



SAP Analytics

Self-Service Analytics

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PUBLIC

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Self Service Analytics Transformation

Old World

- Business vs IT
- Agile but ungoverned
- Governed but slow

6 months to add a field to a report

Same reports with different numbers



New World

- Business AND IT
- Agile with direct access to live, governed data
- New collaborative workflows: rapid prototyping, organic promotion of content

Technology that moves as fast as the business

Surface all valuable data to business users

No false choice between governance and agility

Enabler of business transformation

SAP Analytics Portfolio



LEAD THE CLOUD

Deliver new analytics capabilities, built natively on SAP CP

Interoperability and Support for Hybrid Scenarios



INNOVATE THE CORE

Modern, at scale on-premise deployments

SAP BusinessObjects Roambi

SAP Digital Boardroom

SAP Analytics Cloud

All analytics capabilities
in one product

Consumer-grade user
experience

Embedded and
standalone

High-performance,
real-time platform

Software-as-a-service in the public cloud

SAP BusinessObjects Enterprise

BI

- SAP BusinessObjects BI 4.2, Mobile BI
- Lumira (Design Studio), Analysis for Office, Webi, Crystal Reports

Planning

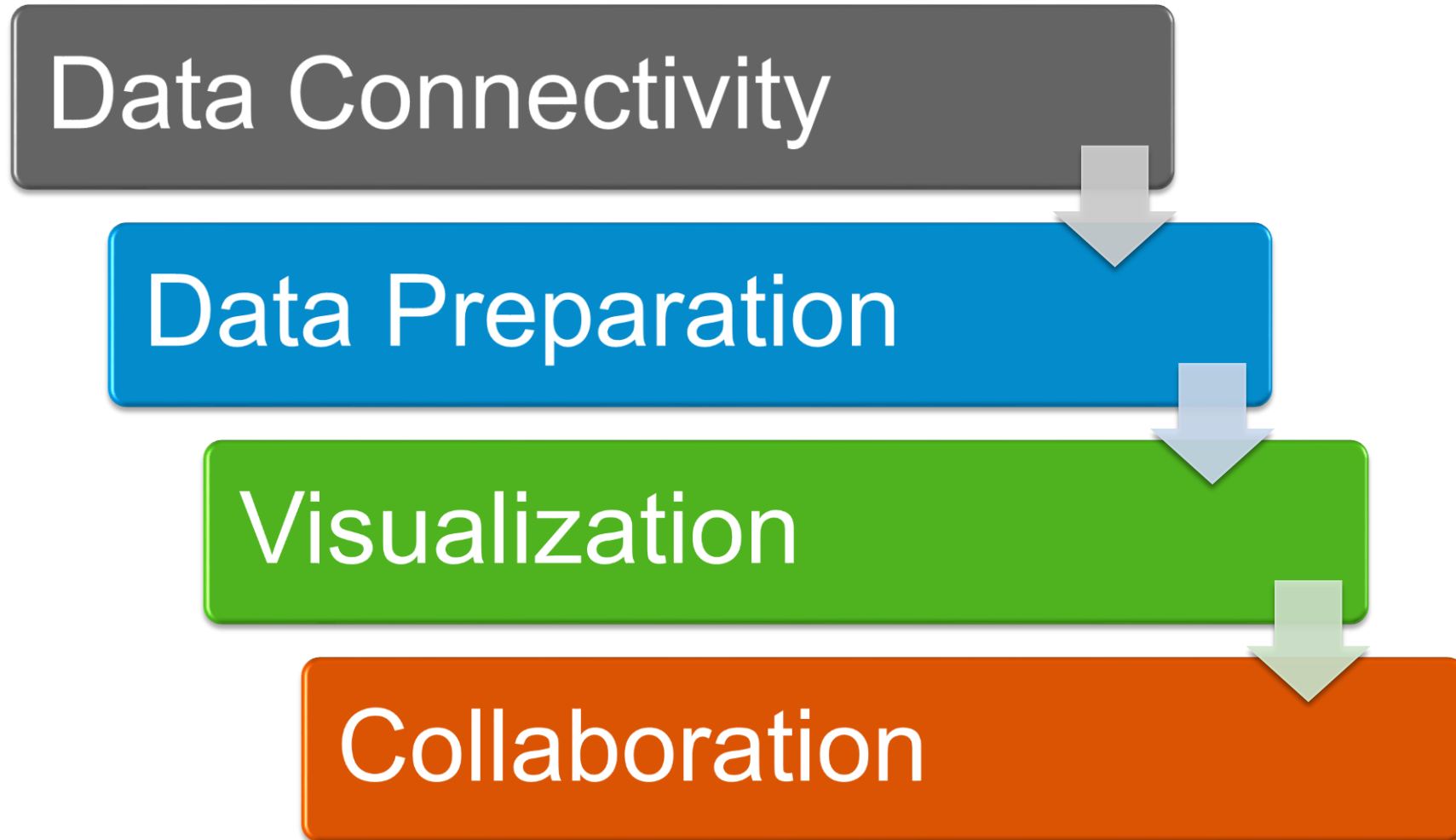
- SAP BusinessObjects Planning and Consolidation
+ *other solutions*

