IBM Cognos Analytics 11.2.

- Why IBM Cognos Analytics?

You can unearth, explore and share insights to drive better business decisions.

- Integrate offline data sets with corporate data sets in minutes to enhance specific analytical needs within your department
- Leverage the intuitive interface to build dashboards, visualizations, and data models
- Use the AI assistant to ask questions about your data and receive easy-to-understand responses in natural language
- Use one interface for visual data exploration, self-service, and operational reporting.
- Single, enterprise-wide business representation of corporate data allows end-users to access data autonomously using common business terms.
- Cost-effective cloud or on-premise deployments with access on any device through a web browser

Some of the new features of the new version are :

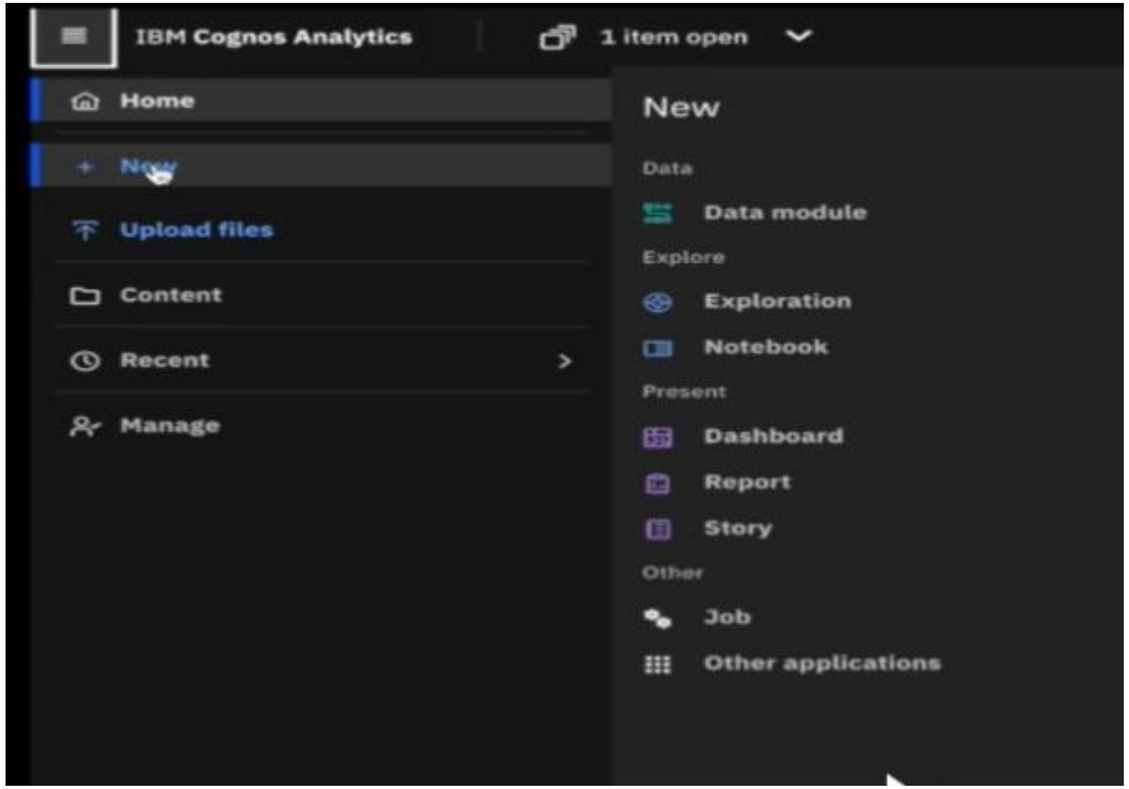
- **Portal Design**: The biggest change with the new release is the massive redesign of the user portal. Carbon X was teased out in 11.1.7 but now takes over in 11.2.
- **Tabbed view**: We can even add additional tabs using portal tabs. And now there's a New button at the top right corner, similar to the Launch button we used to have.
- **Get started Tab**: This tab is the place to access sample reports and additional resources. Here you can also connect to the Accelerator Catalog.
- **Redesigned welcome page**: More experienced users can disable this feature if needed. The tile in the Quick launch section provides access to upload, prepare, explore and present data.
- Other notable changes include significant enhancement to dashboard performance and new visualizations.
- The UI redesign is the most obvious and biggest difference.
- Built-in AI Assistance and OLAP cubes.

AGENDA

- Dashboards
- Visualizations
- Built-in AI Assistance
- Portal Design

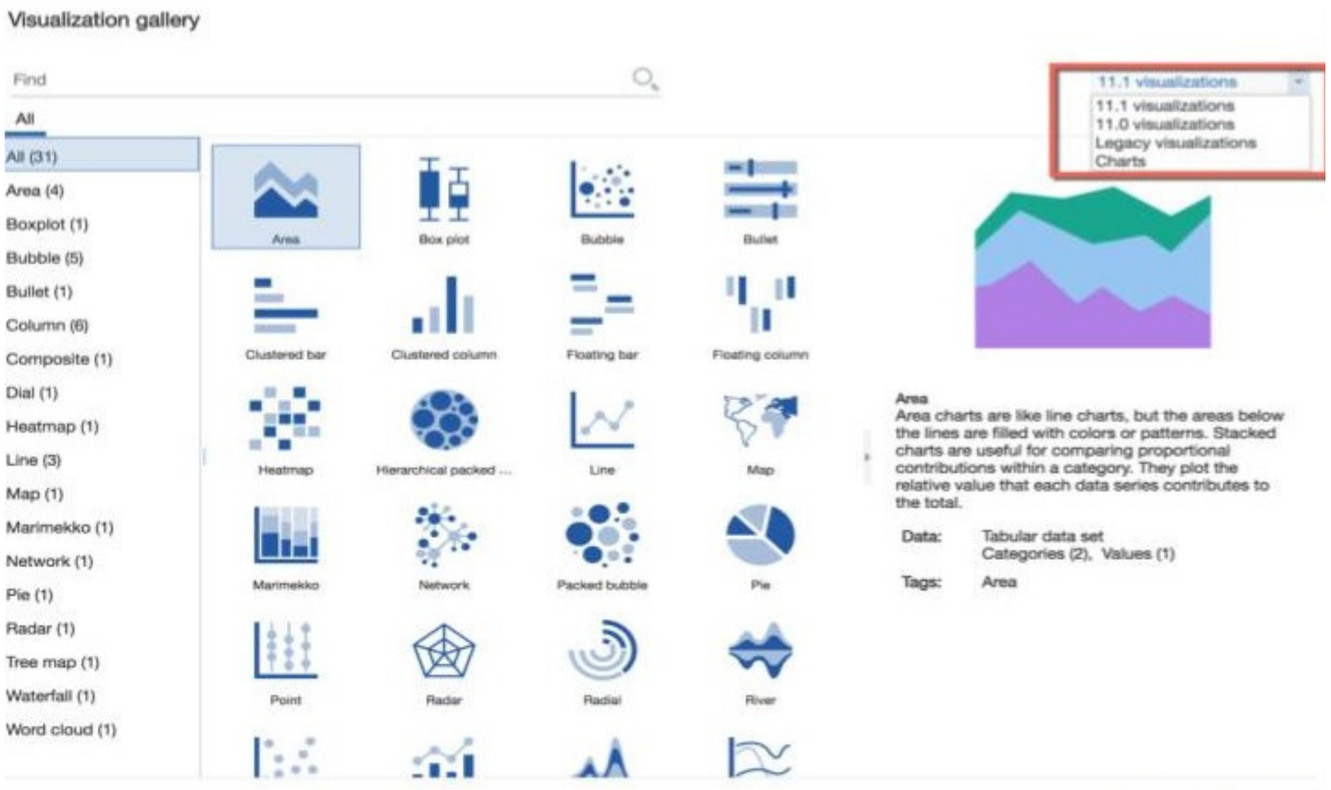
Prepare your data :

