BH Telekom
IBM Cognos Analytics with Watson

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Agenda:

- Nove verzije i LTSR verzije
- Novosti u prethodnih nekoliko verzija

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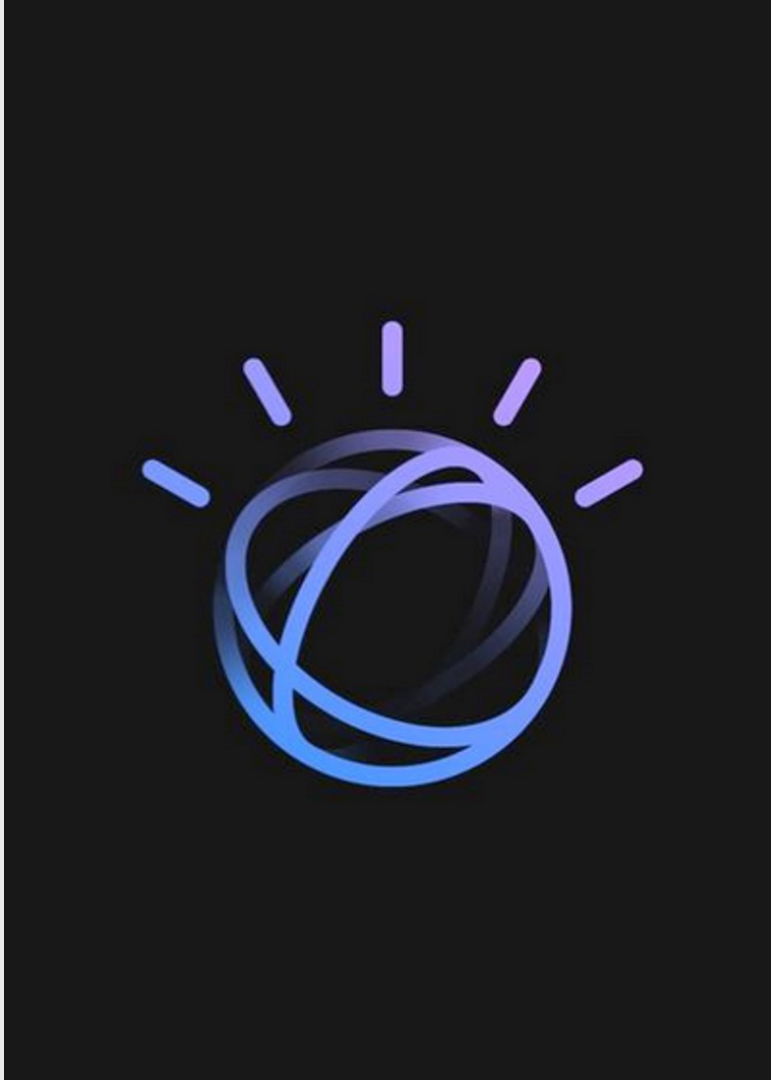
IBM **Cognos Analytics with Watson**

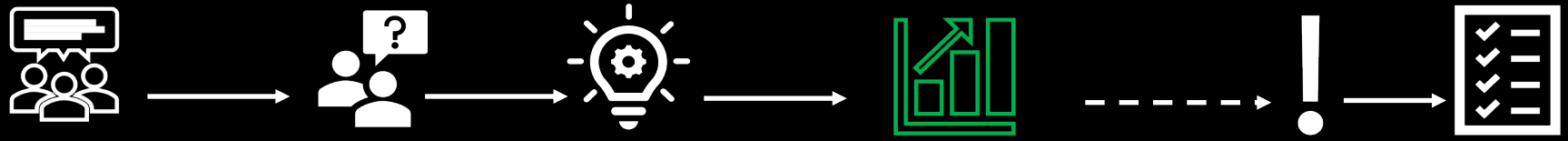
With the release 11.2.1 end September 2021 we are adding the “With Watson” to the product name.

Watson family
Watson Studio, Watson Machine Learning, Watson Knowledge Catalog, Watson Assistant, Cloud Pak for Data, and other integrations and AI capabilities, including Watson Moments.

how AI will make the traditional BI tasks easier



Analytics the way you think?



Collect & Organize

100's of questions every day

10's of insightful discoveries

Actionable Insights

10's of decisions influenced

100's of measured outcomes

Automated Data Preparation

Natural language search
Understand the meaning and intent of your search terms

Auto-modeling
Start faster with suggested ways to blend & join data

In-tool data preparation
saves time, effort & enhances accuracy

Data Exploration

AI Assistant
Ask questions and get answers, naturally

Advanced pattern detection
Unearth hidden insights

Predictive capabilities
Highlight relationship strengths & key drivers

AI-detected
Makes sense of it faster with related insights

Times Series Forecasting

Dashboards

Automated visualizations
System recommends optimum way to visualize

Natural language generation
Ask question in everyday language

Storytelling
Interactive narratives

Mobile

Collaborate through Slack/Teams
Push annotated visuals & links to where people are

Managed Reporting

Guided layouts
Simplify creating pixel perfect content

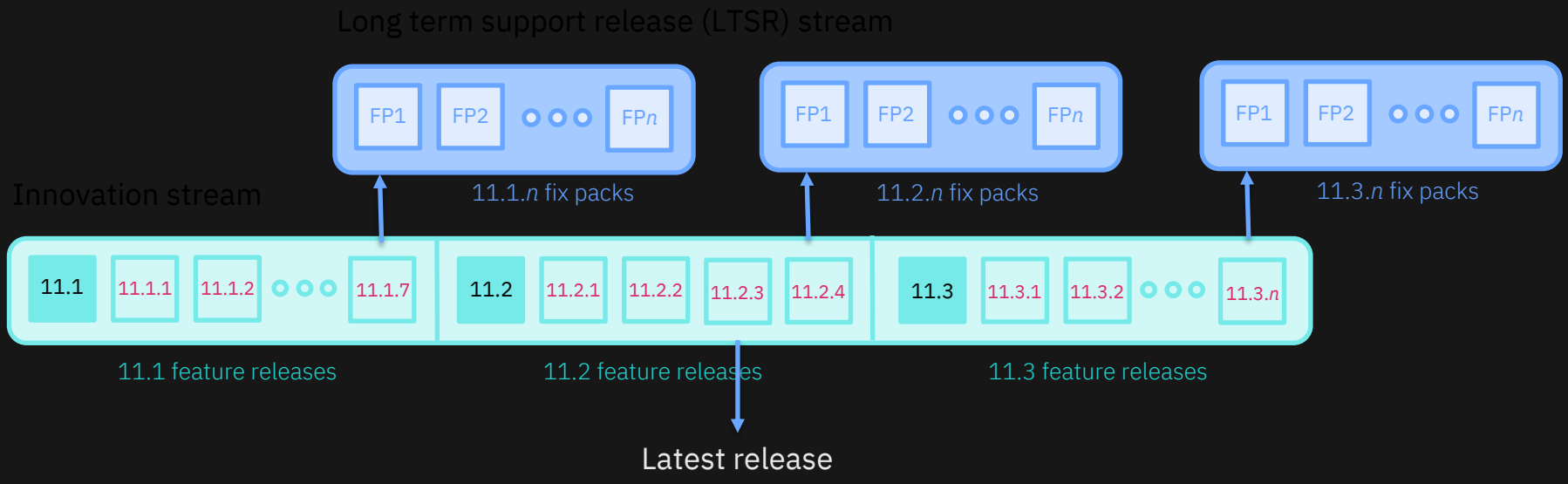
Reuse existing components & styles
Quickly assemble new content