Predictive

- SAP BusinessObjects Predictive Analytics

On-premise and/or private cloud deployment options

Self Service



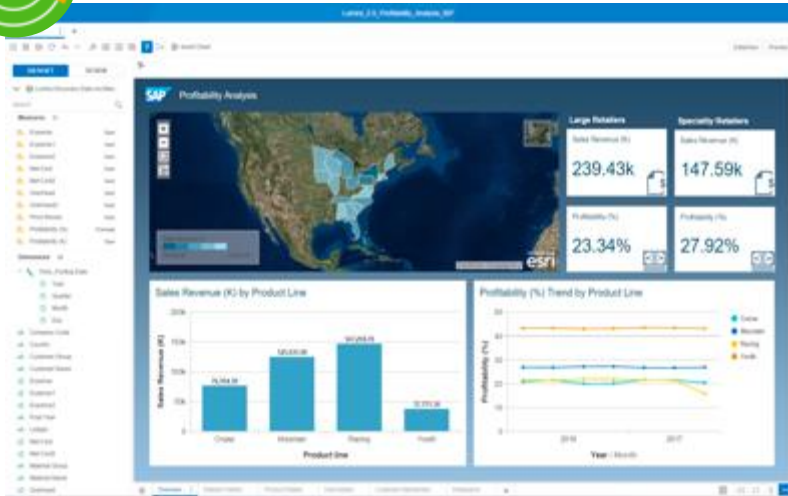
SAP Lumira



Bridging business users and power users



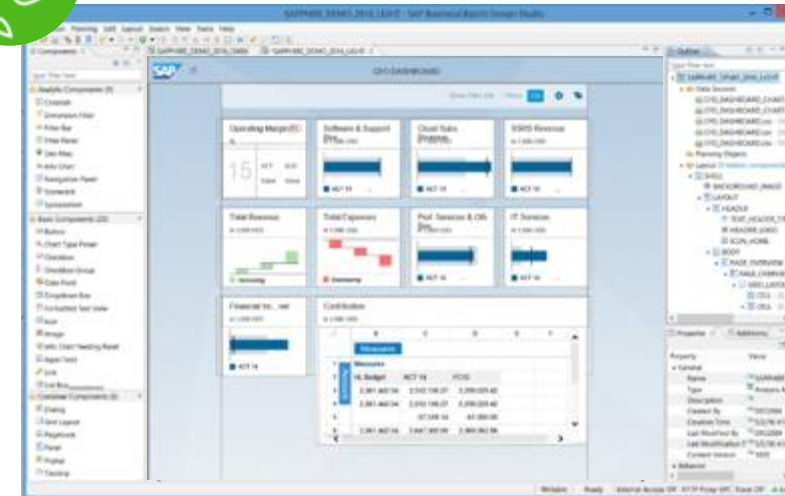
discovery component



...for the casual user persona



designer component



...for the power user persona



One runtime engine, one file format

Enables rapid prototyping by the business to deliver formal dashboard projects

Enables rapid polishing and promotion of organically generated visualizations

Optimized access to governed data



SAP BW



Universe



SAP HANA

SAP BusinessObjects BI Platform

Live access with high fidelity

No shadow IT

No duplicate extracts with different numbers

Focus on business transformation not data extraction

Simplified user experience

Home Screen

- All data sources and documents in one screen

Application

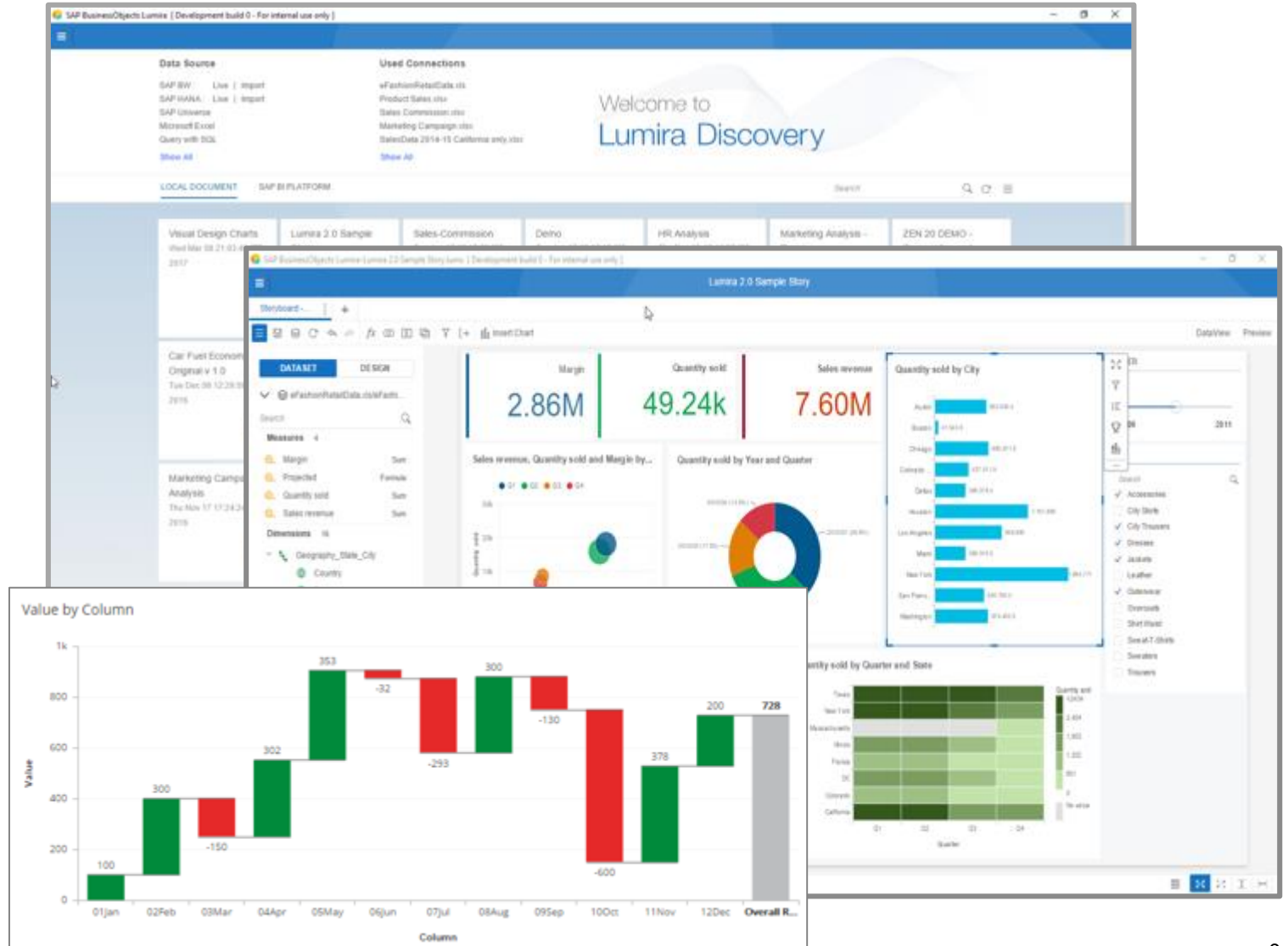
- Single canvas for working on a single visualization, or composing a story

