

**SAP**insider

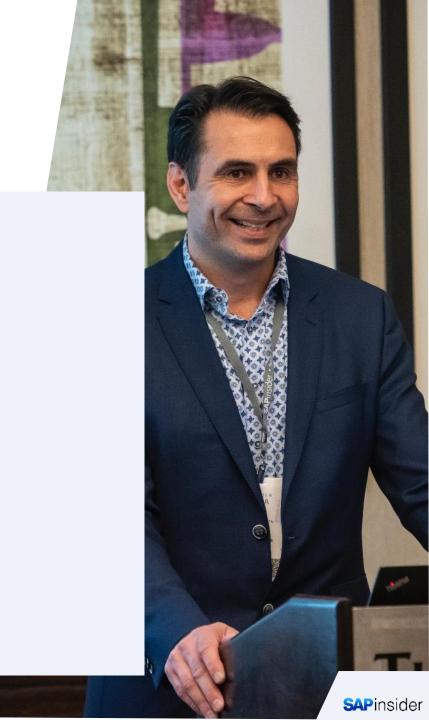


#### In This Session

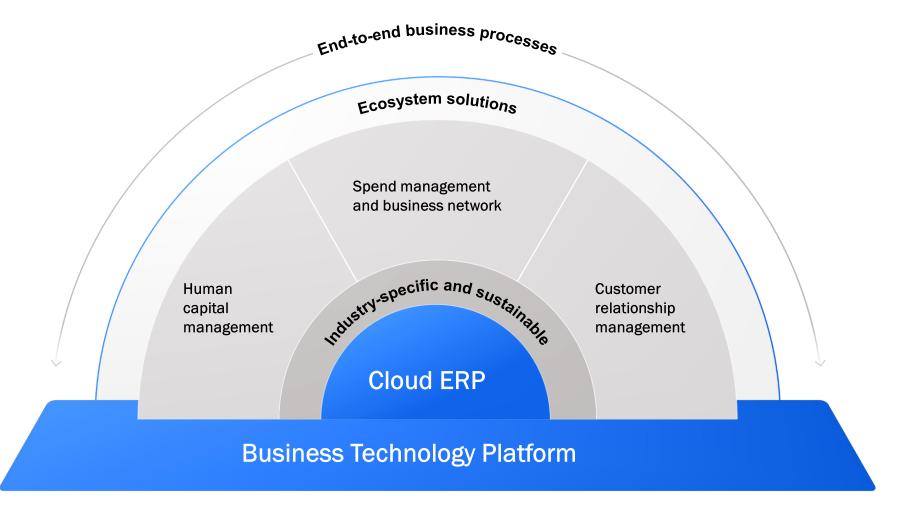
- What is SAP Analytics Cloud?
- What are the recent innovations?
- Where are investment priorities?
- Future innovations insights
- What can Gen-AI can add to SAC?

#### **Agenda**

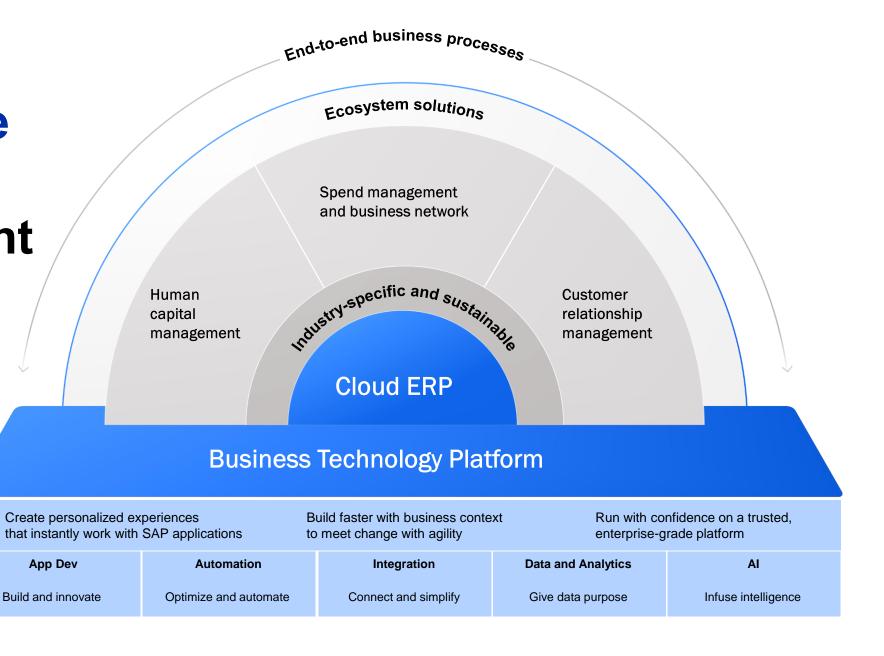
- SAP Analytics Cloud positioning
- Recent innovations
- Investment Priorities
- Generative Al
- Wrap-Up



Enable every enterprise to become an intelligent, sustainable enterprise



SAP BTP is the foundation of the Intelligent Sustainable Enterprise



## Integrated Data & Analytics Portfolio to realize our vision

#### Planning & Analytics

#### Extended Planning and Analytics

Provides an optimized, vertically integrated consumption layer for customers, LoBs, partners

**SAP Analytics Cloud** 

#### Data Mgmt. & Data Warehouse

#### **Business Data Fabric**

Harmonizes access to SAP data (incl. business context) with the ability to feed in external data

**SAP Datasphere** 

#### **Operational Databases**

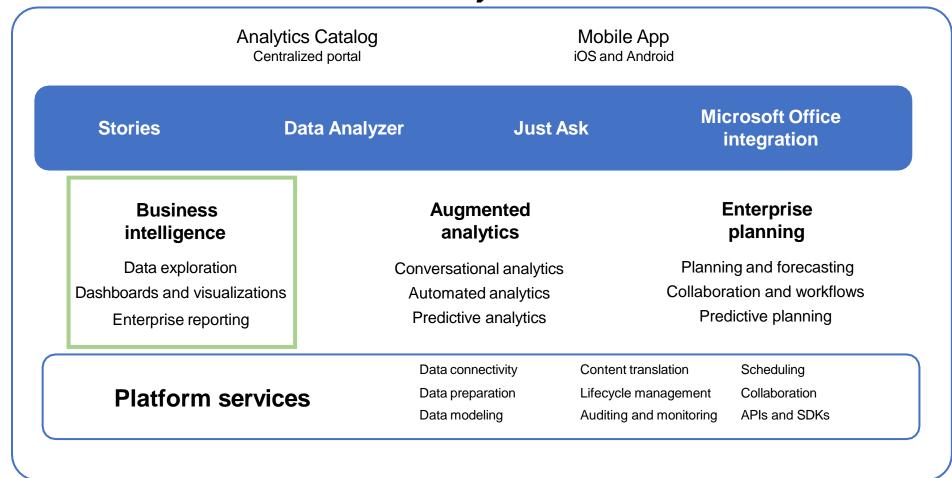
#### Intelligent Data Applications

Build apps leveraging analytical capabilities (ML, graph, spatial) of data tier combining historical & real-time data Supported by BTP Services (pro / nocode app, development tools)