Going Beyond BI

Features in Cognos Analytics
Jupyter Notebooks & Python integrations
Open Source Visualizations

Integrate with other IBM Technology
IBM Planning Analytics
IBM Decision Optimization
Watson Studio & Watson M/L
Watson Applications

Pick up the newest features with the latest innovation stream release, or just get bug fixes on the LTSR releases

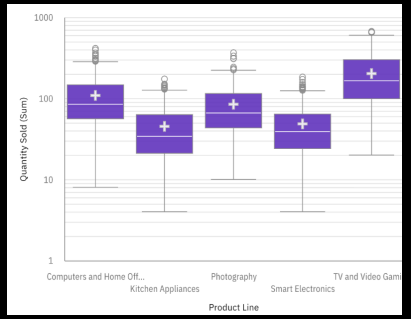


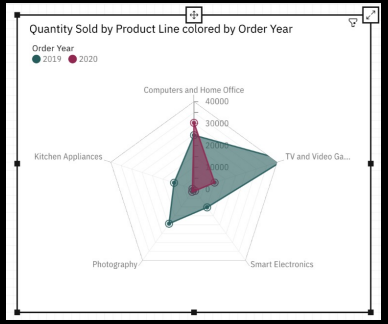
Highlights

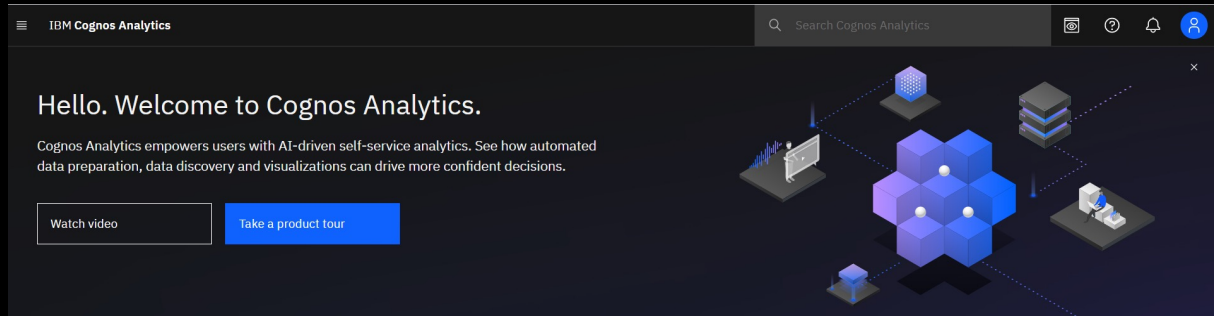
- UX Revamp
- AI Assistant and Forecasting support for OLAP cubes
- New dashboard visualizations: **Boxplot** and **Radar**
- More homepage customization options
- Improved Watson Studio integration
- Introducing Watson Moments
- S3 for TLS certificates
- Faster loading of dashboards

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.