Input Controls

- Improved look and feel, new controls

Improved visualizations

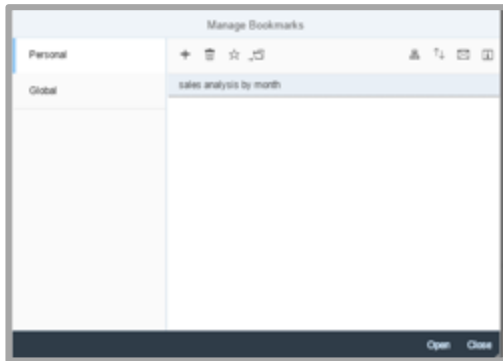
- Smarter defaults, bolder colors, more customization options



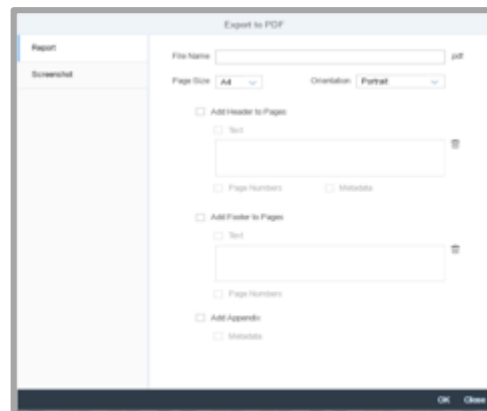
Designer: Updated generic analysis template

Enhanced with new functionality

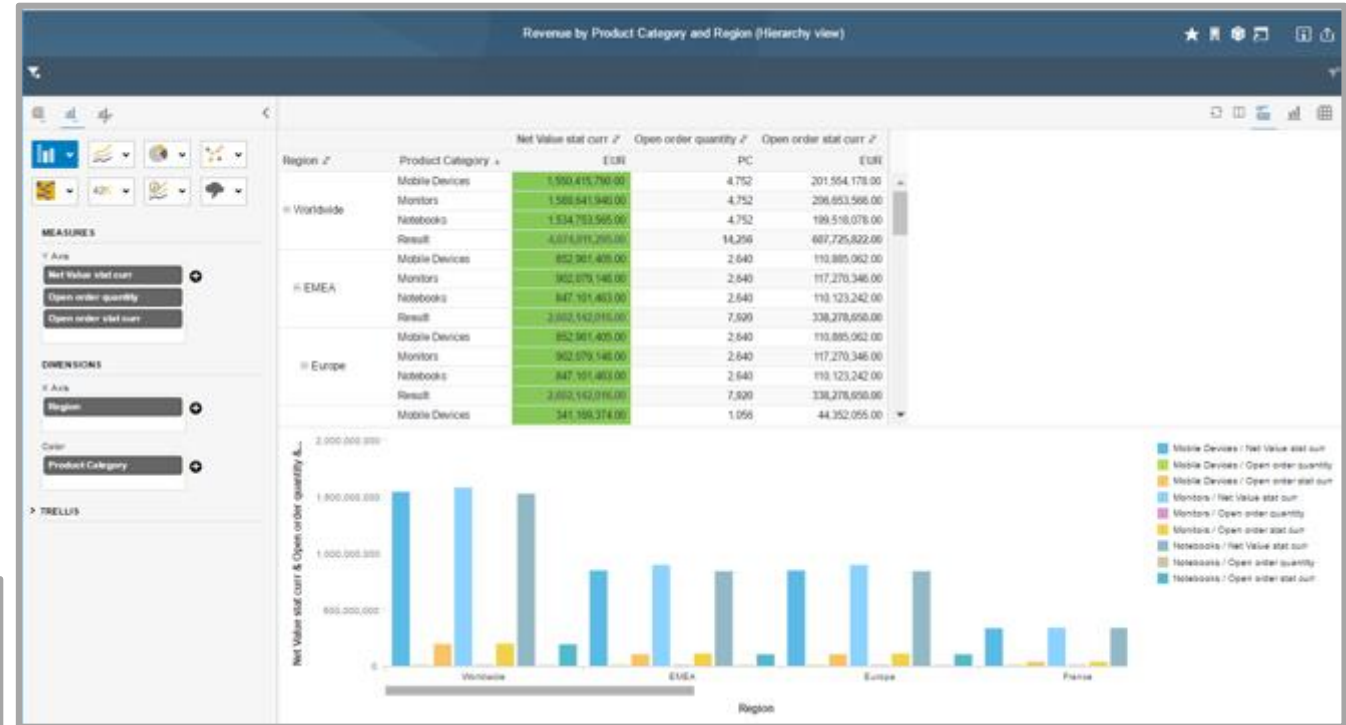
- Bookmark
- Export to PDF
- Conditional Formatting,
- Export to Analysis Office
- Filter Line or Filter Bar option through global variables
- Chart feeding panel and chart properties
- Flexible layout option through new API Move Components



Bookmark Dialog



Export to PDF Dialog



SAP Lumira 2.0

Where to get more information



SAP Lumira 2.0 Blog Series

On-going blog series from contributing authors and industry experts

<https://blogs.sap.com/2017/04/18/whats-new-with-sap-businessobjects-lumira-2.0-launch-blog-series/>