**SAP HANA Cloud** 

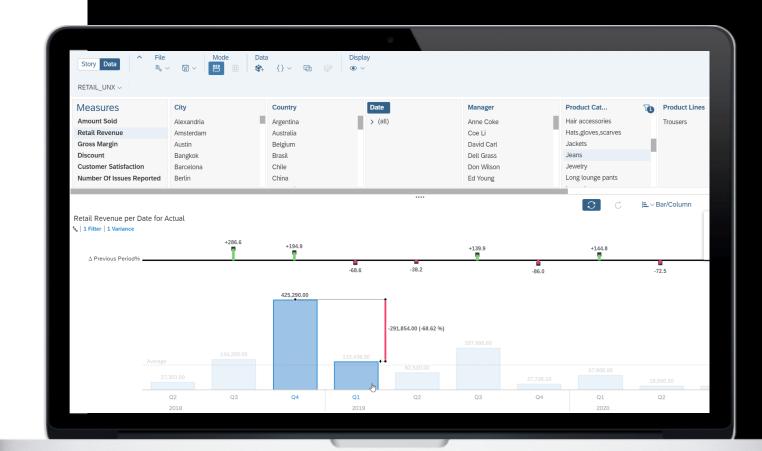
#### Deliver data-to-value end to end instead of point solutions

#### **SAP Analytics Cloud**



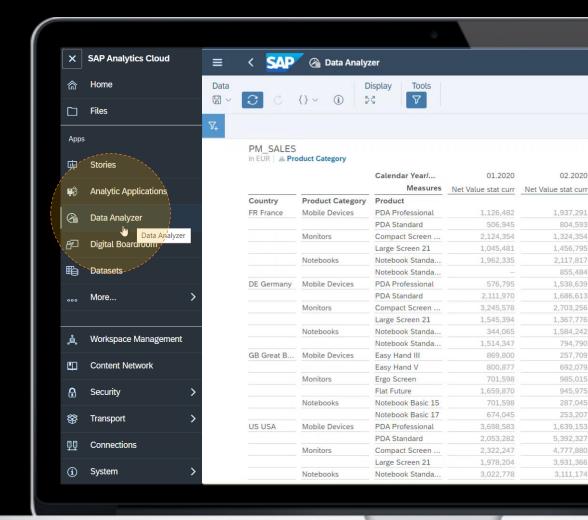
#### **Story Data Explorer**

- Easily explore data to understand the data structure and initial patterns before deeper analysis and content creation
- Point and click to explore, visualize and analyze, then save to stories
- Explore any available data model; Explore, filter, rank, sort, visualize, display variance, share and export your analysis
- Enabled automatically for all data models
  - No additional admin setup needed



#### **Data Analyzer**

- Query your data directly and perform adhoc analysis in a pivot-table style analysis view
- Supports SAP BW Live queries, SAP HANA Live views and SAP Analytics Cloud models
- Users can find a list of recent insights on the Data Analyzer start page
- Open an existing Insight or discover new insights by starting a new data exploration



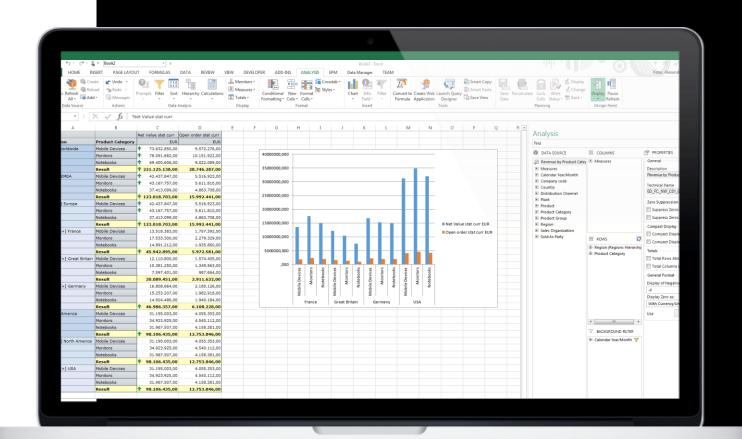
#### **Dashboards & Visualizations**

- Design and deliver stunning, interactive enterprise dashboards across all lines of business
- Extensive visualization library, geo maps powered by ESRI and custom R visualizations
- Define custom calculations, calculated dimensions, aggregations and more
- Display variance, dynamic text, custom tooltips, CAGR and more
- Easily comment, collaborate and share content via document link with other users



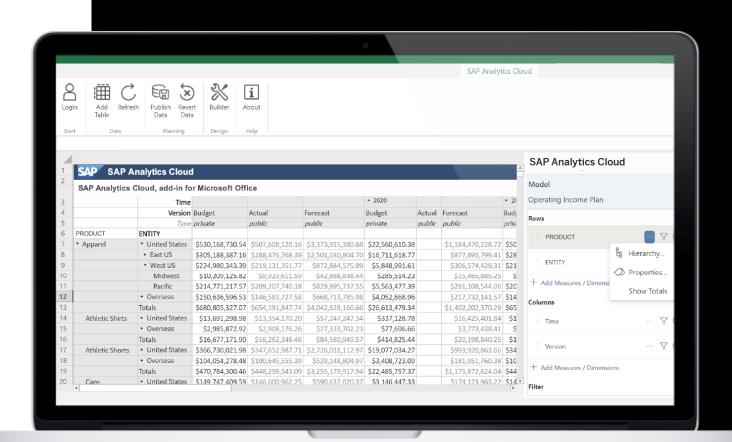
#### **SAP Analysis for Office**

- Leverage the familiar Excel interface with SAP Analytics Cloud for reporting and centralized planning
- Design formatted reports in Excel
- Analyze acquired data and live data from BW, BW/4HANA, HANA, and S/4HANA via SAP Analytics Cloud connections
- Available with SAP Analytics Cloud subscription



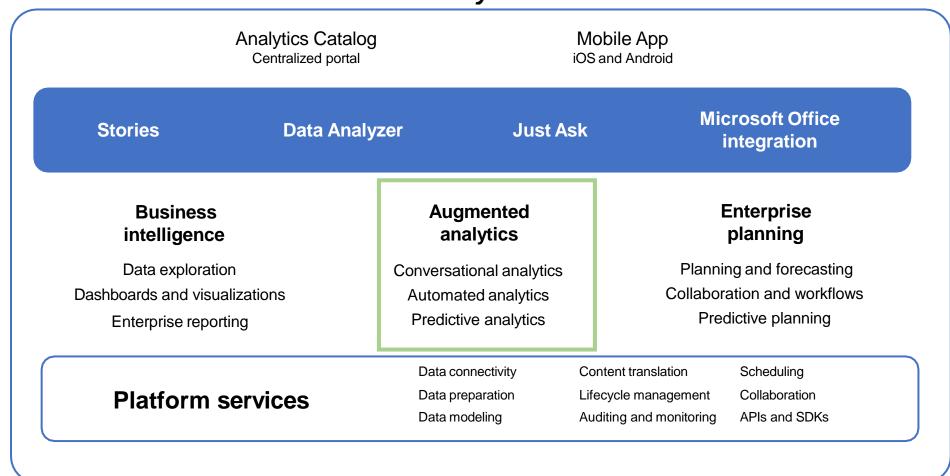
#### **Add-in for Microsoft Office**

- Analyze your plans, simulate future outcomes, and make effective business actions with Microsoft Office Excel 365
- Design formatted reports in Excel
- Created formatted reports on analytic and planning acquired data models
- Plan, simulate and write back to planning models
- Collaborate with colleagues online, on desktop, Windows or Mac