- Easily and quickly load data files and combine sources to prepare your data with IBM Cognos Analytics.
- It is powerfully enhanced with Artificial Intelligence and Natural Language dialogue capabilities so business users can uncover details about their data and understand what is happening in everyday language.



Analyse your data

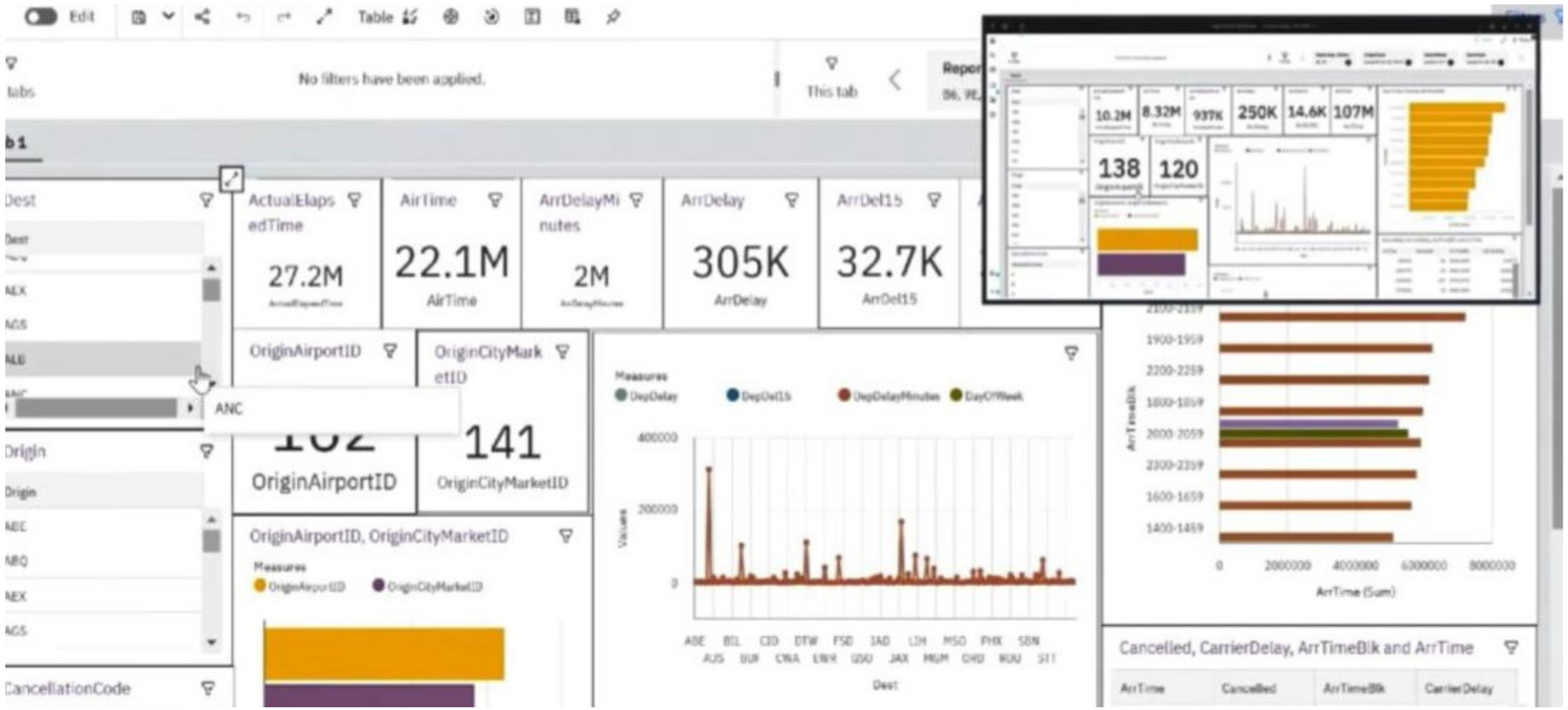
You can also perform what-if analysis on your data and understand the impact of decisions. Based on the data and your past behavior, the system will recommend the best visualizations such as charts and graphs for easy analysis.