SAP Lumira 2.0 Preview Webinar

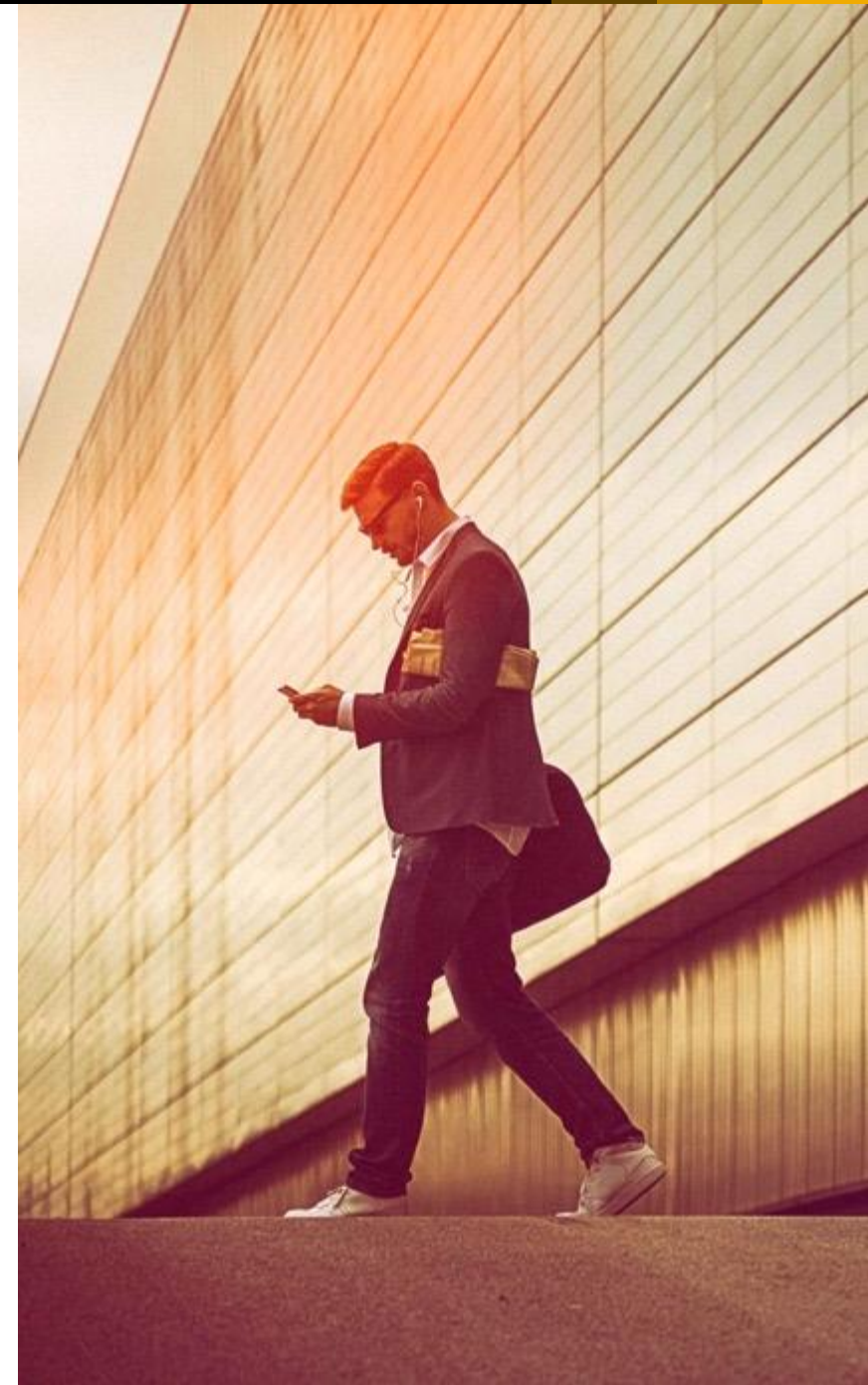
Recorded presentation from the Product Management team

<https://sapnaevent.adobeconnect.com/p1v23743ks4/?launcher=false&fcsContent=true&pbMode=normal>



Register for SAP Lumira 2.0 Newsletter

<http://info.sapdigital.com/LUM-NSLTR-REG.html>



SAP Analytics Cloud

SaaS

The paradigm for software delivery.