#### Deliver data-to-value end to end instead of point solutions

#### **SAP Analytics Cloud**

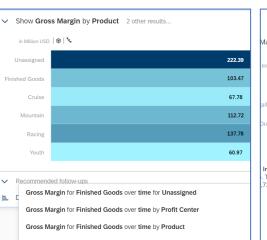


#### **Augmented Analytics**

Make smarter and faster decisions with automated insights powered by machine learning

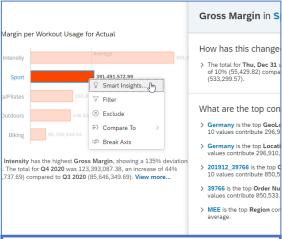
#### Conversational Search to Insight

in Million USD | 😵 💃



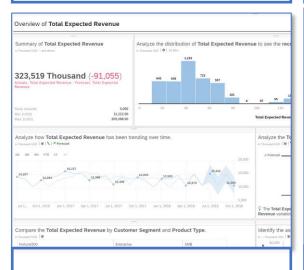
Ask questions conversationally and SAP Analytics Cloud finds and visualizes your answers

#### **Automated Insights Smart Insights & Forecasting**



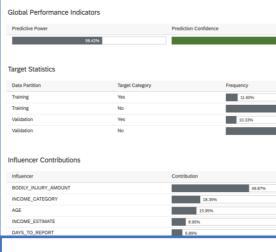
Automatically add forecasts and find top influencers in your data, shown in natural language

#### **Automated Discovery Smart Discovery**



Automatically generate stories that reveals trends. relationships, patterns, and outliers in your data

#### **Predictive Analytics Smart Predict**



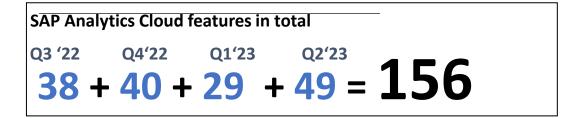
Run regression and classification scenarios, and generate forecasts without data scientists

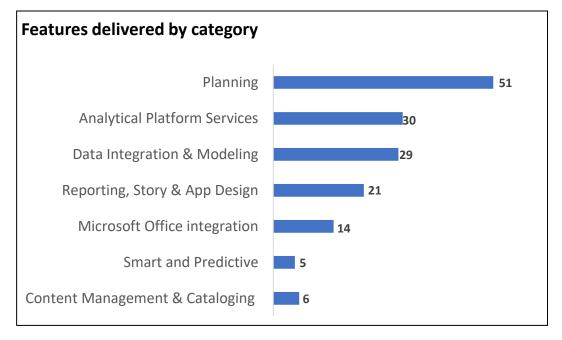
**Information Worker** 

Citizen Data Scientist

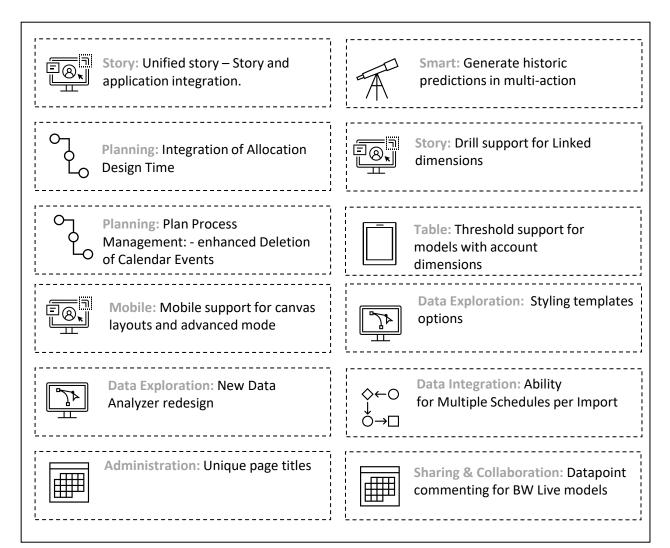
## Recent Innovations

#### Significant investment confirms SAP Analytics Cloud as strategic solution





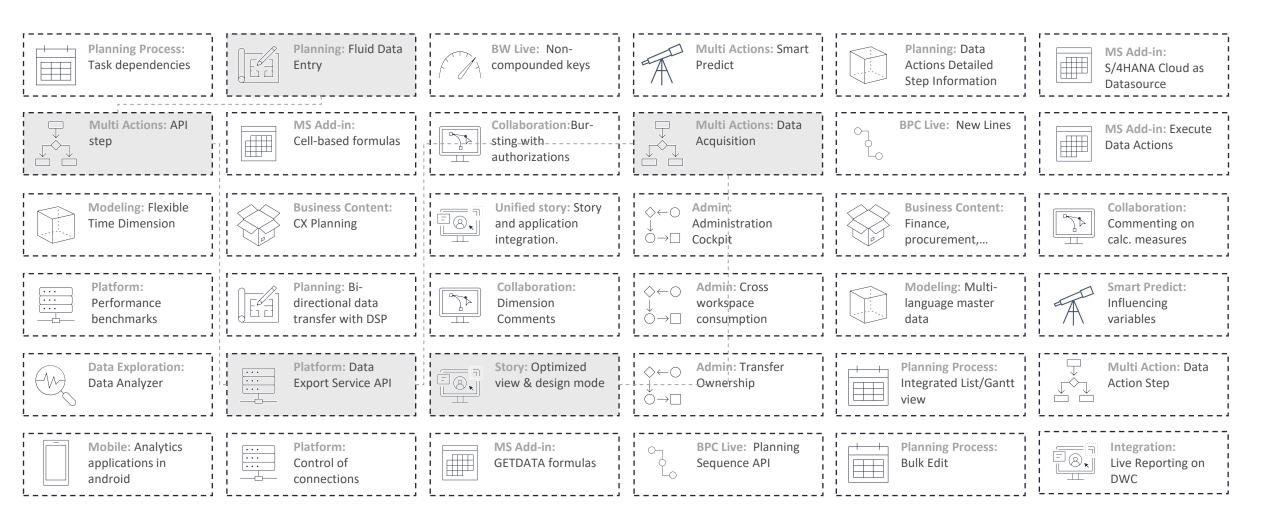
Features delivered in last 4 quarters addressed **141 influence requests.** 



#### With SAP Analytics Cloud the whole is greater than the sum of its parts



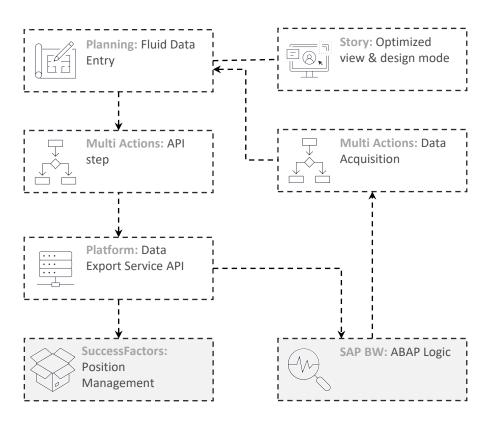
## SAP Analytics Cloud integrates into LoB applications and on-premise landscapes