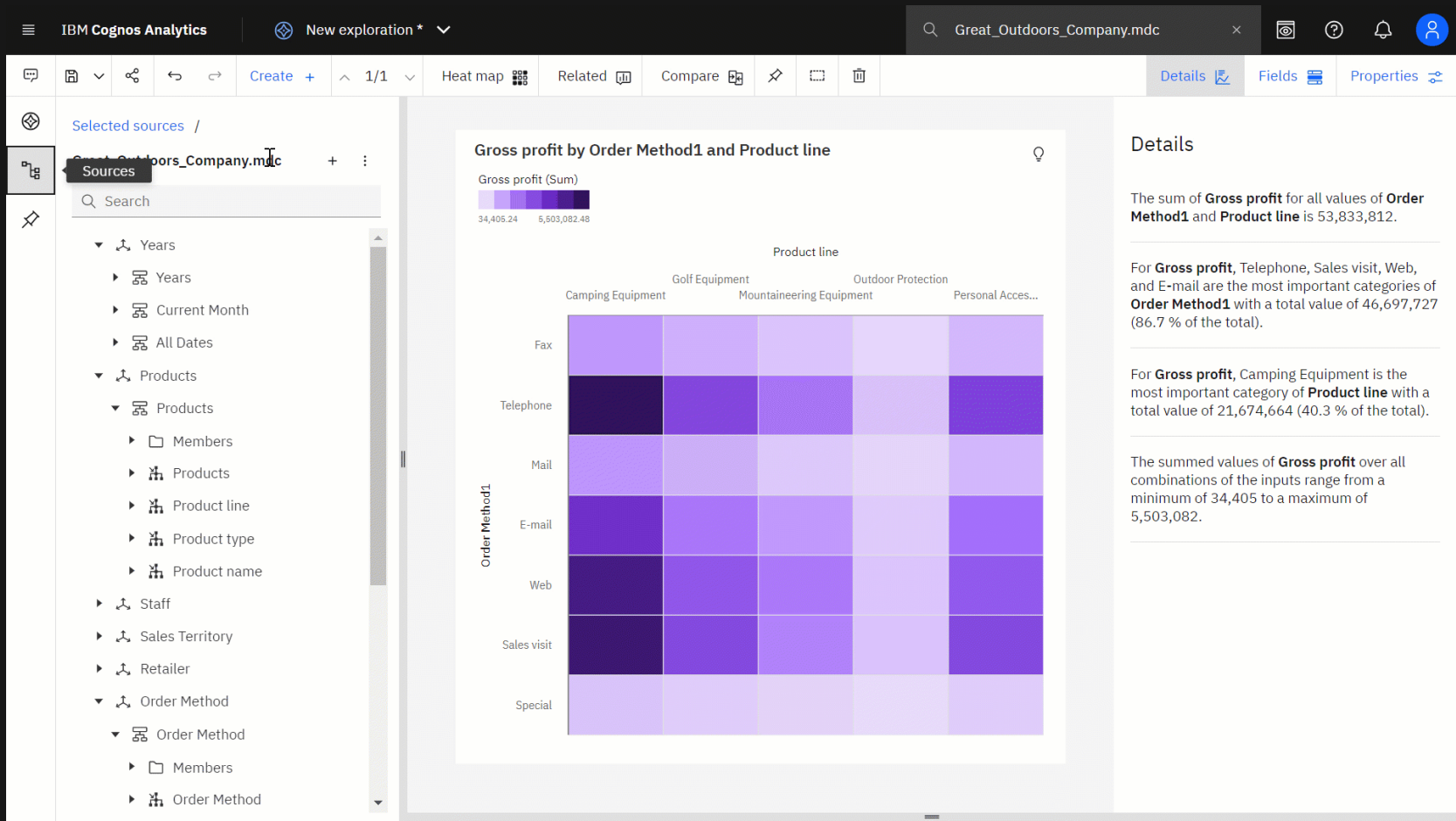






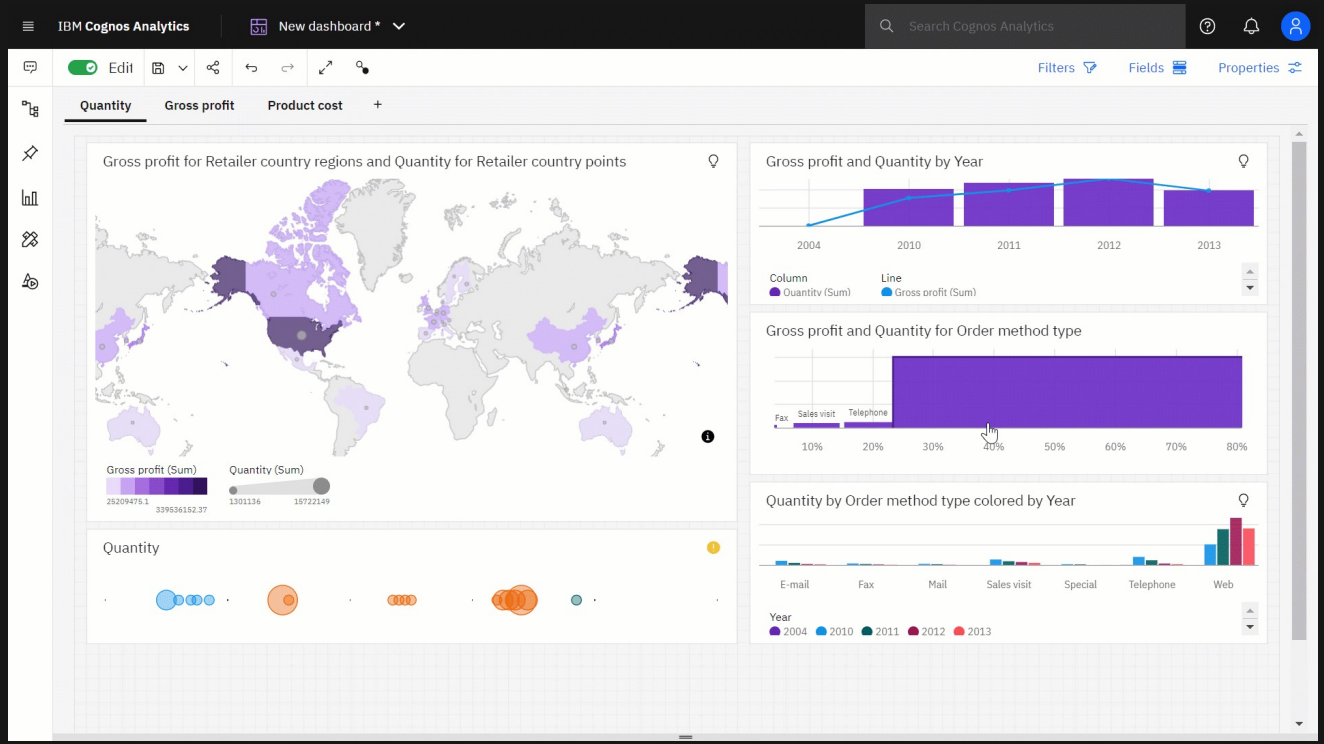
Smarts for OLAP sources, Watson Moments, Watson Studio Integration

AI Assistant and Forecasting support for OLAP cubes



Introducing - Watson Moments

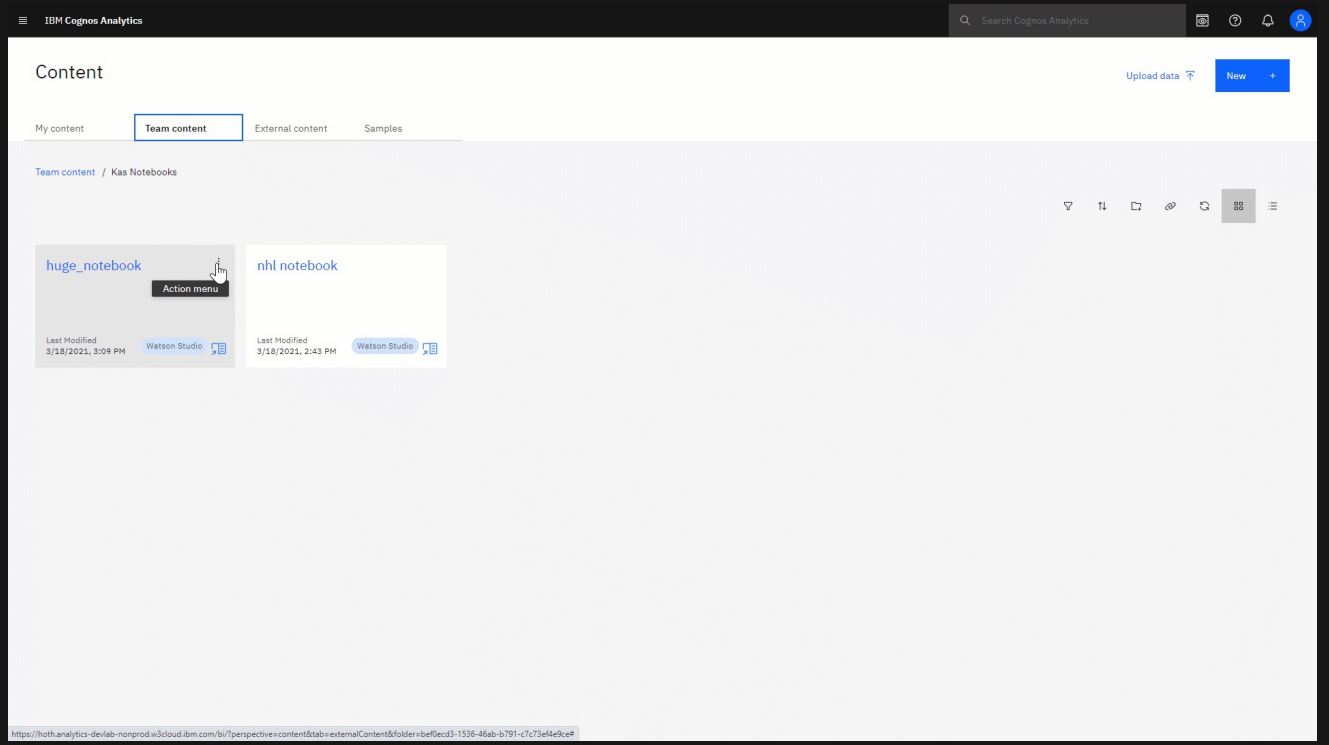
Watson Moments are exceptional AI implementations highlighted with Watson branding to emphasize how AI automation helps users make smarter business decisions faster



Expect more Watson Moments to emerge throughout the Cognos Analytics 11.2.x series!