Unified

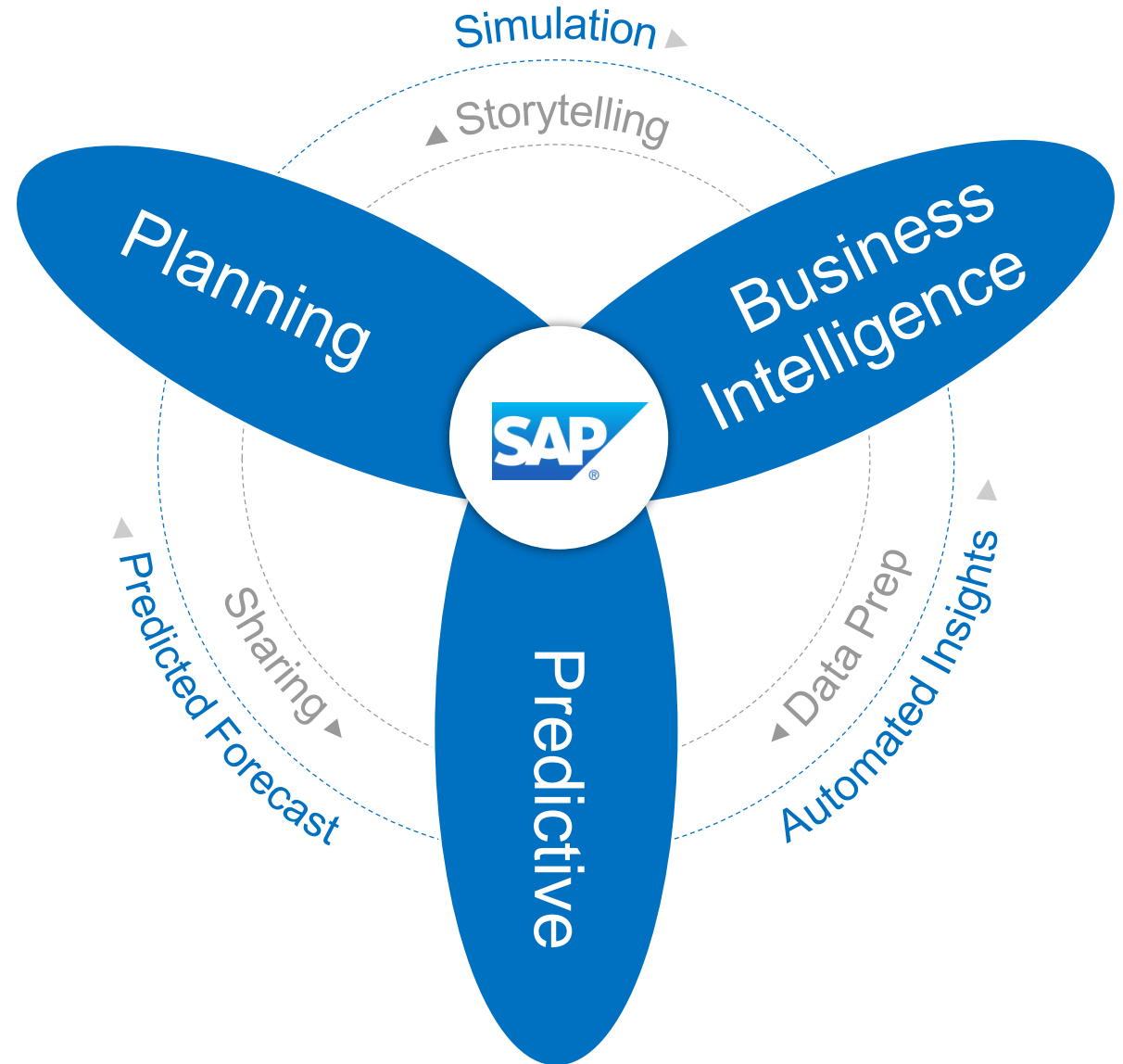
BI, Predictive & Planning in on service.

Connected

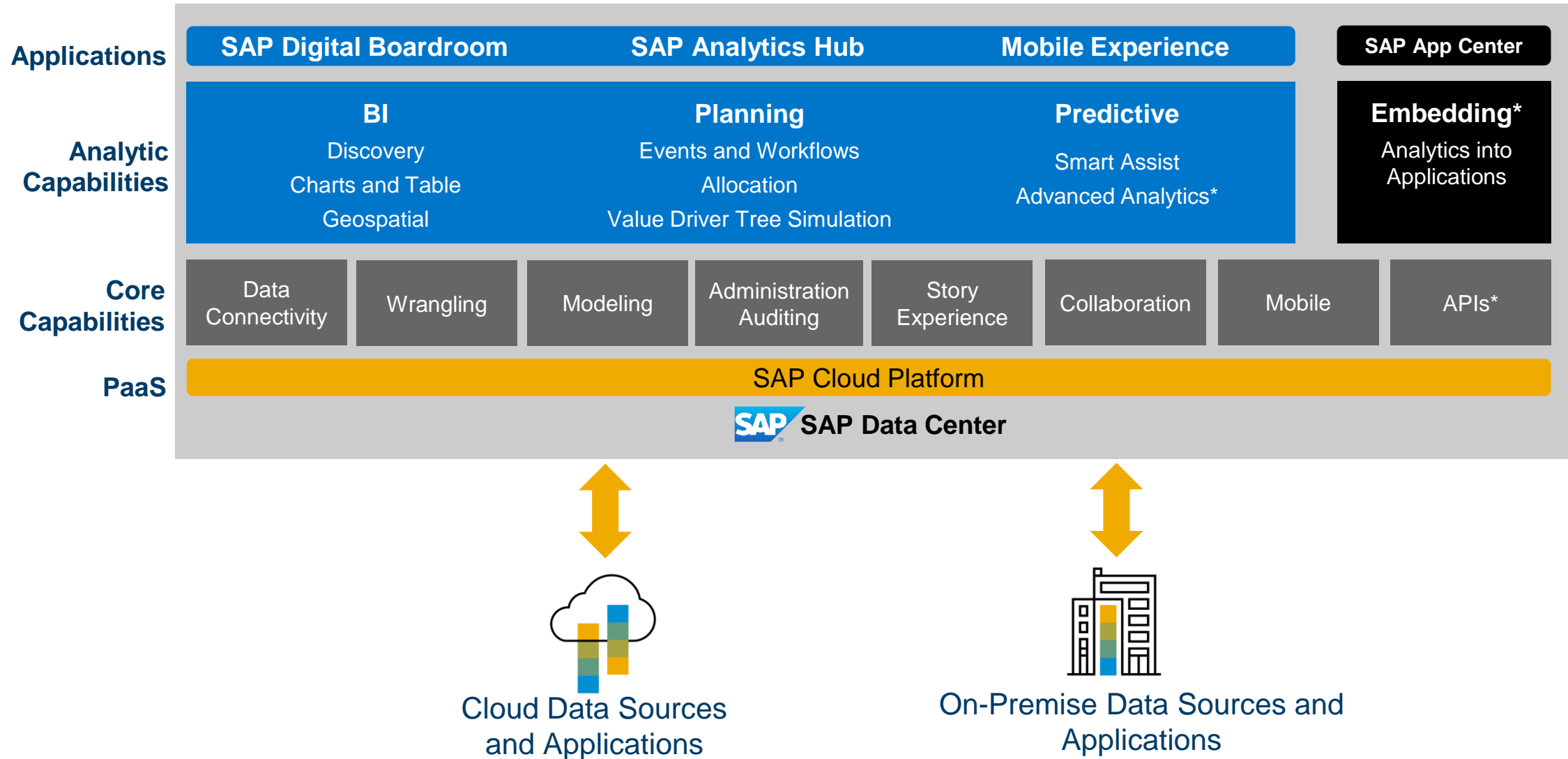
Live Connectivity enables SaaS for everyone.

