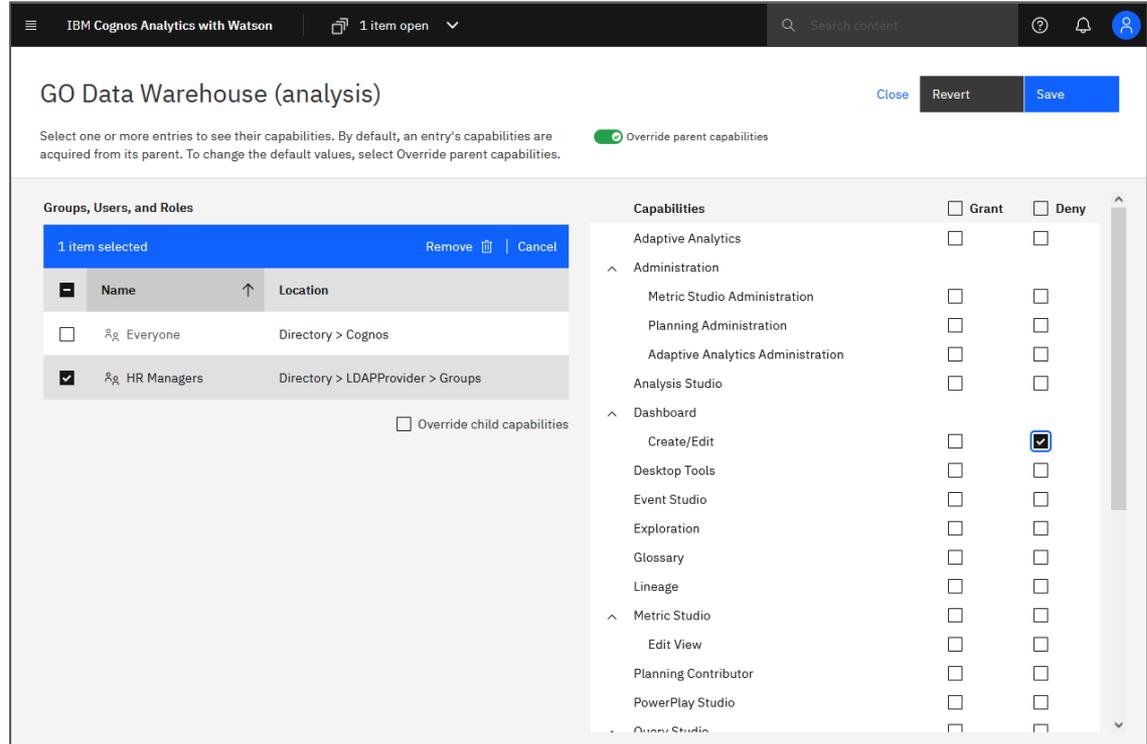


# Security - Packages

Secured Capabilities continue to be extended for a robust security model

NEW : Dashboards

Coming Soon:  
Data Modules  
Datasets



Sayeed Mahmood

IBM Cognos Cloud Hosted, IBM Cognos on-Demand

# Cognos on Cloud enhancements

Rachel Su

Reporting, Legacy Studios, Accessibility

# Conformance Update

## New conformance points added for Operating System support and Content Store support

- OS Conformance Support for SLES 15
- OS Conformance Support for Win Server 2022
- Content Store Conformance Support for Oracle 19.10

# Deprecation Notice

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

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Click here: <https://ibm.biz/BdP2TS>



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