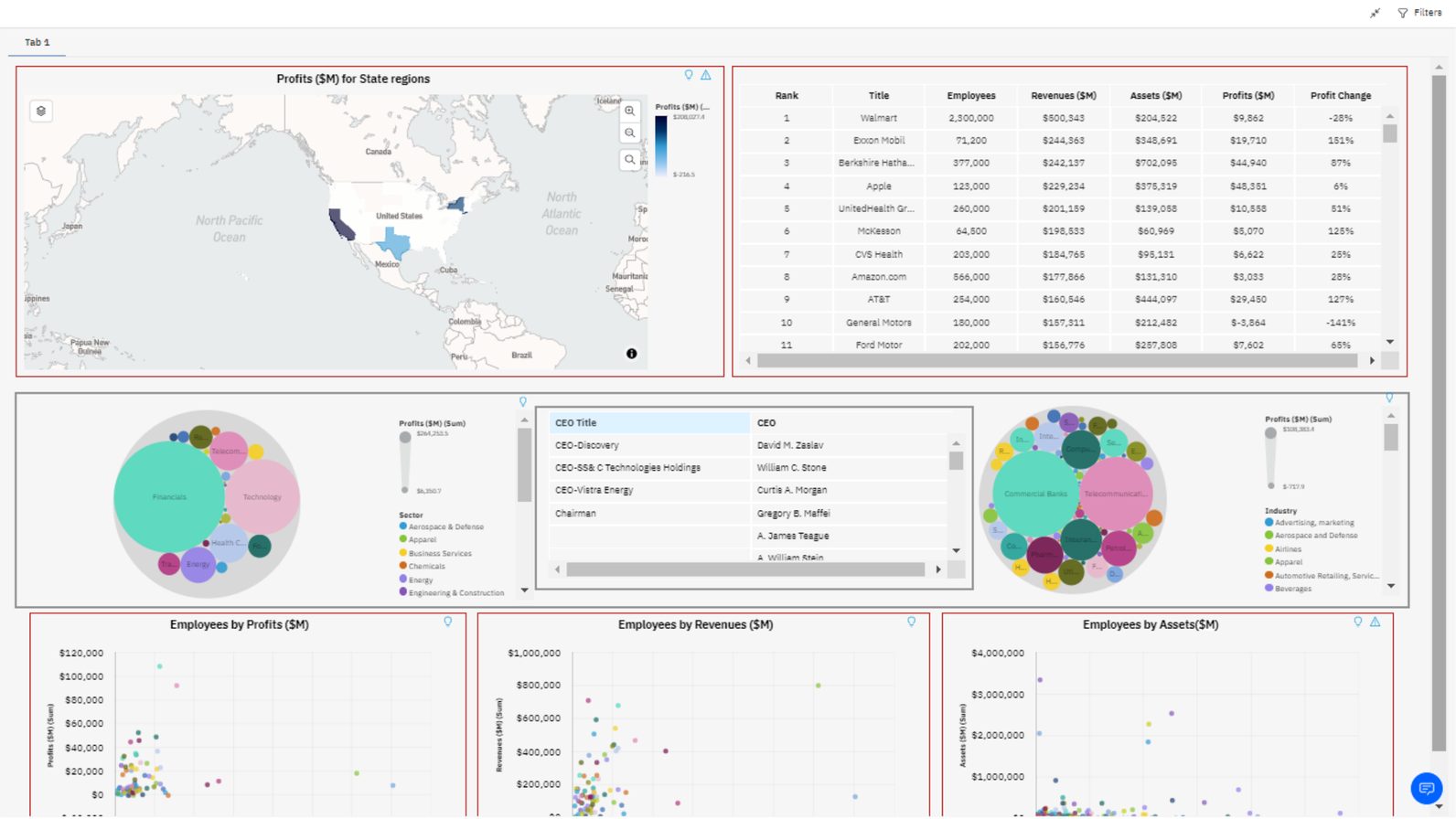
Dashboards Enhancements

- Dashboard performance gets a huge boost. Another significant improvement is radically enhanced dashboard performance. Sample benchmarks are showing performance enhancements up to 800% faster. A dashboard that took 50-60 seconds to fully load in 11.1 can now be loaded in less than 10 seconds.
- Faster loading of Dashboards
- Meta data performance improves
- Deferred feature loading
- Optimized queries
- Time to first query