Digital Boardroom

Enterprise-wide scenarios covering full performance cycle.



SAP Analytics Cloud SaaS Platform

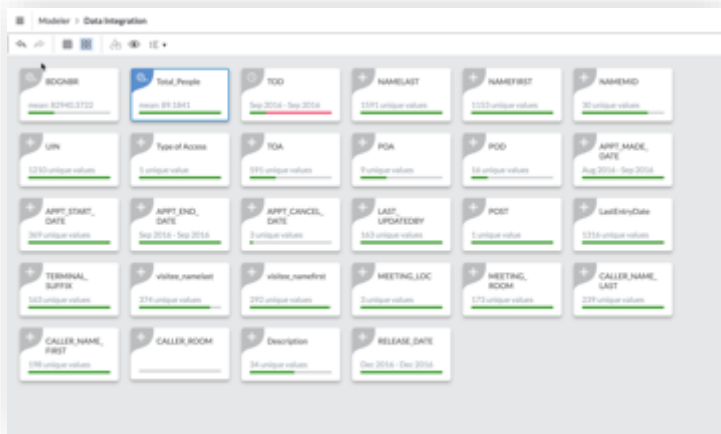


*planned functionality.

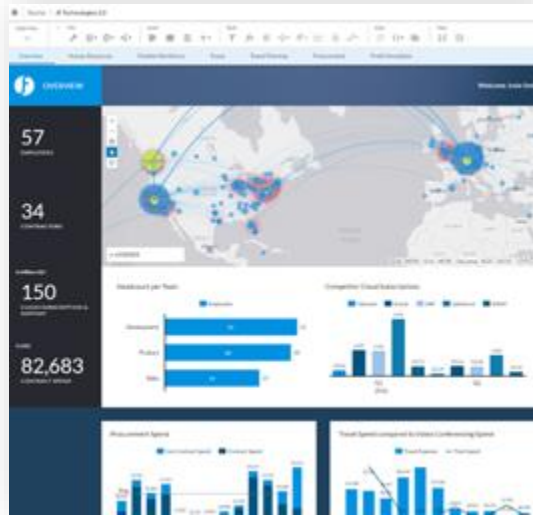
SAP Analytics Cloud for business intelligence

Core workflow

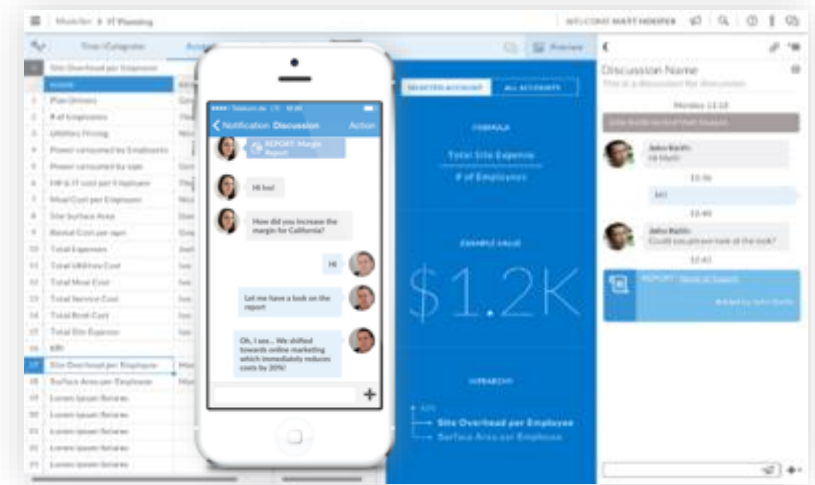
Connect and Prepare your Data



Visualize and build your own Views



Share with your team



- Prepare and model cloud and on-premise data from your browser
- Support data connectors from SAP (BW, HANA, SAP Cloud Platform, Universes) and non-SAP sources
- Support Linking Aggregated Data
- Cross dataset calculations

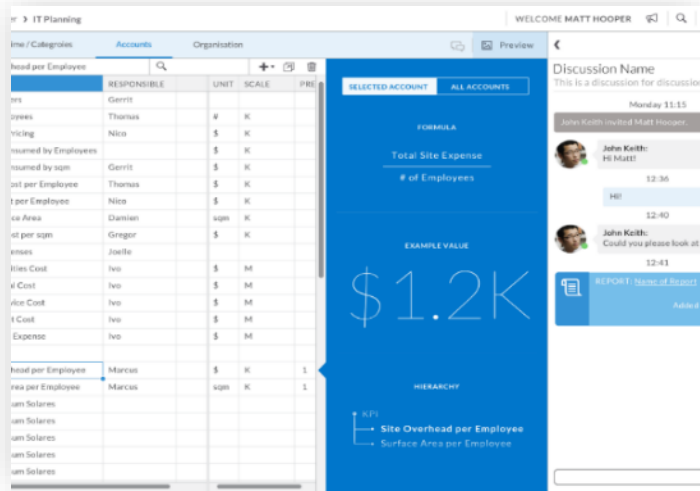
- Design, Visualize, and create your stories online
- Add simple location analytics into your visualizations
- Personalize your own dashboard views