Improved Watson Studio integration

Import and view Watson Studio notebooks in Cognos Analytics and embed notebook output cells directly in reports and dashboards with the appropriate governance and security



*Supported with Cognos Cloud dedicated and Cloud Pak for Data

Mobile

Analytics Mobile App

Initial release – Summer 2020

- iOS and Cognos SaaS only

Android Support

- Released last month

11.1.7 FP2+ on prem support

- Released last month via Fix Central

Built into 11.2.0 server

Great Outdoors

Search Cognos Analytics

The Great Outdoors Company

Welcome to The Great Outdoors analytics portal

Everything you need to analyze Great Outdoors performance is here. You will find reports and dashboards and much more!

Watch video

Quick launch

HR Portal

Need HR data? Go to our seperate HR portal for that.

Prepare data

Use data modules to clean and connect data from multiple resources.

Today's News | Get started | Recent | Sales Map | Latest sales reports

Here's what's new

Big win for the east coast sales team

Complete your training courses by May 1

Server upgrades happening this weekend

Great Outdoors

Search Cognos Analytics

Quick launch

HR Portal

Need HR data? Go to our seperate HR portal for that.

Prepare data

Use data modules to clean and connect data from multiple resources.

Exploration

Quickly find unbiased answers by identifying trends in your data with data exploration.

Present data

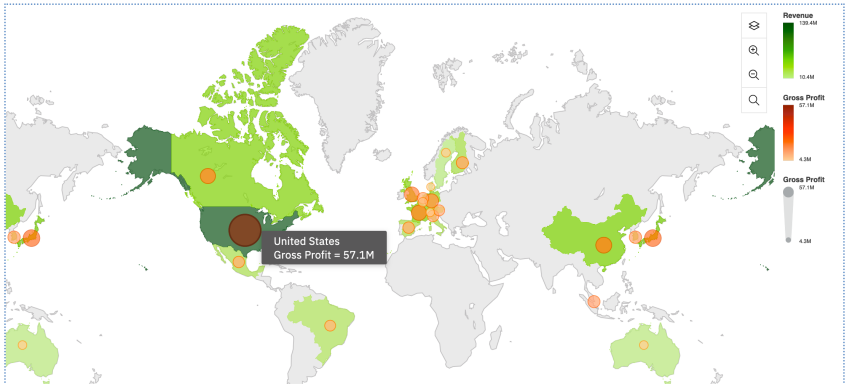
Create sophisticated, multi-page, multi-query dashboards, reports, or stories.

Today's News | Get started | Recent | Sales Map | Latest sales reports

GO Sales Map

Retailer Type: All

Quarter: Q1



Dashboard performance, New dashboard viz, baseline in reporting, IE deprecation, PDF drill through

Faster loading of dashboards

Examples of efficiencies gained:

- Metadata performance improvements
- Glass initial load time optimization
- Reduced JavaScript footprint
- Reducing CSS duplication
- Deferred feature loading
- Optimized queries
- Time to first query

Faster loading of dashboards

Cognos 11.1.7:

Cognos 11.2:

Conformance update

Microsoft Internet Explorer 11 deprecation

- No IE11 support in 11.2.x
- No conformance update for Query Studio and Analysis Studio
- PDF drill-through support in Chrome and Firefox*
- Active Report viewer*

What’s New in IBM Cognos Analytics 11.2.1

September 2021

IBM Watson / © 2021 IBM Corporation

Reporting Enhancements

Performance improvement for tabbed reports

Consumers can easily copy values from an HTML report output

Windows app for consuming Active Reports

Visualization improvements

3D mapping and HexBin grouping

Search&Select prompt for data module

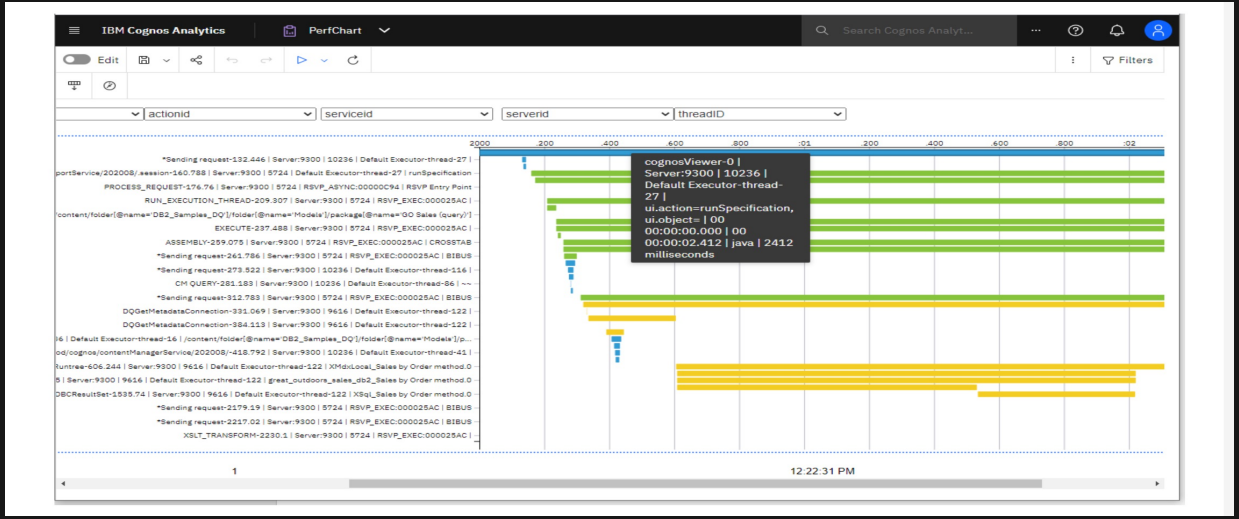
Batch report performance details

Report performance details

Report performance details can be enabled when running reports in background in all supported formats.