Faster loading of Dashboards

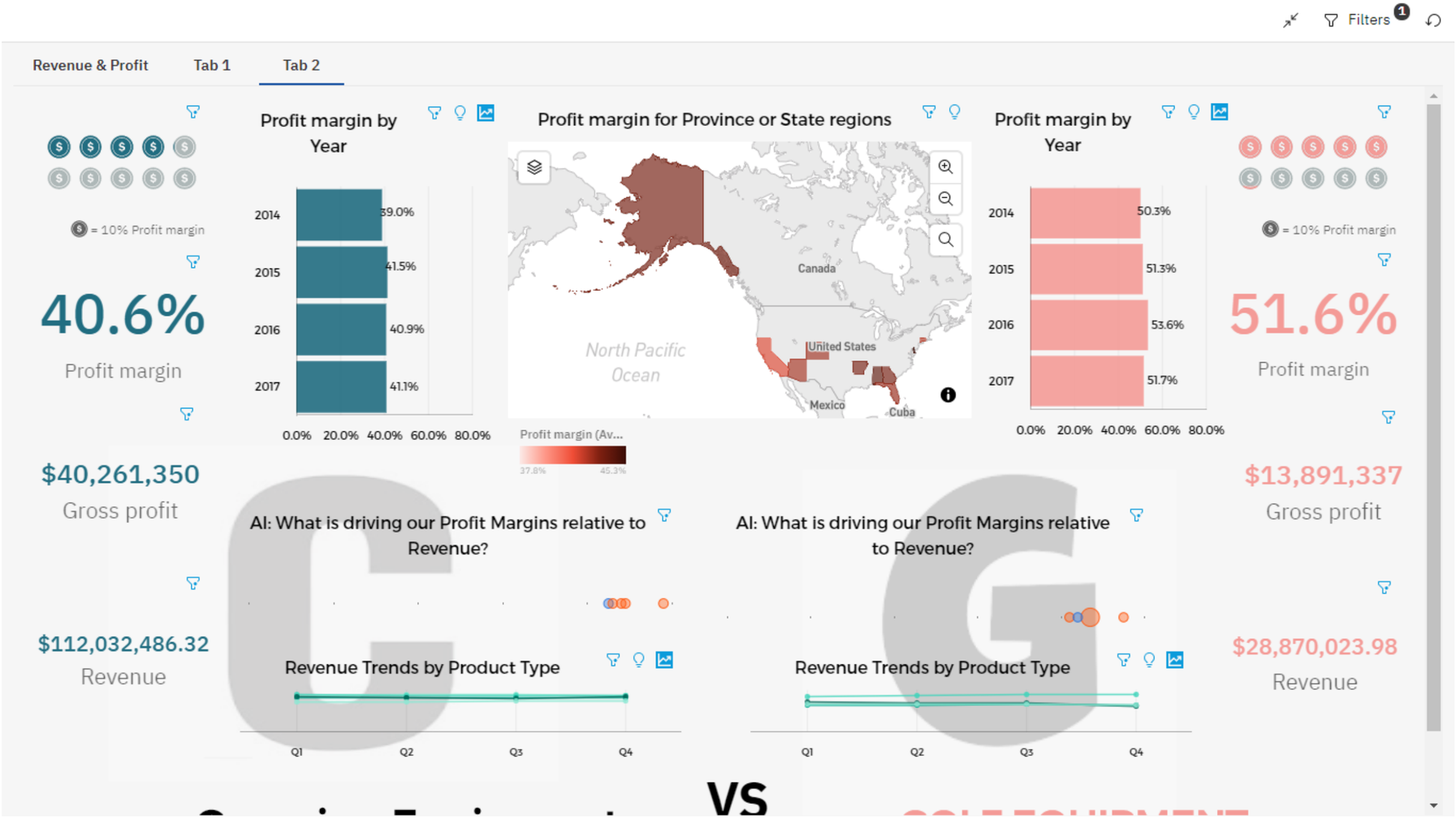


Compactable graphs with insights & Findings.



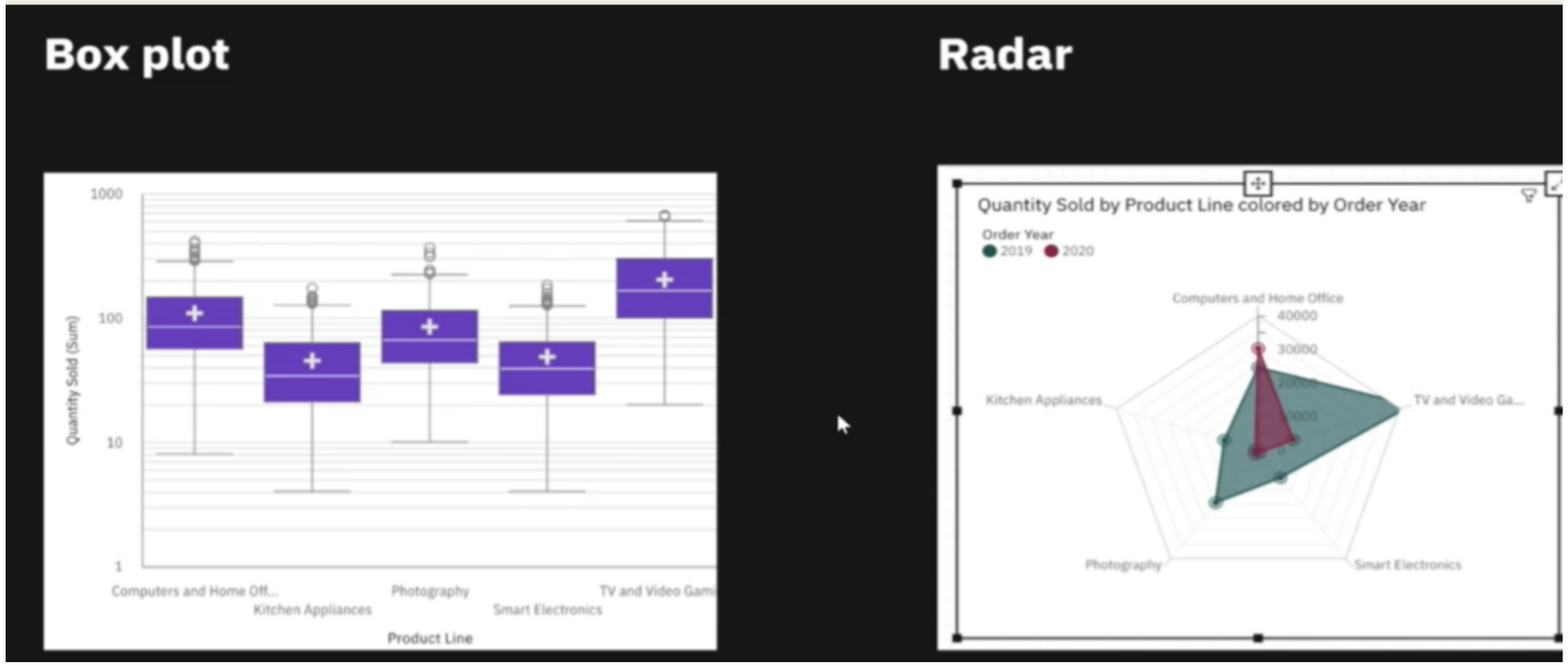
Rank	Title	Employees	Revenues ($M)	Assets ($M)	Profits ($M)	Profit Change
1	Walmart	2,300,000	$500,343	$204,522	$9,862	-28%
2	Exxon Mobil	71,200	$244,363	$348,691	$19,710	161%
3	Berkshire Hatha...	377,000	$242,137	$702,095	$44,940	87%
4	Apple	123,000	$229,234	$375,319	$48,351	6%
5	UnitedHealth Gr...	260,000	$201,159	$139,058	$10,558	51%
6	McKesson	64,500	$198,533	$60,969	$5,070	125%
7	CVS Health	203,000	$184,765	$95,131	$6,622	25%
8	Amazon.com	566,000	$177,866	$131,310	$3,033	28%
9	AT&T	254,000	$160,546	$444,097	$29,450	127%
10	General Motors	180,000	$157,311	$212,482	$-3,864	-141%
11	Ford Motor	202,000	$156,776	$257,808	$7,602	65%