- Simply Collaborate with your team
- Take action on your data
- Use permissions to control who can view and edit your analytics

SAP Analytics Cloud for Planning

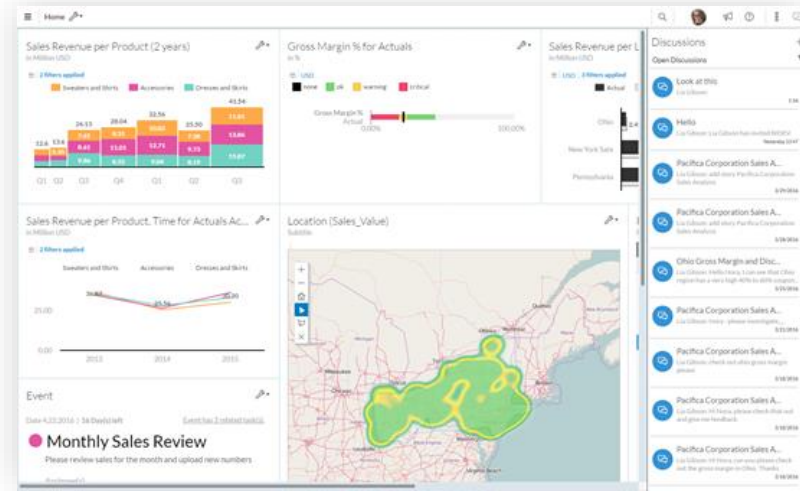
Core workflow

Simplify



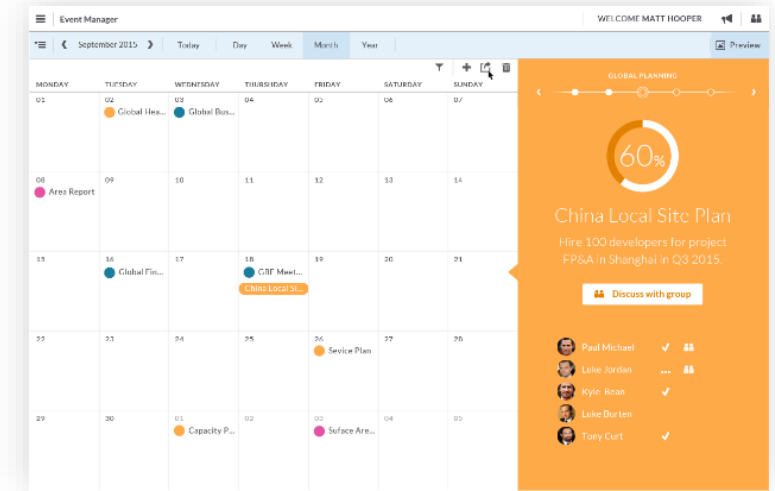
- Simply create and modify calculations and planning models and on the fly
- Take action anytime, anywhere on the desktop or on the go
- Align plans across Finance and business units with direct integration into SAP Business Planning and Consolidation

Experience



- Analyze, plan and visualize in the same application
- Personalize your KPIs, dashboard, processes and stories
- Collaborate in-context of your plan and make faster decisions

Trust

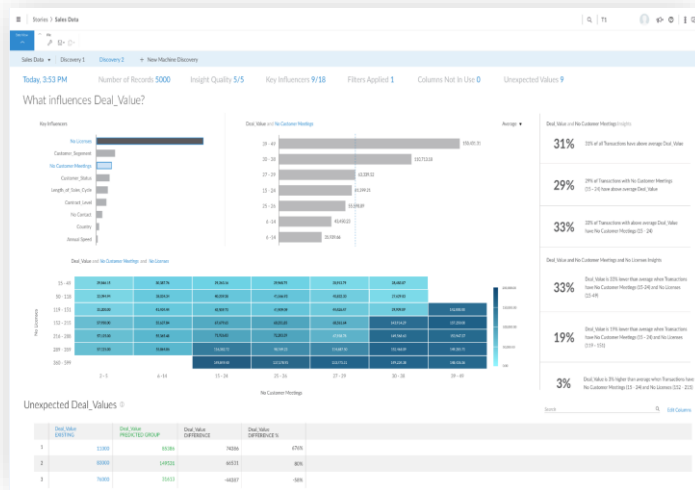


- Enjoy a new generation of planning in the cloud with a modern look and feel
- Plan and simulate at any level of detail, with any number of users, at any time
- Drive high performance planning and forecasting process with the SAP Cloud Platform