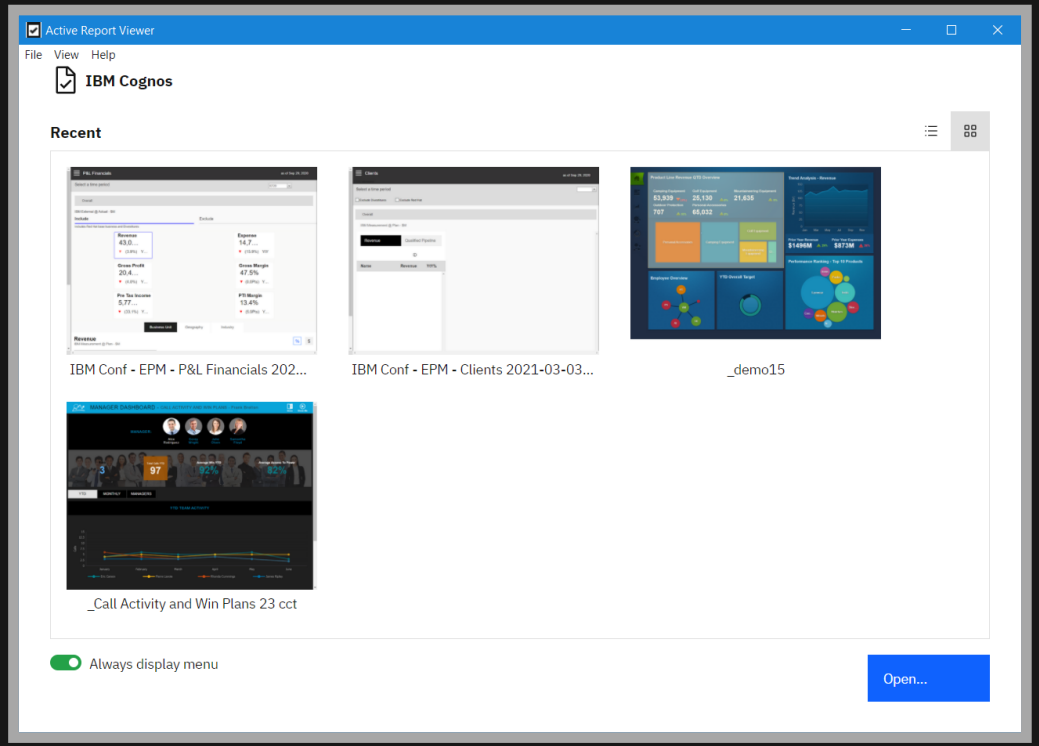
Using IPPA in IBM Cognos Analytics 11.2

Note: The most important item is you need to define DISP.zipi.IPAEnabled=true in the classic admin advanced settings.



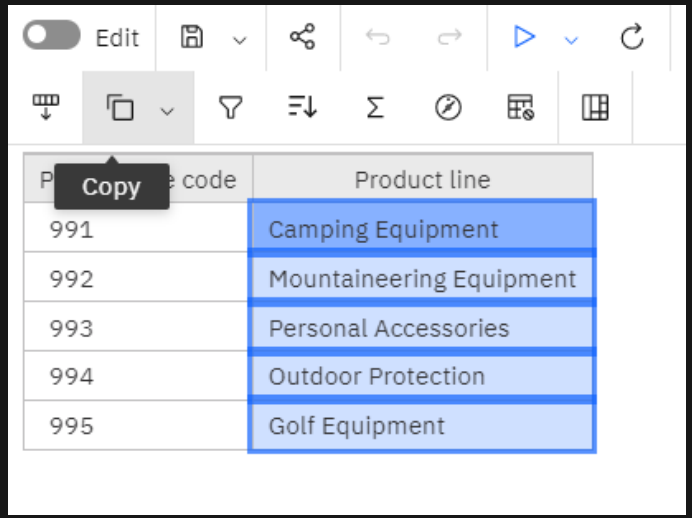
Active Report Viewer

Windows desktop app that allows users to continue rendering and interact with Active Reports offline.



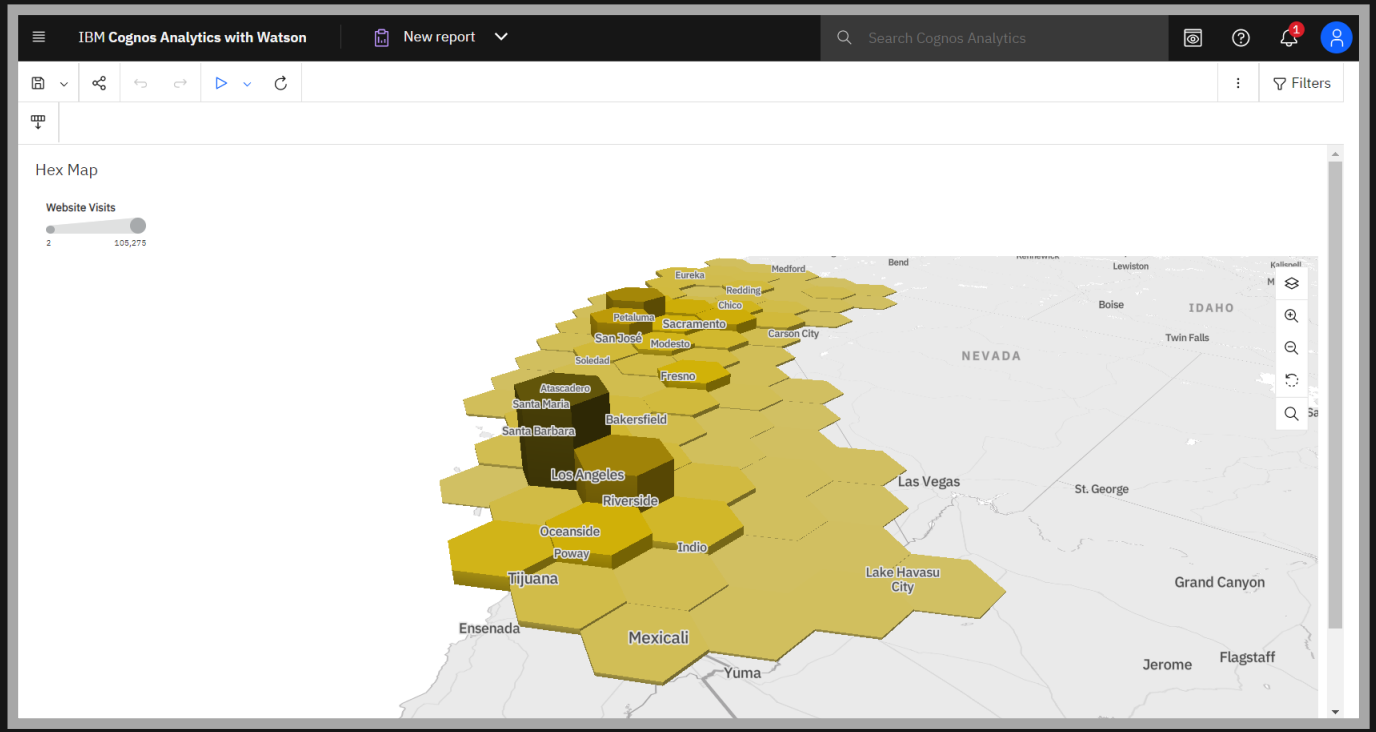
Other enhancements

Copy values on HTML report outputs



Mapping

Hex bin grouping for point location and Latitude and Longitude location provide information to better visualize high density data sets



Data access

Adding Dremio as a supported data source so you can run accelerated data lake queries on NoSQL & Hadoop sources, local and distributed filesystems, and databases like:

- Azure Data Lake Store
- Amazon S3
- Amazon Glue
- Google Cloud Storage
- HDFS
- NAS
- MapR-FS
- Local filesystems
- Elasticsearch
- Amazon Elasticsearch Service
- Hive
- HBase
- MongoDB
- Postgres
- MySQL
- Oracle
- Microsoft SQL Server
- IBM DB2 (Not Supported)
- Amazon Redshift
- Teradata (Beta)

*Not yet available on Cognos Analytics on Cloud On Demand

Data access

Adding IBM Cloud SQL Query

(IBM Cloud Data Engine)
as a supported data source so you can query files located in IBM Cloud Object Storage locations.