Comparison using AI

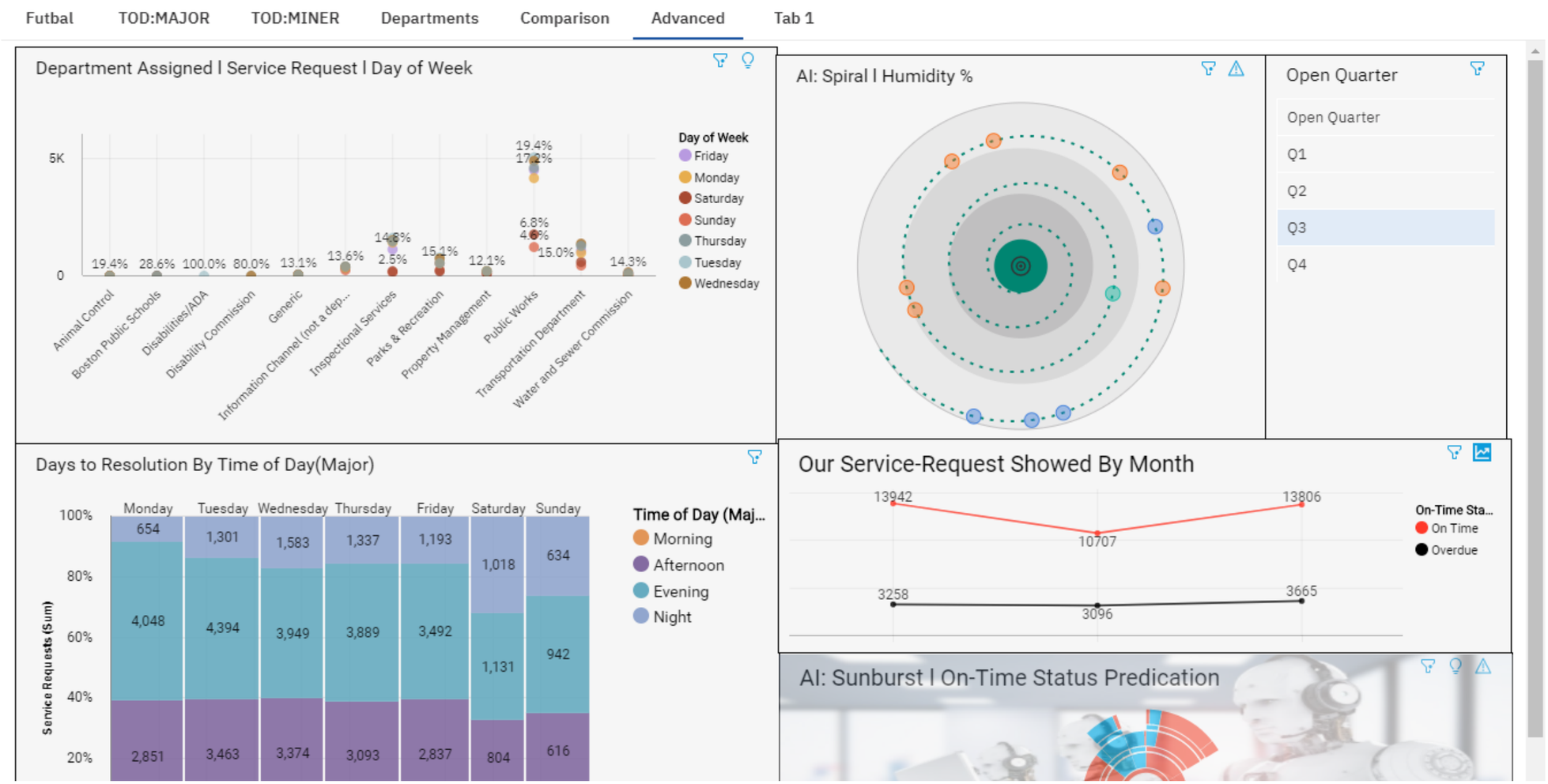


Visualizations

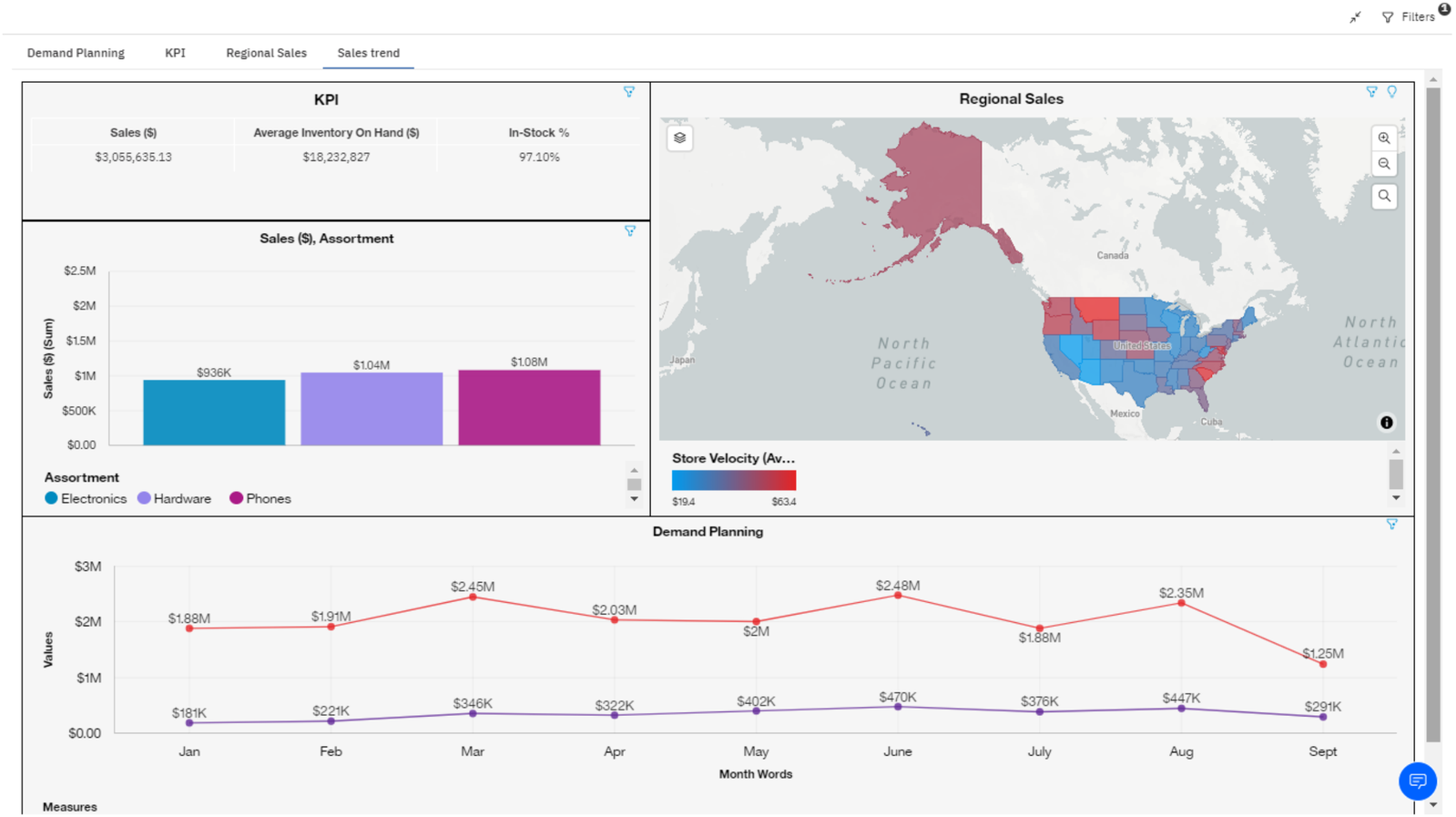
Two new visualizations. Each new Cognos release includes new dashboards. With 11.2 we get Box plot and Radar visualizations. Don't forget to keep checking the Accelerator Catalog where you can always find additional visualizations there.