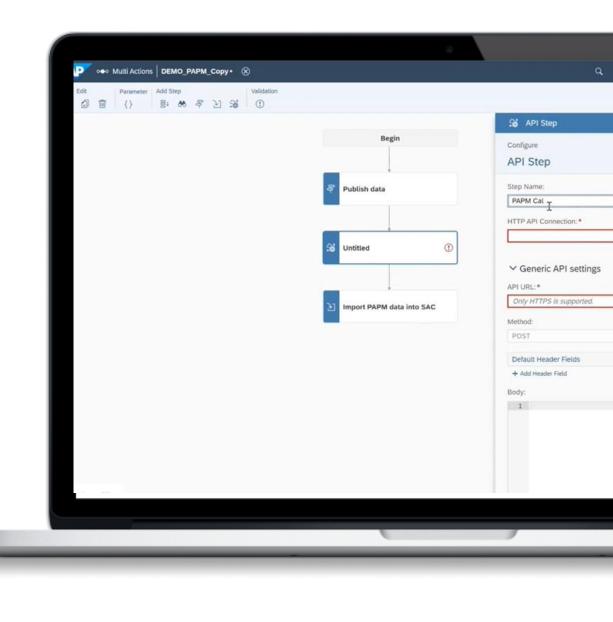


#### **SAP Analytics Cloud**

## integrating into LoB applications and on-premise landscapes

The new **API step** included within **multi actions** adds new **closed-loop integration capabilities** to SAP Analytics Cloud in combination with SAP BW or LoB applications.







# Investment Priorities

### SAP Analytics Cloud investment drives portfolio integration, next-gen frontend and artificial intelligence

#### SAP Business Technology Platform and LoB integration

Deep integration with SAP Datasphere and SAP's LoB applications

#### Live connectivity

SAP Business Warehouse, SAP Business Planning and Consolidation, SAP S/4HANA, and SAP HANA Cloud providing live capabilities for SAP HANA

#### Enterprise readiness, performance, and usability

Performance improvements, enterprise analytics, administration capabilities, and an enhanced data-entry experience

#### Advanced planning, predictive forecasting and flexible modeling

Flexible modeling, data entry optimization, and planning automation with predictive forecasting, multi actions and enhanced workflows

#### **Data exploration**

Data analyzer as the **one exploration experience** with integration into story workflow and catalog

#### SAP Analytics Cloud, add-in for Microsoft Office 365 (Excel)

Full support of planning features with data actions, new lines, and more

#### **Composable Analytics**

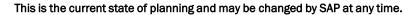
Integrate in context Analytics into any kind of business application

#### **Unified Story**

**One experience** combining stories, analytics designer, and SAP Digital Boardroom

#### **Artificial Intelligence**

Augment all analytics workflows with Al including data exploration, story/app creation, decisioning/simulation, planning and modelling.





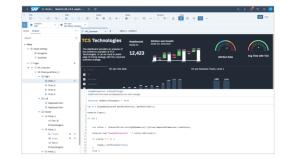












#### **Classic Experience**

Starting 2015

:R

Welcome TUNIR!

#### **Optimized Experience**

- Architecture & Usability renovation
- Technical Foundation for Unification

#### **Unified Story**

- Merge of Analytic Application and Stories into a Single Asset
- Auto Migration from Optimized Experience to Unified Story
- Foundation for functional enhancements e.g. Boardroom integration, Change Model, ...

#### "Lightweight Viewer"

- Lightspeed access for Story Viewer
- Focus on embedding scenarios
- Foundation for composable BI enhancements

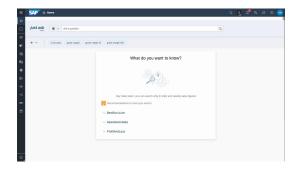




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#### **JustAsk**

- Search driven analytics
- Stateful or conversational ChatGTP experience
- Foundation for NLG (commentary and insights) and analytics assistant

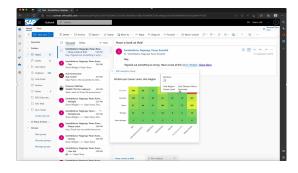




#### **DiBo Integration in Unified Story**

- Create analytics journeys in SAC stories using presentation mode
- No more compromises one unified experience for all analytics consumption