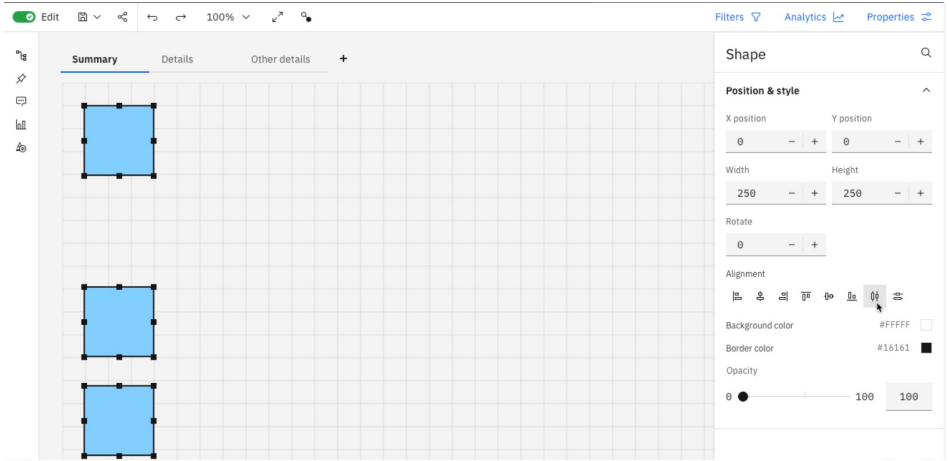
Cognos Analytics with Watson 11.2.2 Dashboarding enhancements

General Usability:
Widget property for rounded edges
Opacity property only affects background not text
Text styling and font sizes for axis values
Change font settings for multiple text items
Text widget support for inner margins, vertical alignment, indentations, line height

Selection and Alignment:
Multi-select and align contents (vertical, horizontal)
Widget property to remove selector border

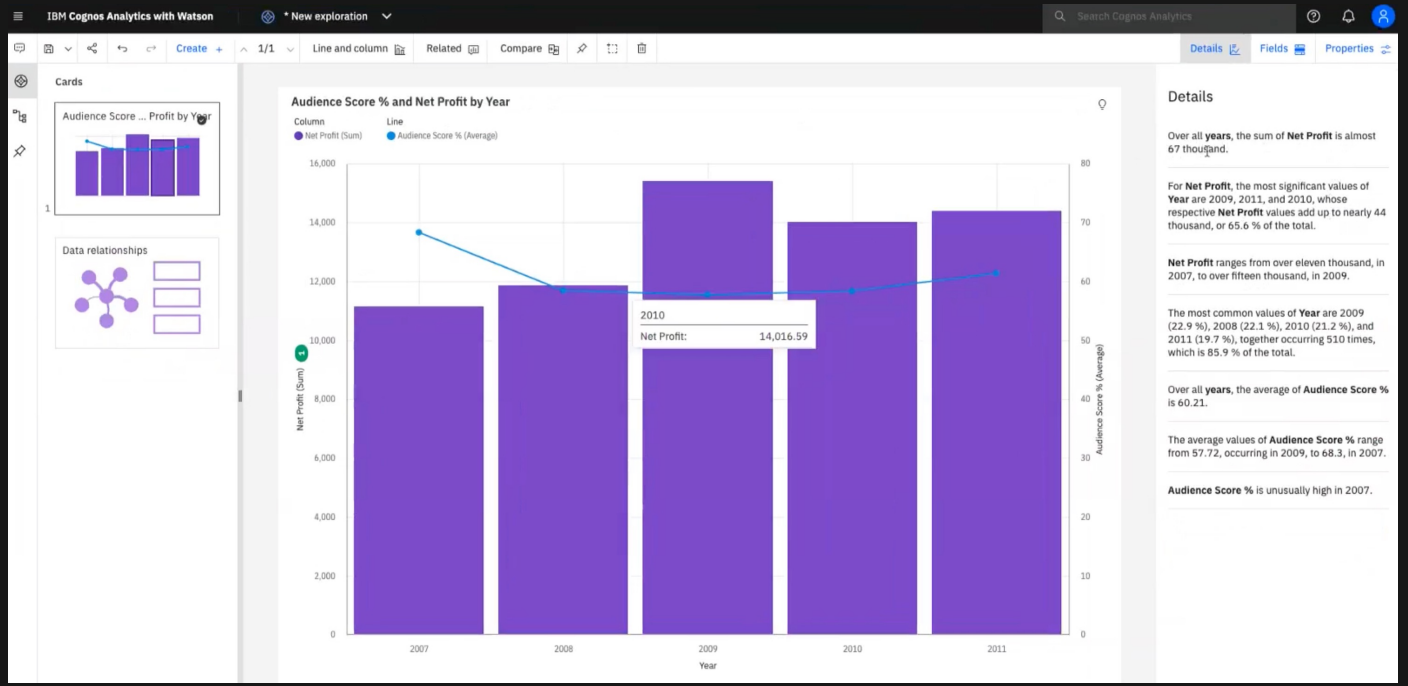
Colors:
Color pallete Options to all applicable components
Widget color picked up by color wheel
Background color adjustable for each tab

Pin:
Thumbnail for pinned image widgets (url)
Ability to rename pins



AI Improvements - NLG REPHRASER

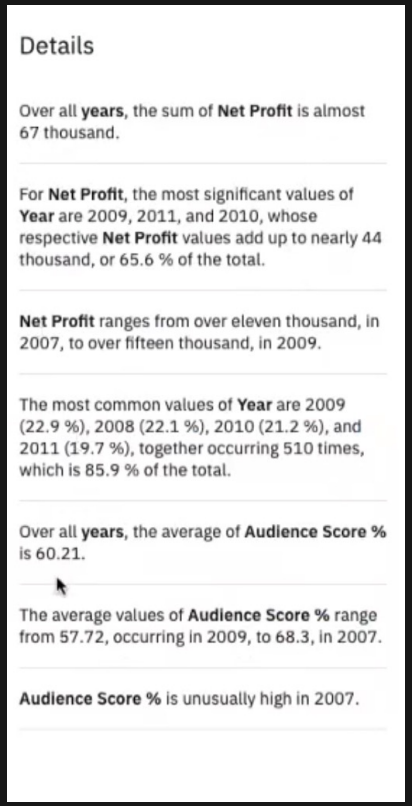
The Natural Language insights provided in visualizations that are created in exploration feature were enhanced, delivering text summaries from the data analysis even more friendly and easily understandable by business users.