AI Indicators

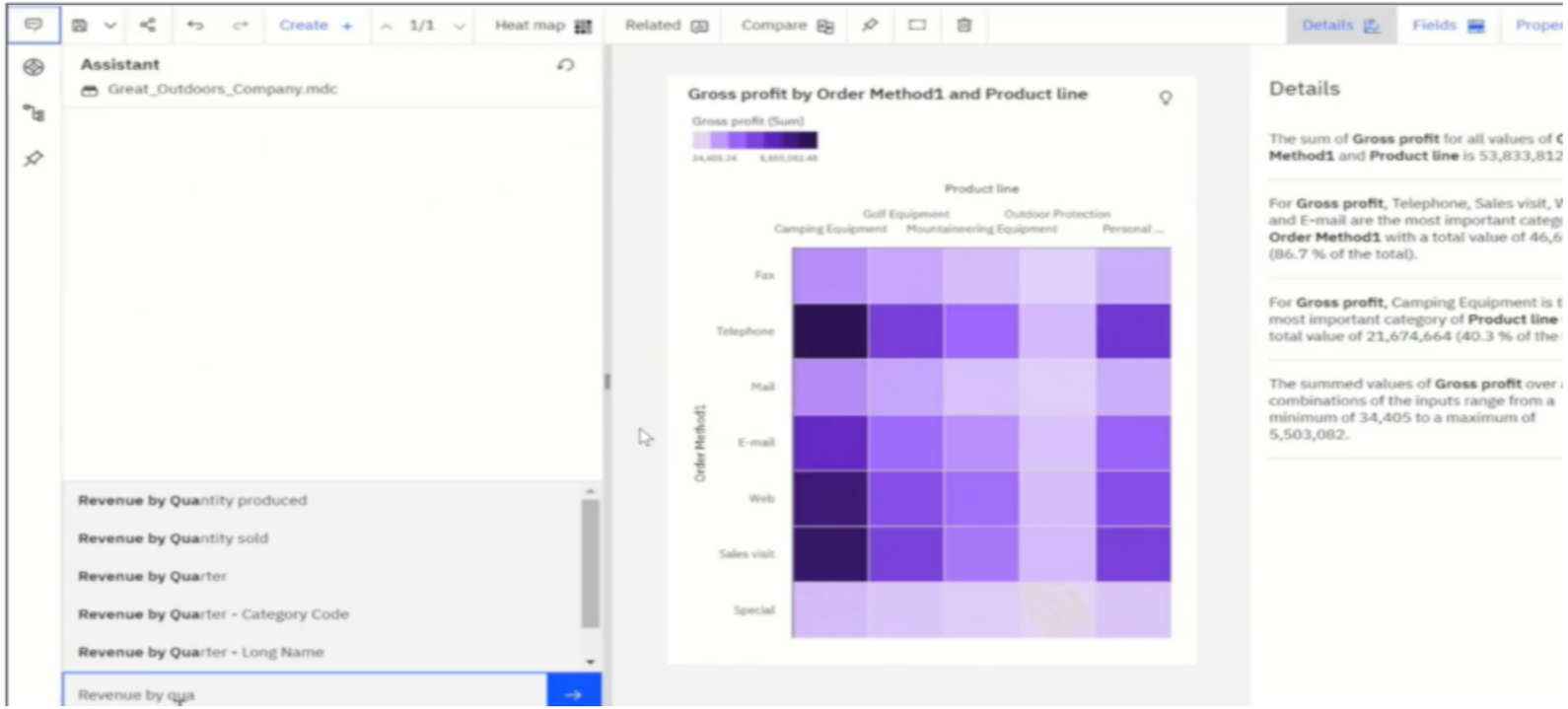


Data-Driven Maps with Findings

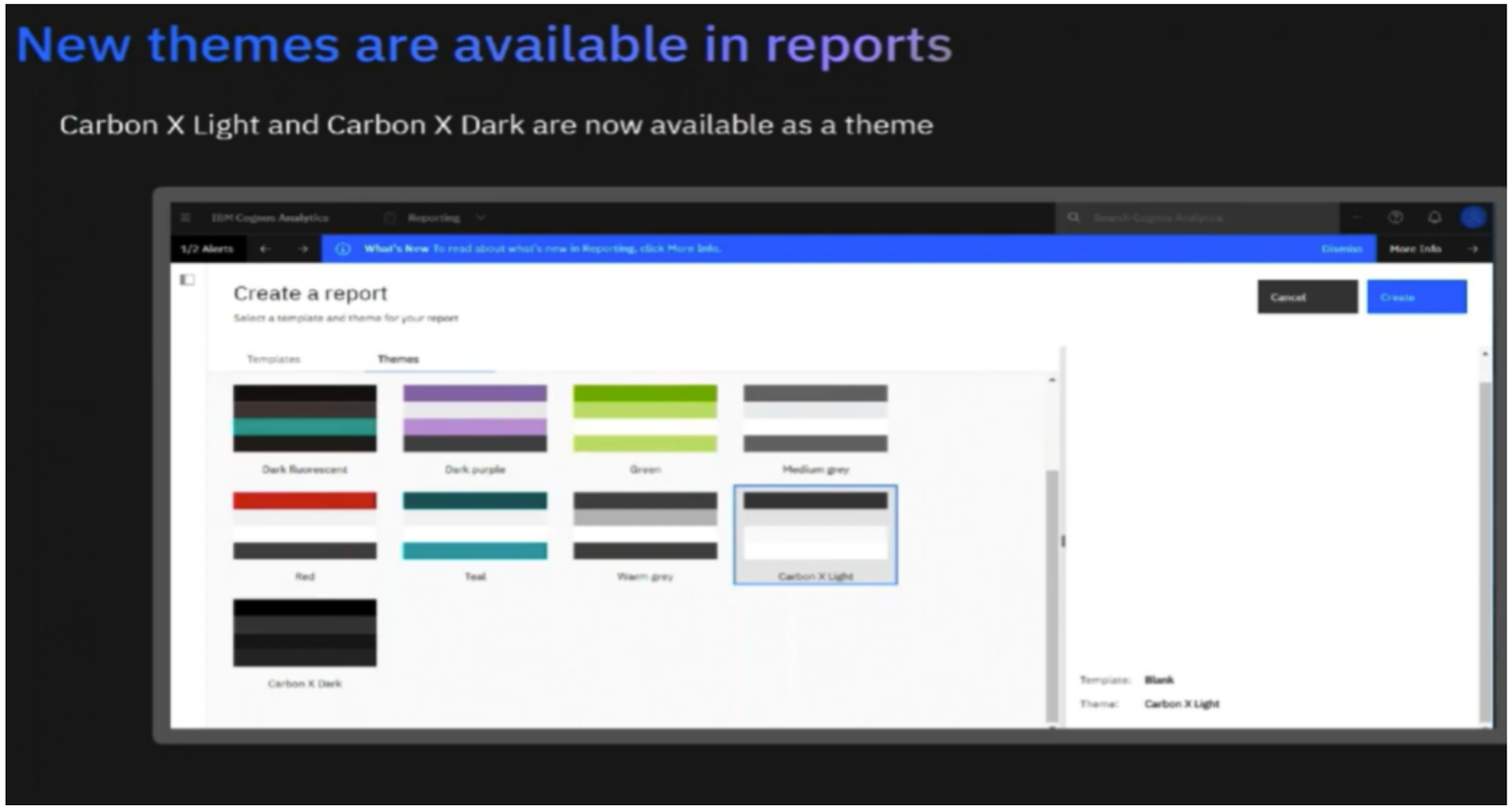


Built-in AI Assistance

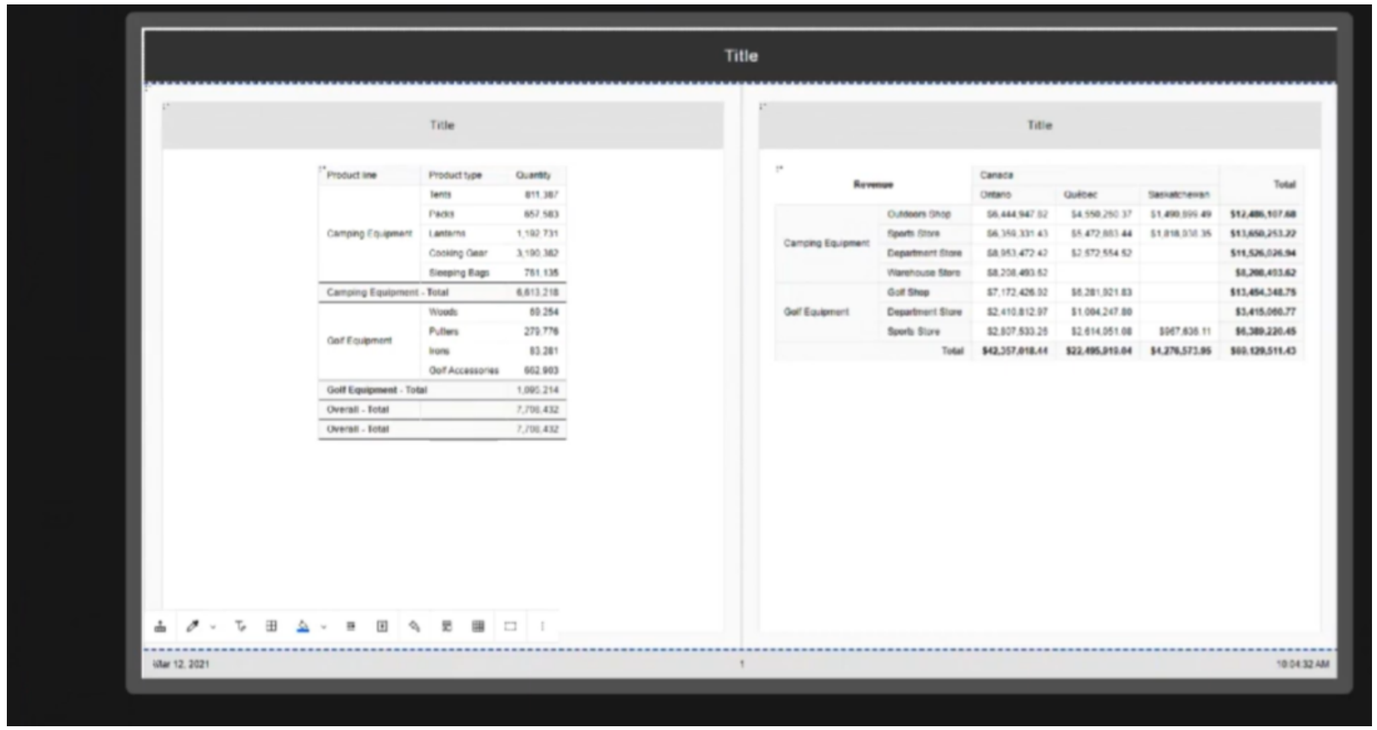
The AI assistance is also now baked into dashboards. You can ask questions, get additional insights or even have it build a dashboard for you and forecasting support for OLAP cubes.