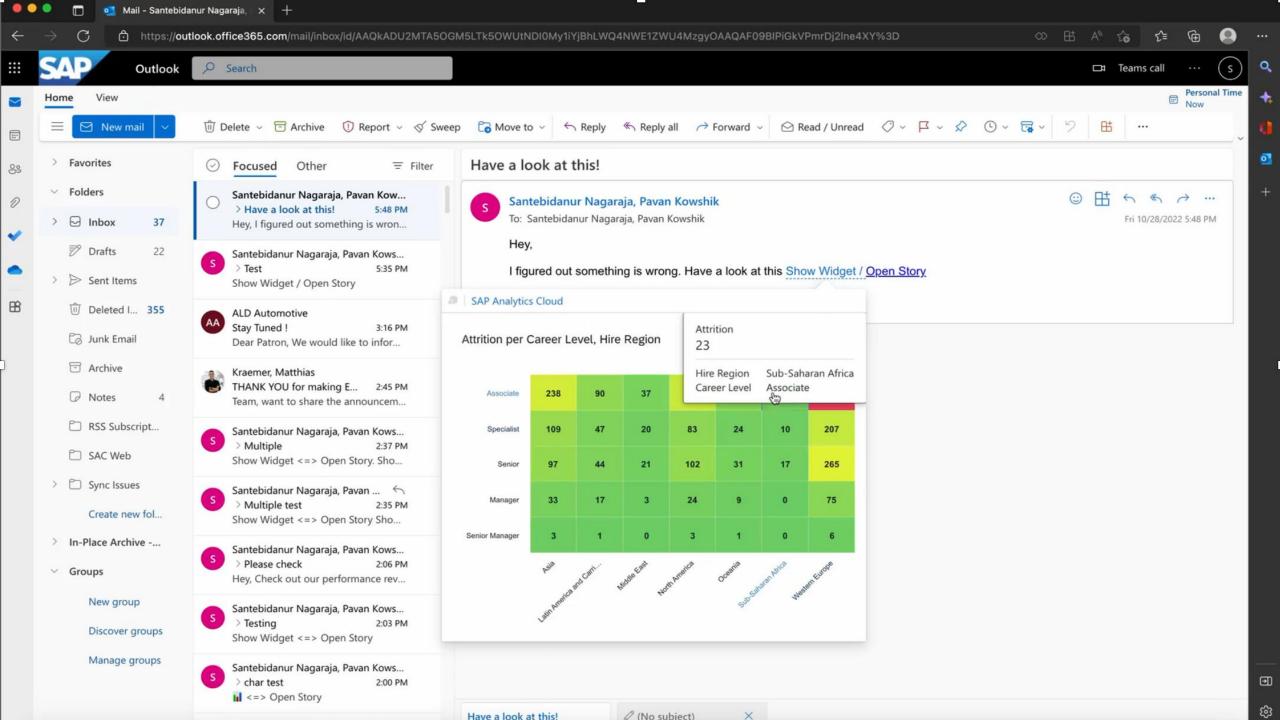


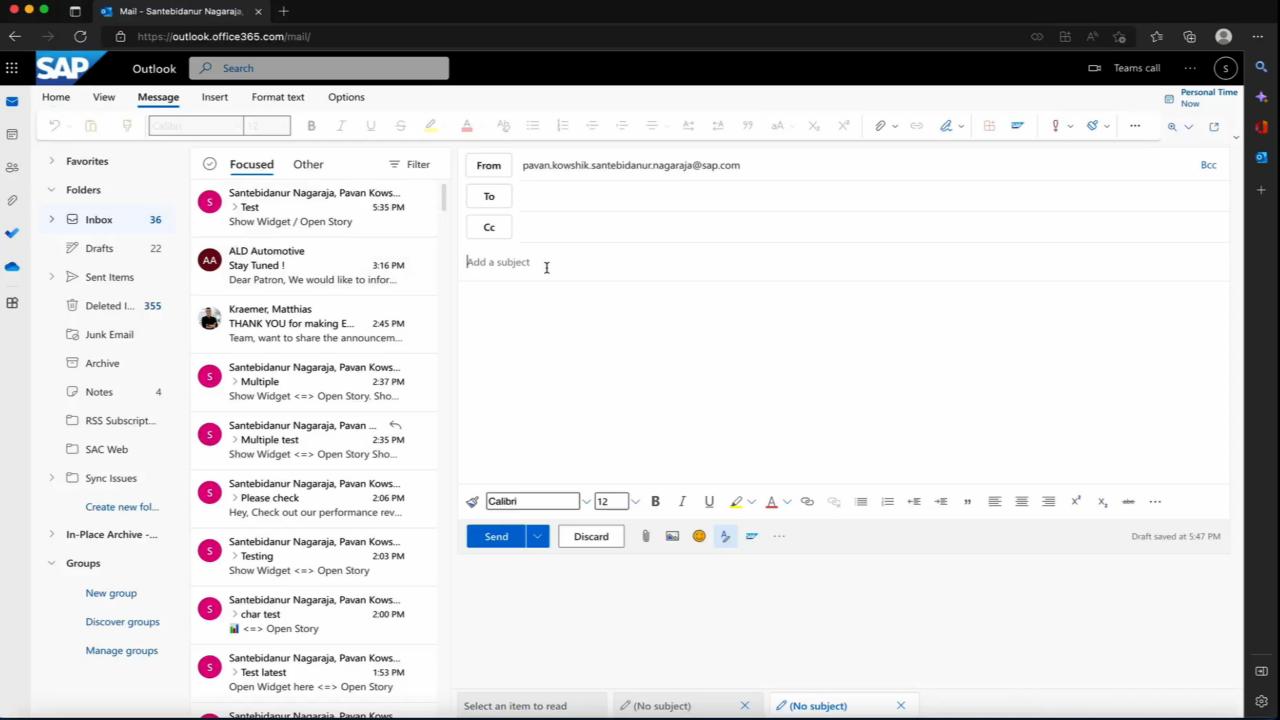


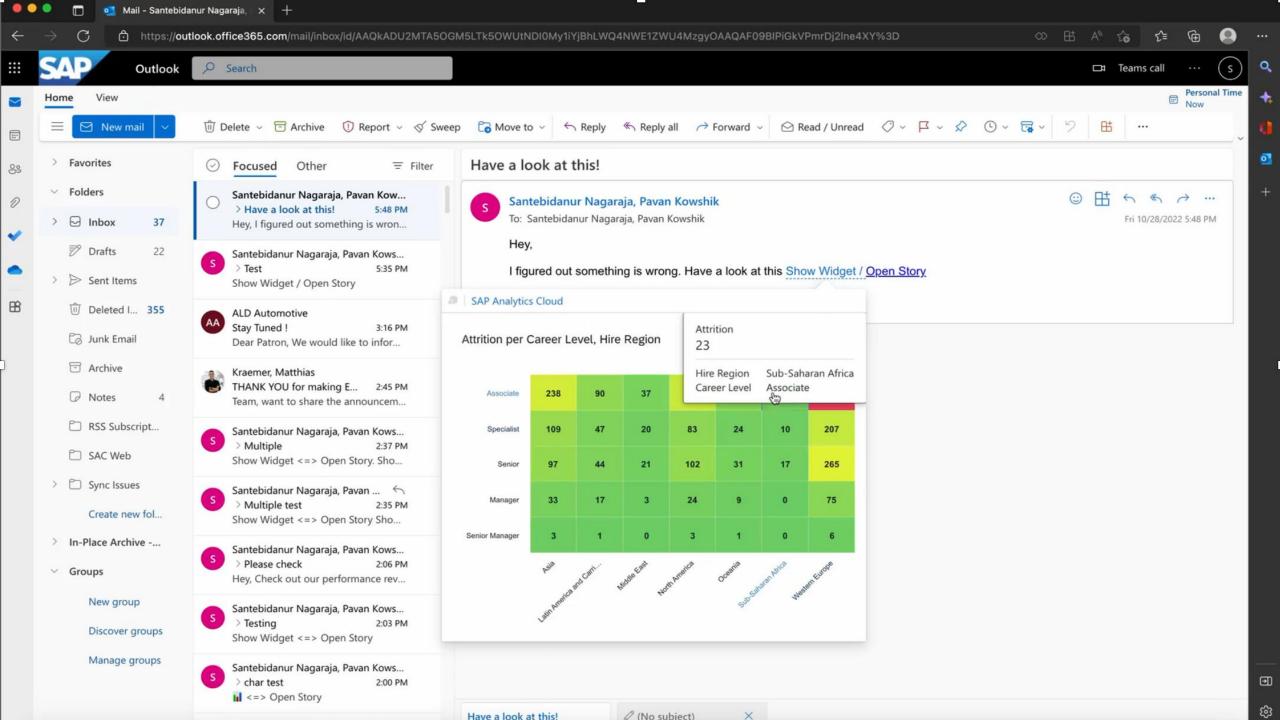
#### **Composable Analytics**

- Compose analytics experiences everywhere with widgets and composites.
- Fully interactive multi-dimensional analytics everywhere









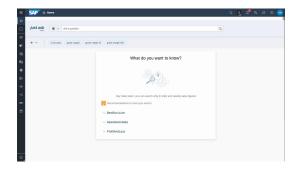




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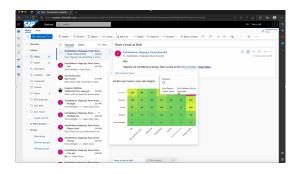




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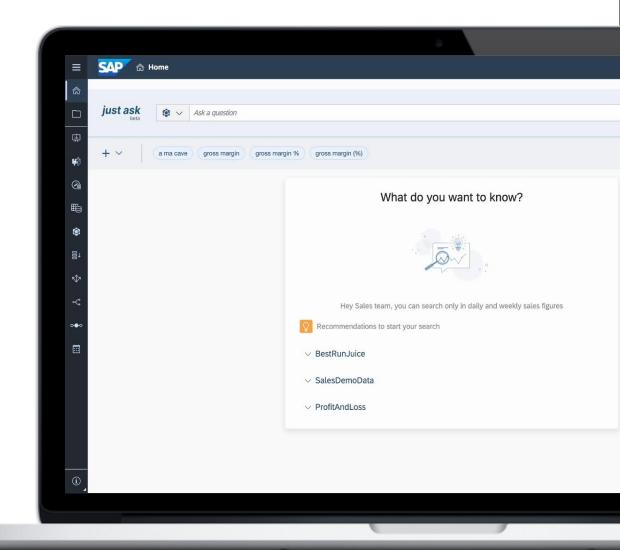
#### Just Ask: Conversational Al