AI Improvements - NLG REPHRASER

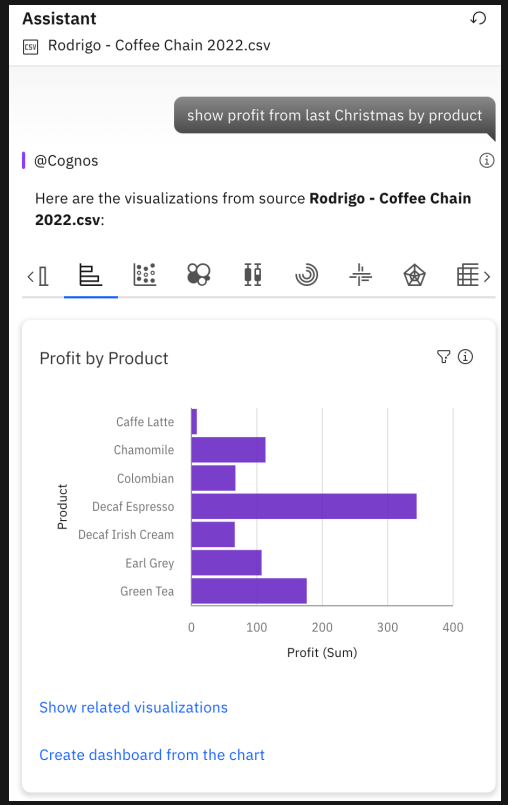
CA - 11.2.1

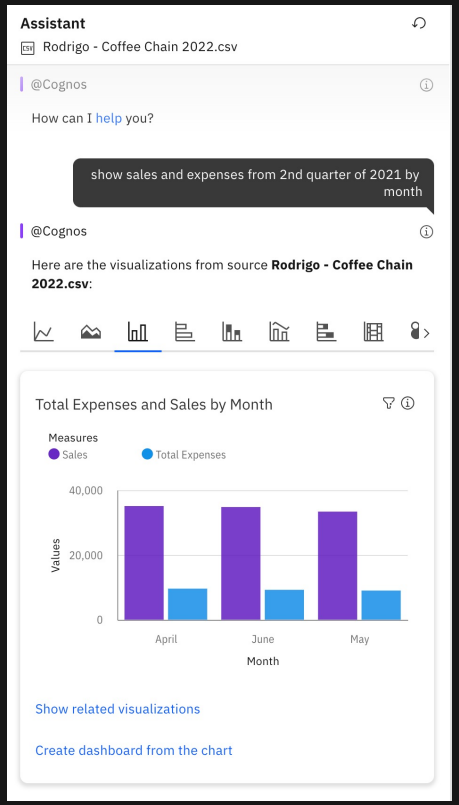
CA - 11.2.2



AI Improvements - Assistant

CA assistant has been improved and now understands temporal expressions. Users can ask questions including time entities such as "This Week" , "After August" or even use commemorative dates like “last Christmas”



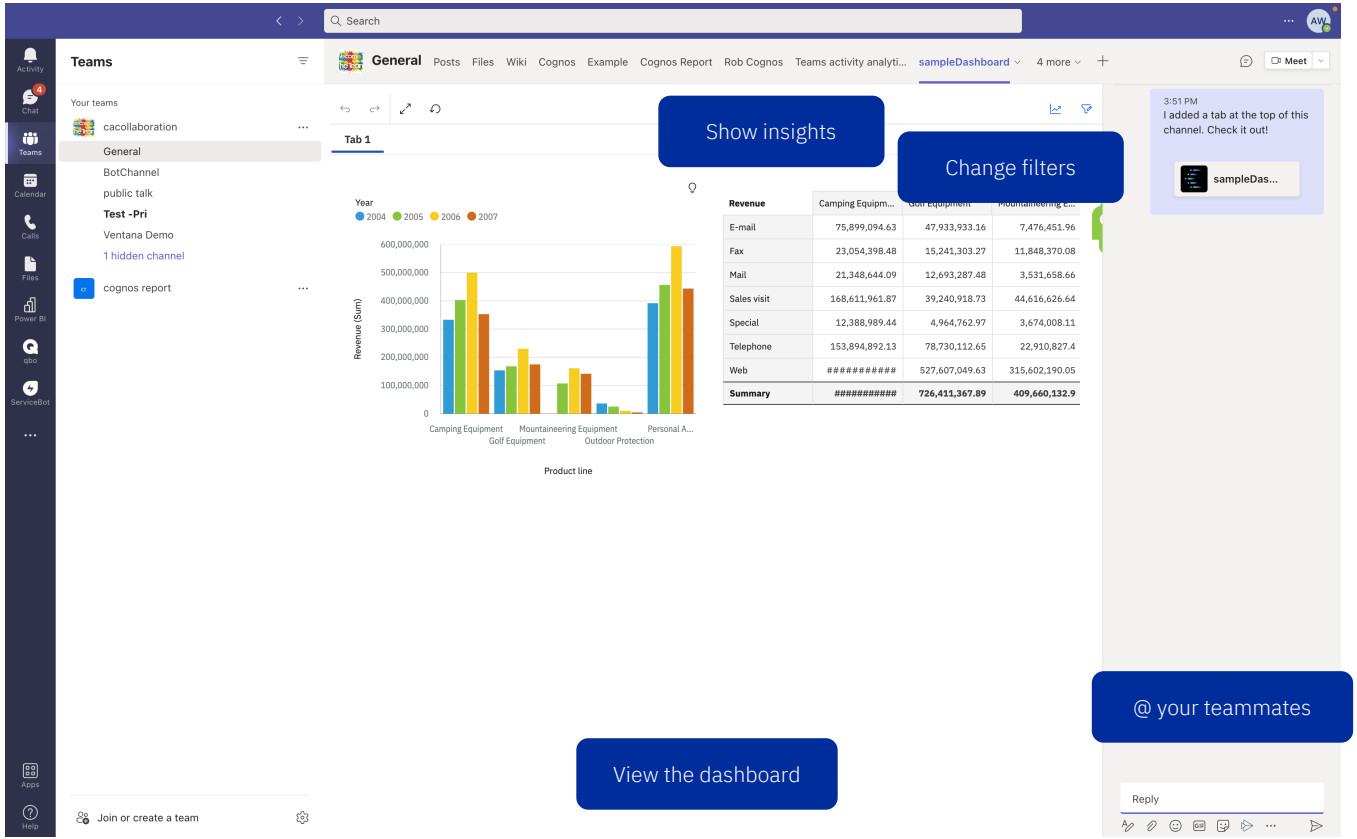


Links

- Techzone :
- https://techzone.ibm.com
- provision CA/PA
- https://techzone.ibm.com/collection/ibm-planning-analytics-and-cognos-analytics-demo-server