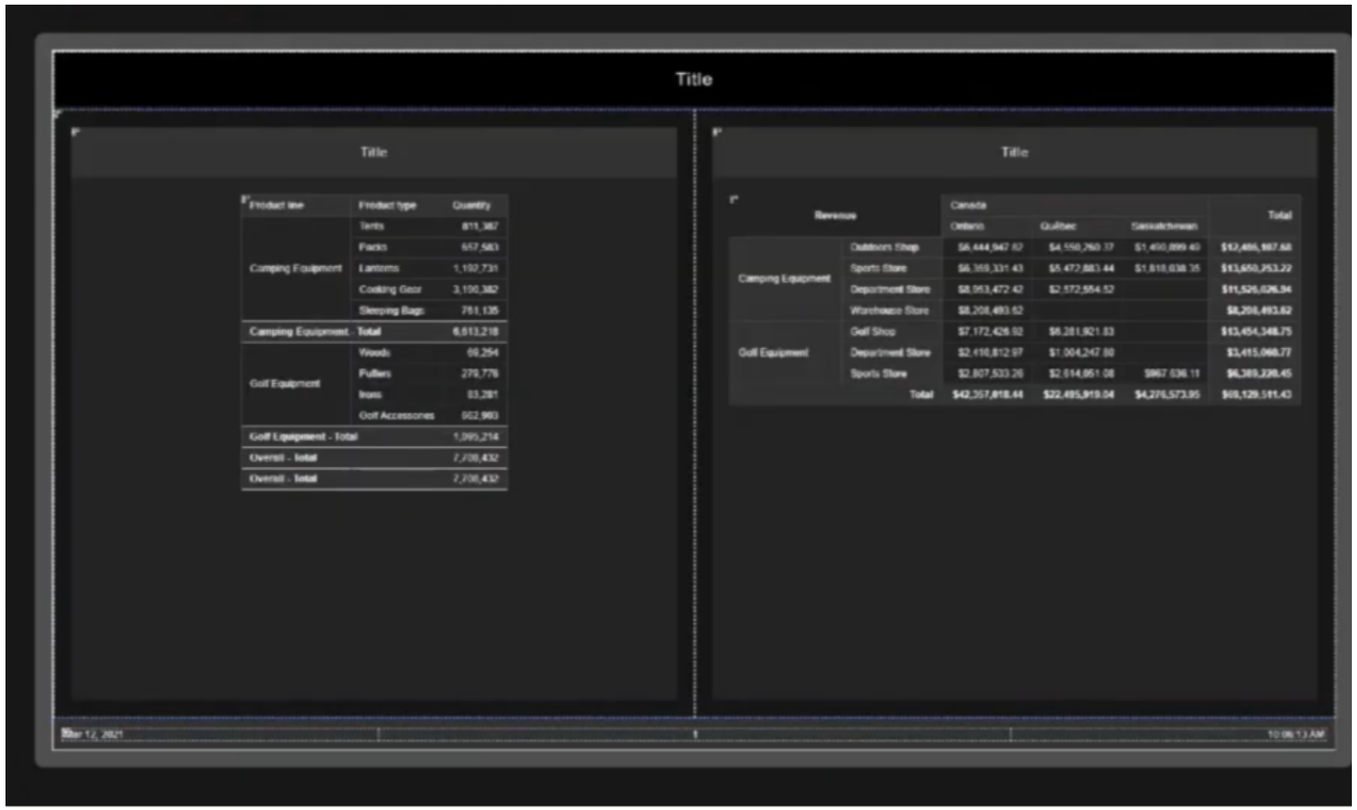
Portal Design



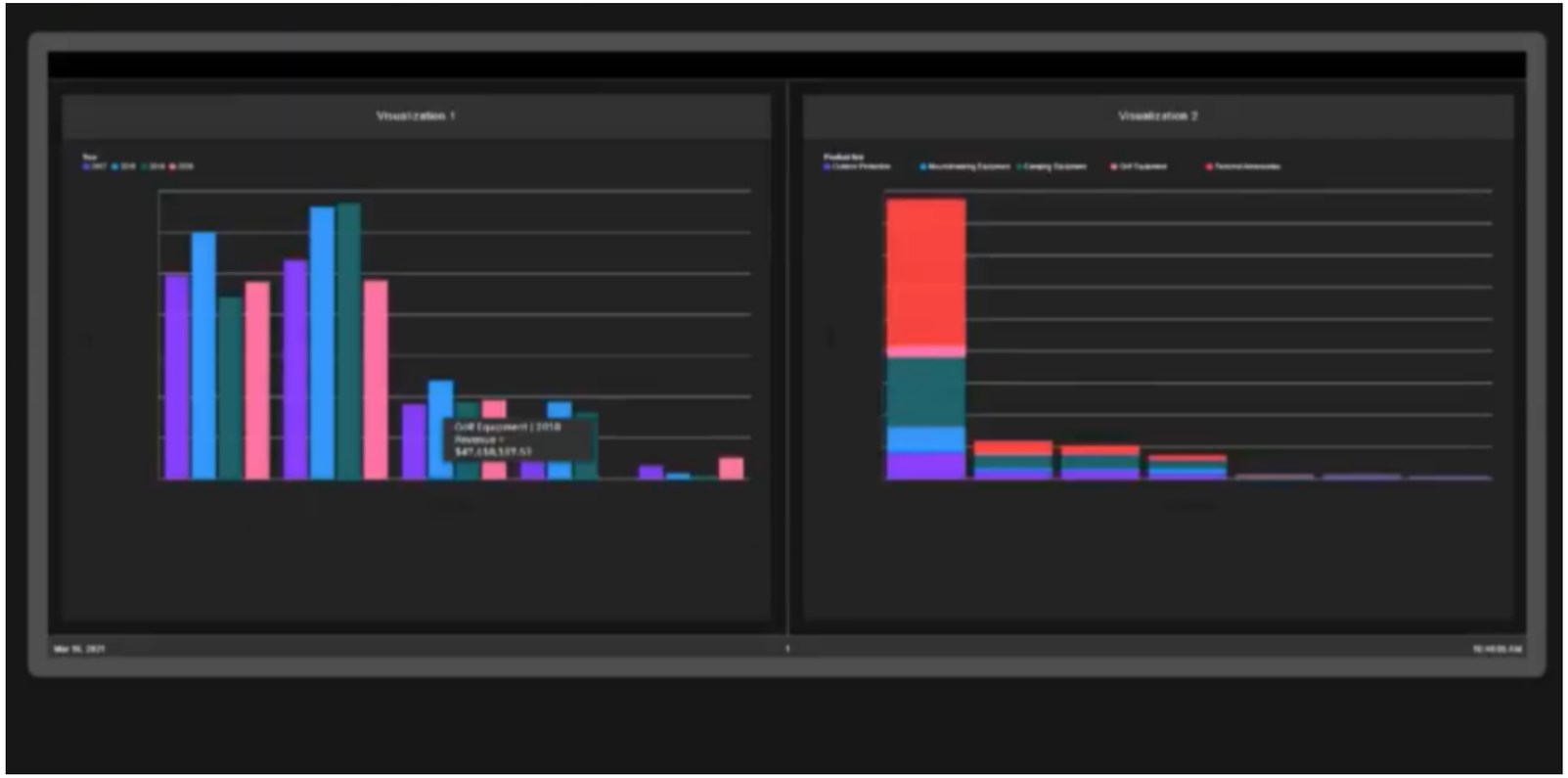
Carbon X Light in a Report



Carbon X Dark in a Report



Carbon X Dark in a Report



THANK YOU