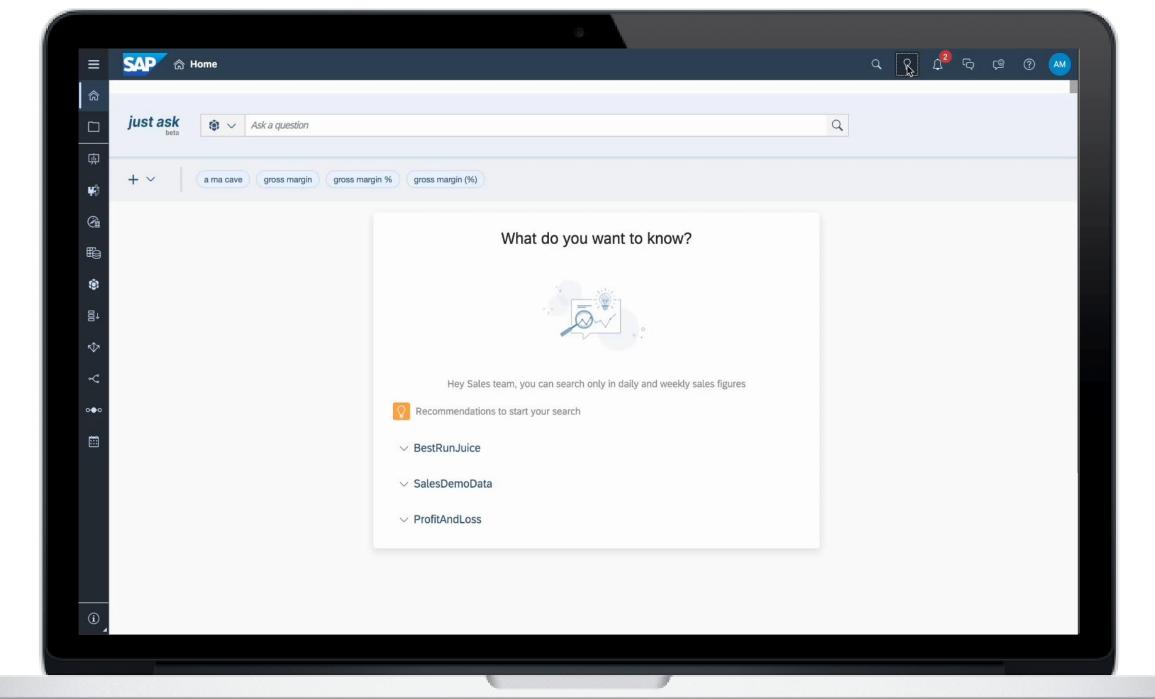
#### Widgets:

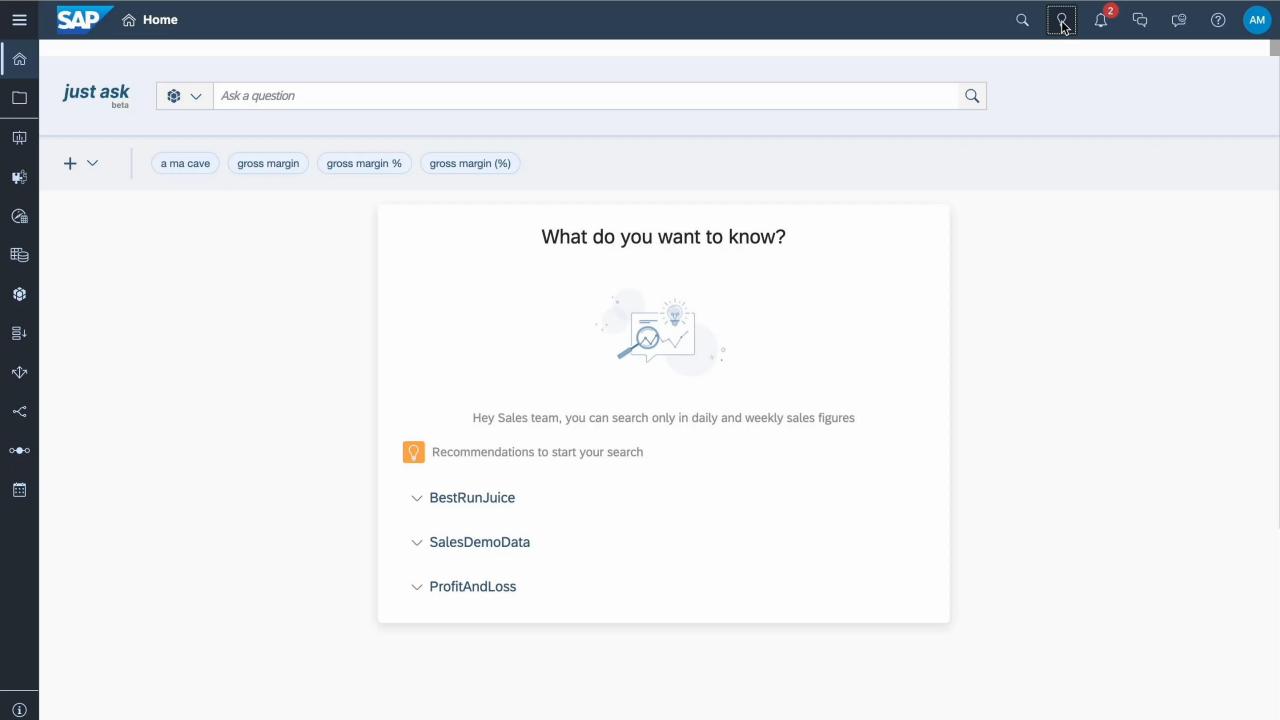
- Interactive visualization and table support
- Sorting
- Export (CSV / Excel)
- IBCS compliant
- Story & Data Analyzer Integration

#### Technology:

- Smart synonyms: using "text embedding" techniques
- Based on Large language models (LLM)
- User-defined synonym management
- Semantic rules





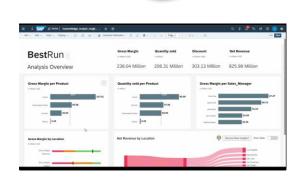


We envision integrating

## Generative Al

into every significant workflow of SAP Analytics Cloud by the end of 2024.





#### **Augment with Al**

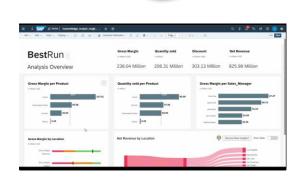
- Augment all analytics workflows with AI with an always on analytics assistant experience
- Analyze data, edit stories, include JavaScript & CSS, model and plan using natural language.