- Accelerator catalog
- https://community.ibm.com/accelerators/

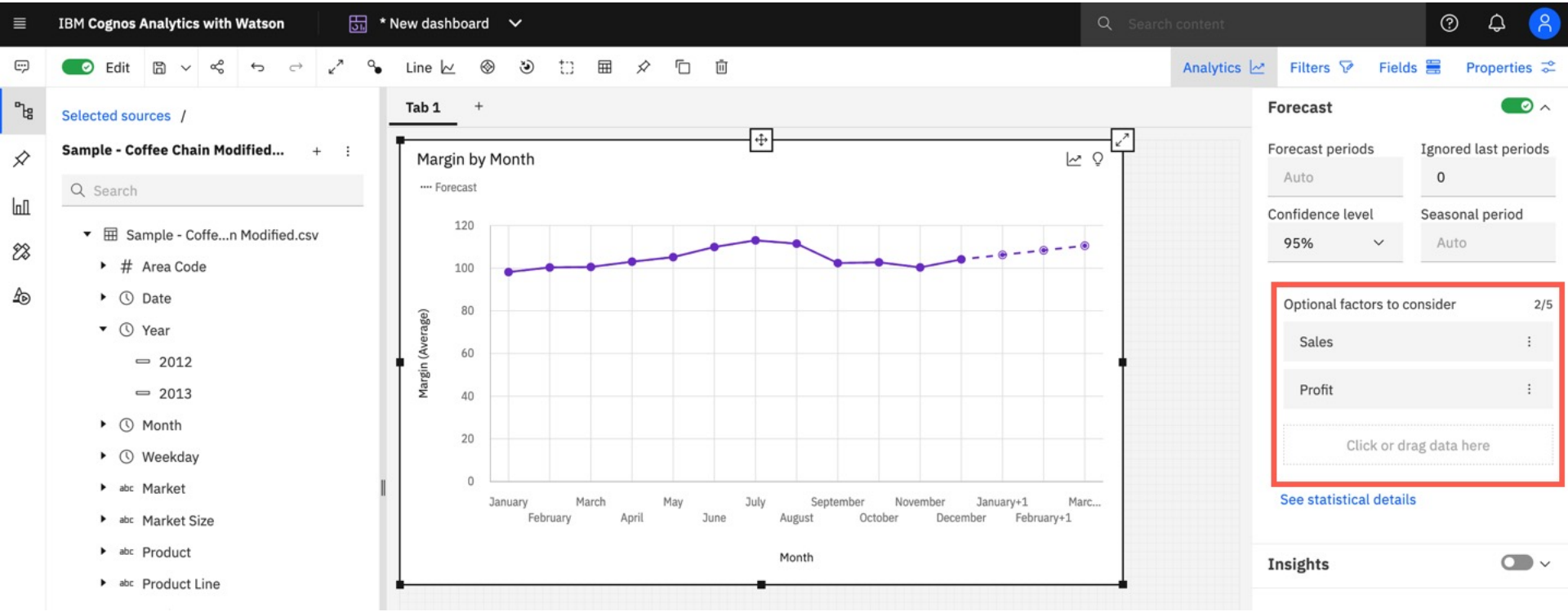
Microsoft Teams Integration



- Send content from Cognos Analytics to Teams recipients
- Collaborate on Cognos dashboards in shared Teams spaces

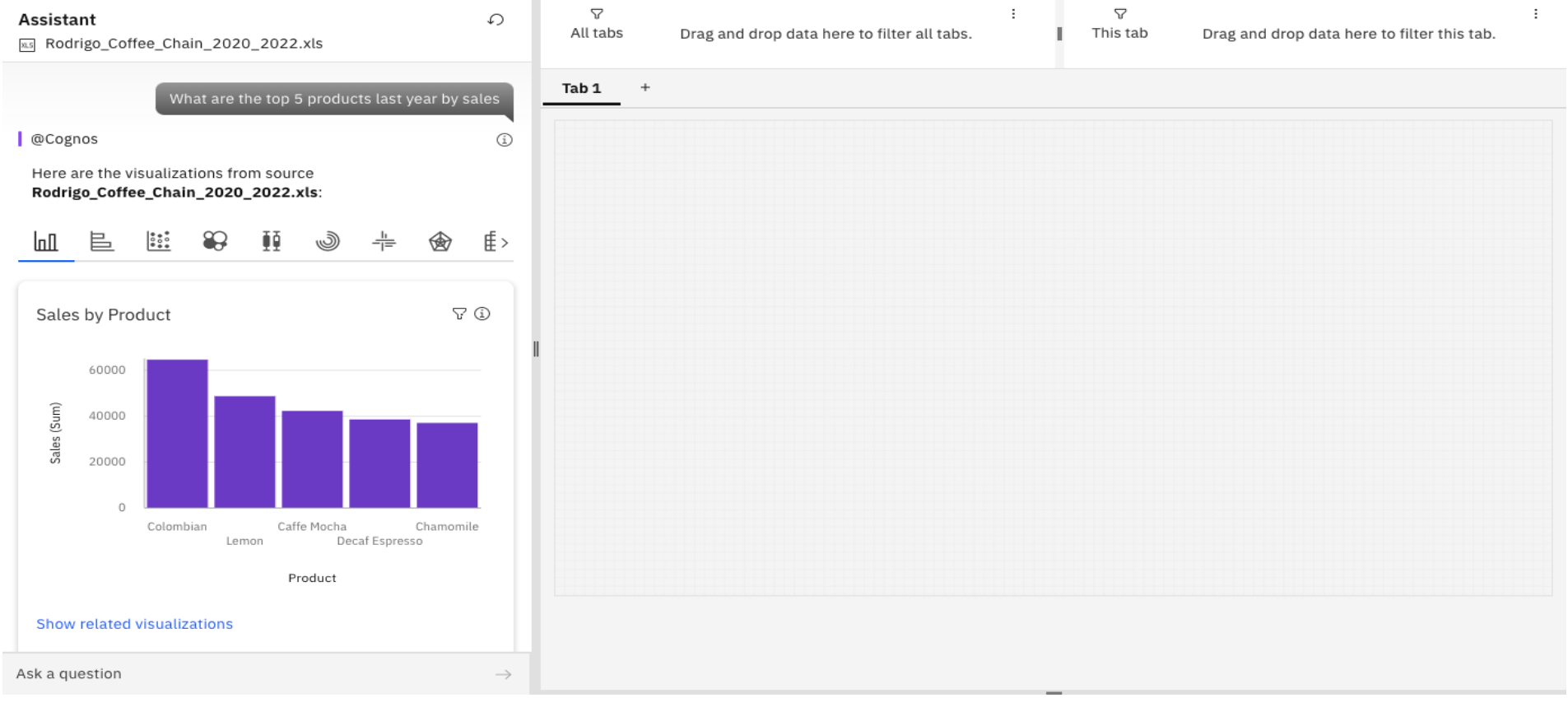
Your co-pilot for business

Multivariate Forecasting



Your co-pilot for business

Cognos Analytics Assistant Enhancements



Questions?

Answers