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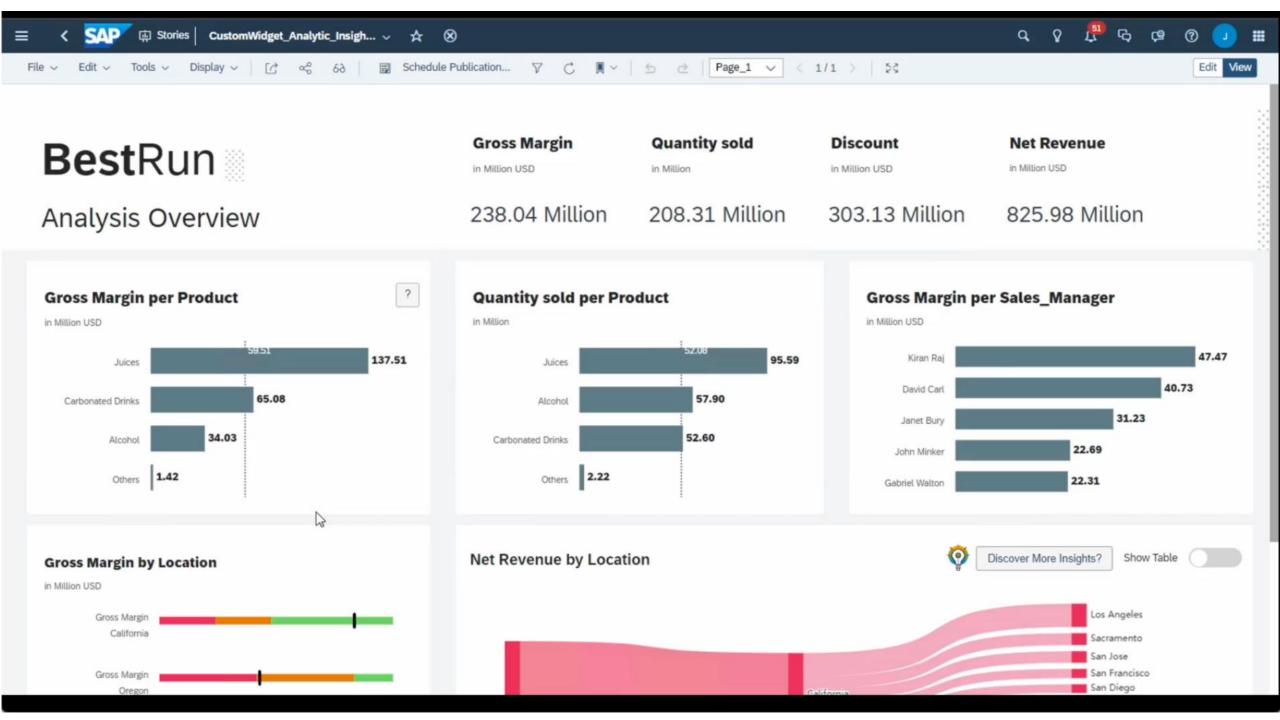
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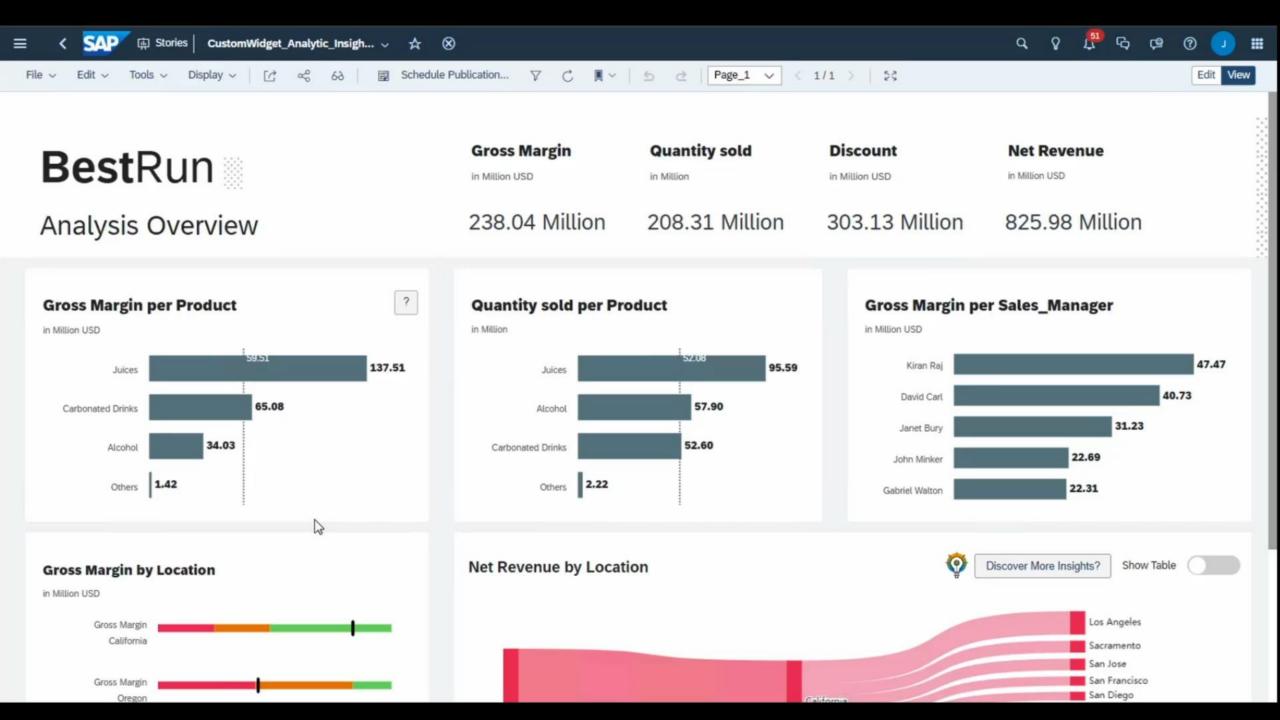


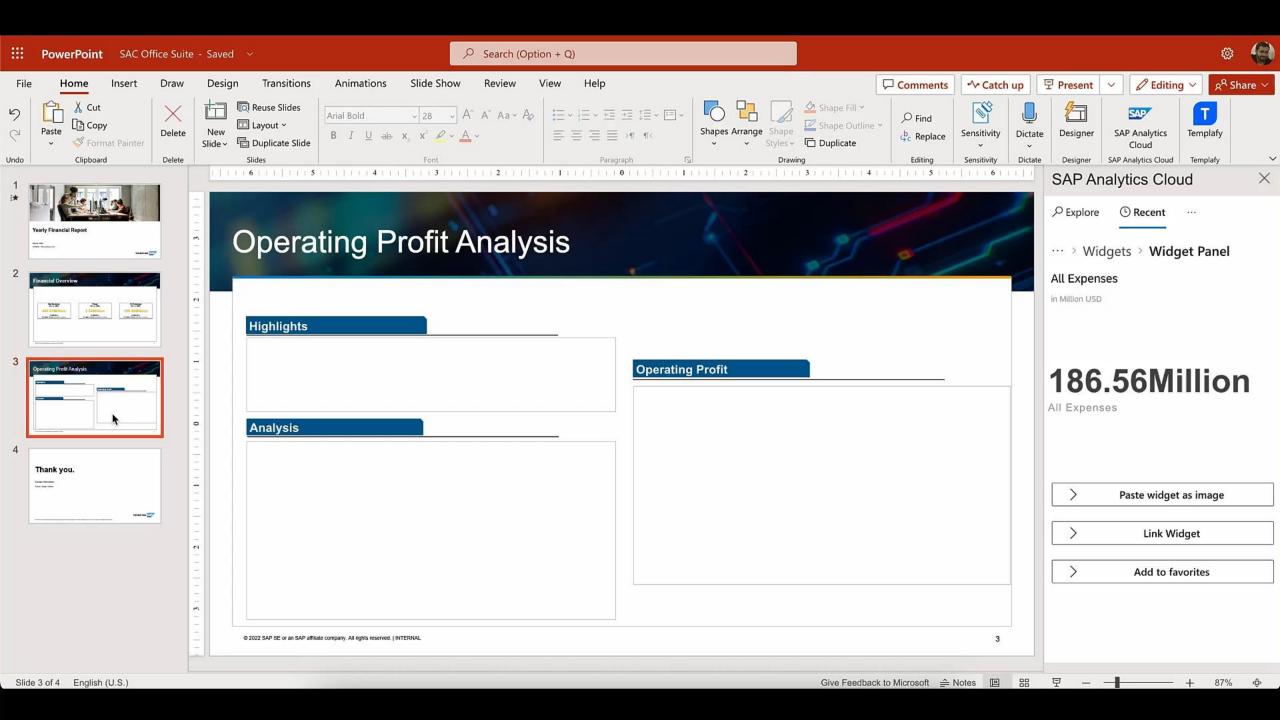


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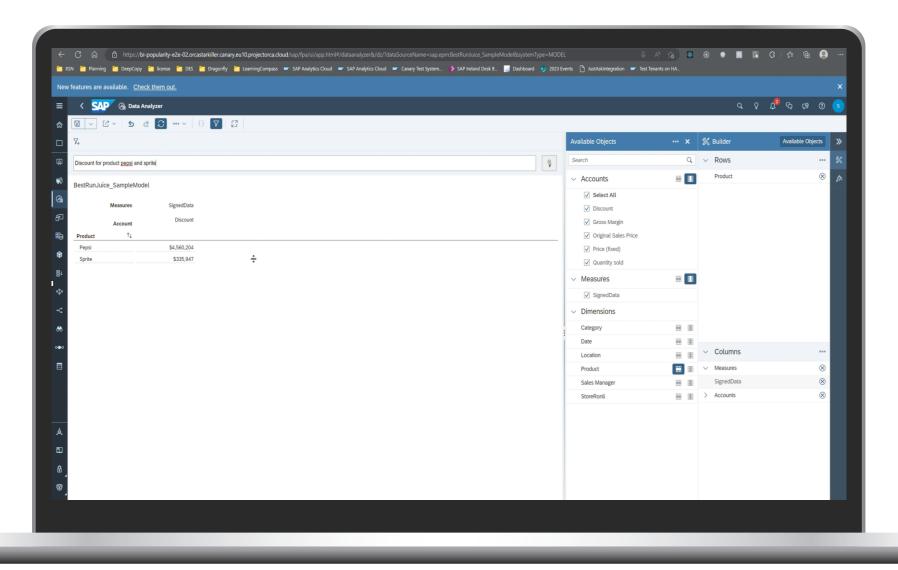
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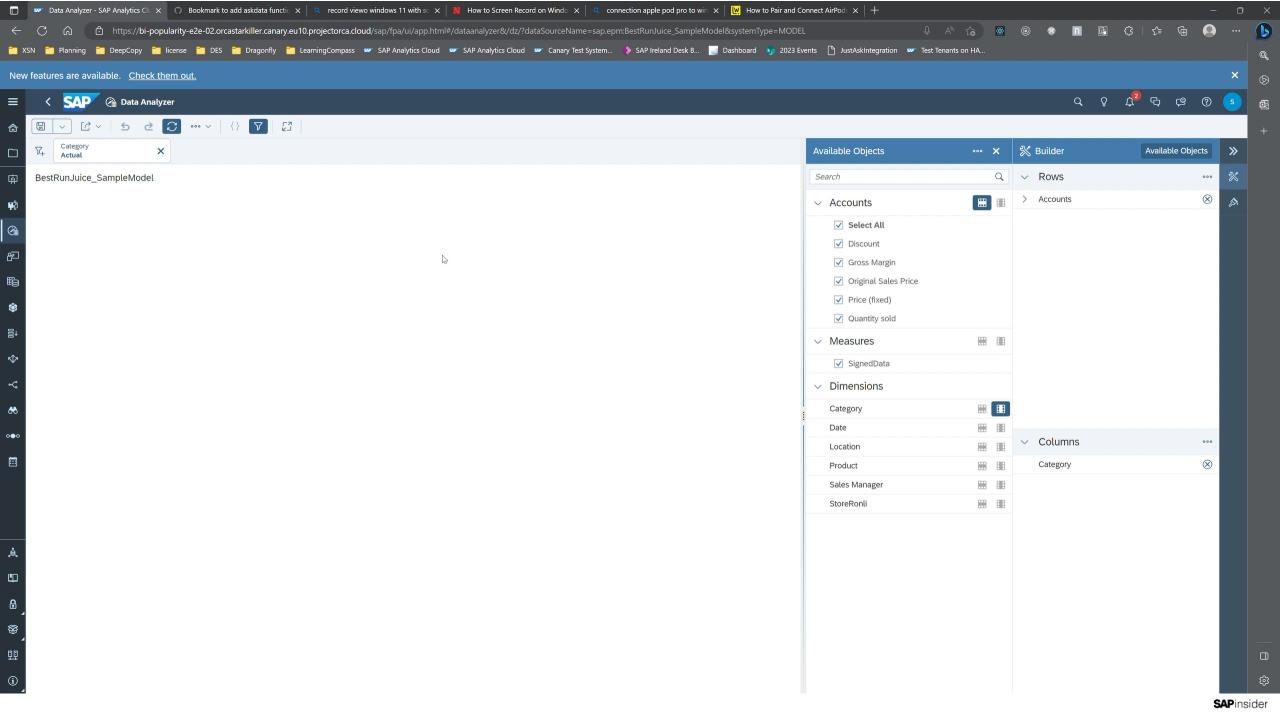






#### Al one click away / JustAsk Data Analyzer





#### More information and how to get started

**PartnerEdge Portal** 



**SAP Learning** 



openSAP Course



**BTP Partner Community** 



#### Wrap up

#### **State of the Art Frontend**

Consolidated, powerful and efficient frontend components, integrated anywhere

#### Tightly Integrated & Semantically Enriched

Strengthening the seamless interplay of our solutions and leveraging existing semantics

#### **End-to-End**

Matching with existing enterprise landscapes and covering key data use cases

#### **Artificial Intelligence**

Augment analytics workflows with

Al as an integral part

of our offering

#### Flexible & Open

Embedded into an ecosystem and enabling partner solutions



#### Where to Find More Information

- SAPinsider.org
- SAP Analytics Cloud product : https://www.sap.com/products/technology-platform/cloud-analytics.html
- Learning Journey videos : <a href="https://help.sap.com/learning-journeys/500292207a261014b467ddb396b66331">https://help.sap.com/learning-journeys/500292207a261014b467ddb396b66331</a>

• E-Learning : <a href="https://learning.sap.com/learning-journey/exploring-sap-analytics-cloud">https://learning.sap.com/learning-journey/exploring-sap-analytics-cloud</a>

#### **Key Points to Take Home**

- SAP Analytics Cloud is THE go-to SAP solution for all BI and Planning usecases.
- Can be leveraged on top of any database.
- Strong predefined content on top of SAP BW, S/4 and Datasphere sources
- SAP offers continuous innovations on the product.
- Most features will be Gen-AI led by the end of 2024

#### **Thank You! Questions?**

Florian Hamon

Director, SAP Center of Excellence for Data and Analytics

Please remember to complete your session evaluation.



### **SAP**insider







#### SAPinsider.org

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