SAP Analytics Cloud

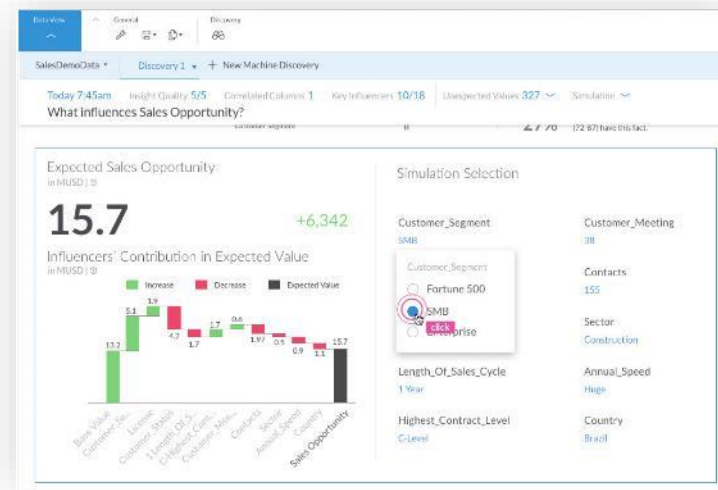
Core workflow - smart assist

Smart discoveries



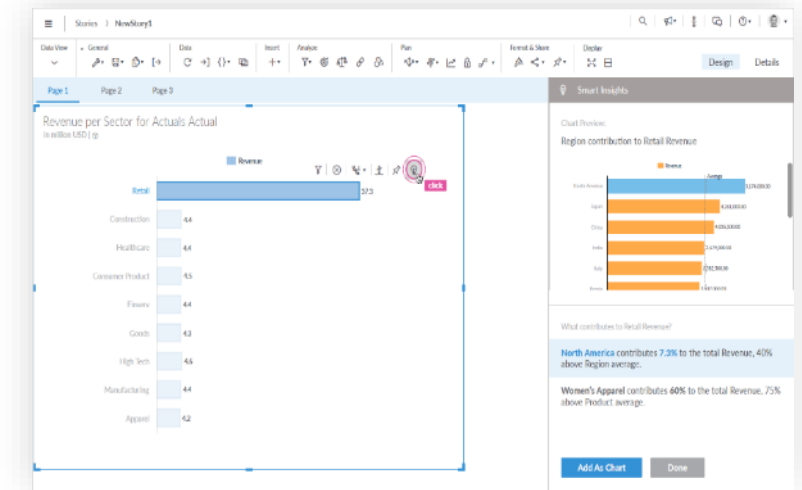
- Understand the main business drivers behind your core KPIs, such as revenue, churn, and productivity – powered by Machine Learning
- Interact with insights and explore hidden structures and relationships
- Find the answer to business questions through intuitive charts and natural language

Smart discoveries - simulation



- Simulate possible outcomes based on your business scenarios
- Predict the outcome of a particular KPI or record value based on historical data
- Experiment to see how particular dimension values or KPI values will affect the outcome, e.g. your sales opportunity

Smart insights



- Quickly develop a clear understanding of intricate aspects of your business data
- Click on a data point to get smart textual and visual insights
- Example: Want to know more about your *Revenue* in the *Retail Sector*? Smart Insights panel offers an explanation

Predictive in SAP Analytics Cloud

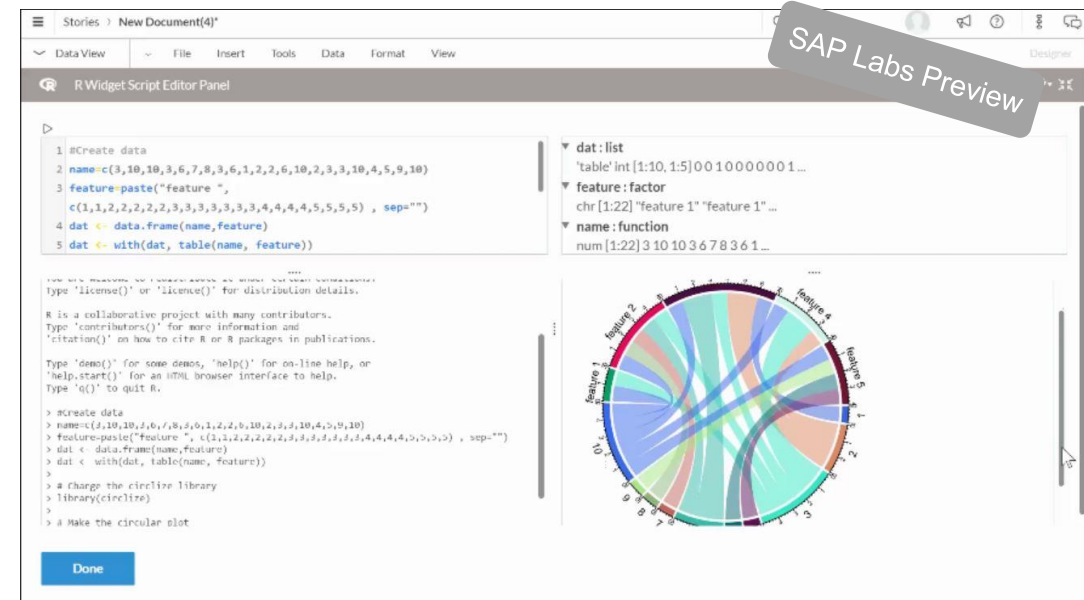
R for business users

R for Business Users:

- **Insert** R-visualizations into your story
- **Interact** with R-visualizations using controls, such as filters
- **Share** stories, that include R-visualizations, with other users
- Visualizations remain interactive and consider row-level security of users
- This is NOT at Data Science solution...that's coming later...

What is R?

- Open-source programming language
- Includes packages for:
 - advanced visualizations
 - Statistics
 - Machine Learning...and much more



Predictive in SAP Analytics Cloud

R for business users

Using R with SAP BusinessObjects Cloud

<https://help.sap.com/http.svc/rc/00f68c2e08b941f081002fd3691d86a7/release/en-US/8d589100aea341a58a5c0916bbef022b.html>

Adding R Visualizations to Stories

<https://help.sap.com/http.svc/rc/00f68c2e08b941f081002fd3691d86a7/release/en-US/ee92188402b64555a78f32139ad283a6.html>

Connecting to an R environment

<https://help.sap.com/http.svc/rc/00f68c2e08b941f081002fd3691d86a7/release/en-US/da0970e27ed44ebb8f684d1f1b0002ca.html>

Best practices for connecting and running your R environment

https://help.sap.com/doc/ba23463df44849efbfc862169069d63/release/en-US/BOC-R-integration_g.pdf

How to Leverage R Visualization Feature in SAP Analytics Cloud to Achieve Your Data Analysis Goal

<https://blogs.sap.com/2017/05/26/hands-onhow-to-leverage-r-visualization-feature-in-sap-analytics-cloud-to-achieve-your-data-analysis-goal/>

SAP Analytics Cloud and Digital Boardroom

Industry and line of business content

Recent
innovations

Industry and line of business content is available to get companies started with SAP Analytics Cloud.

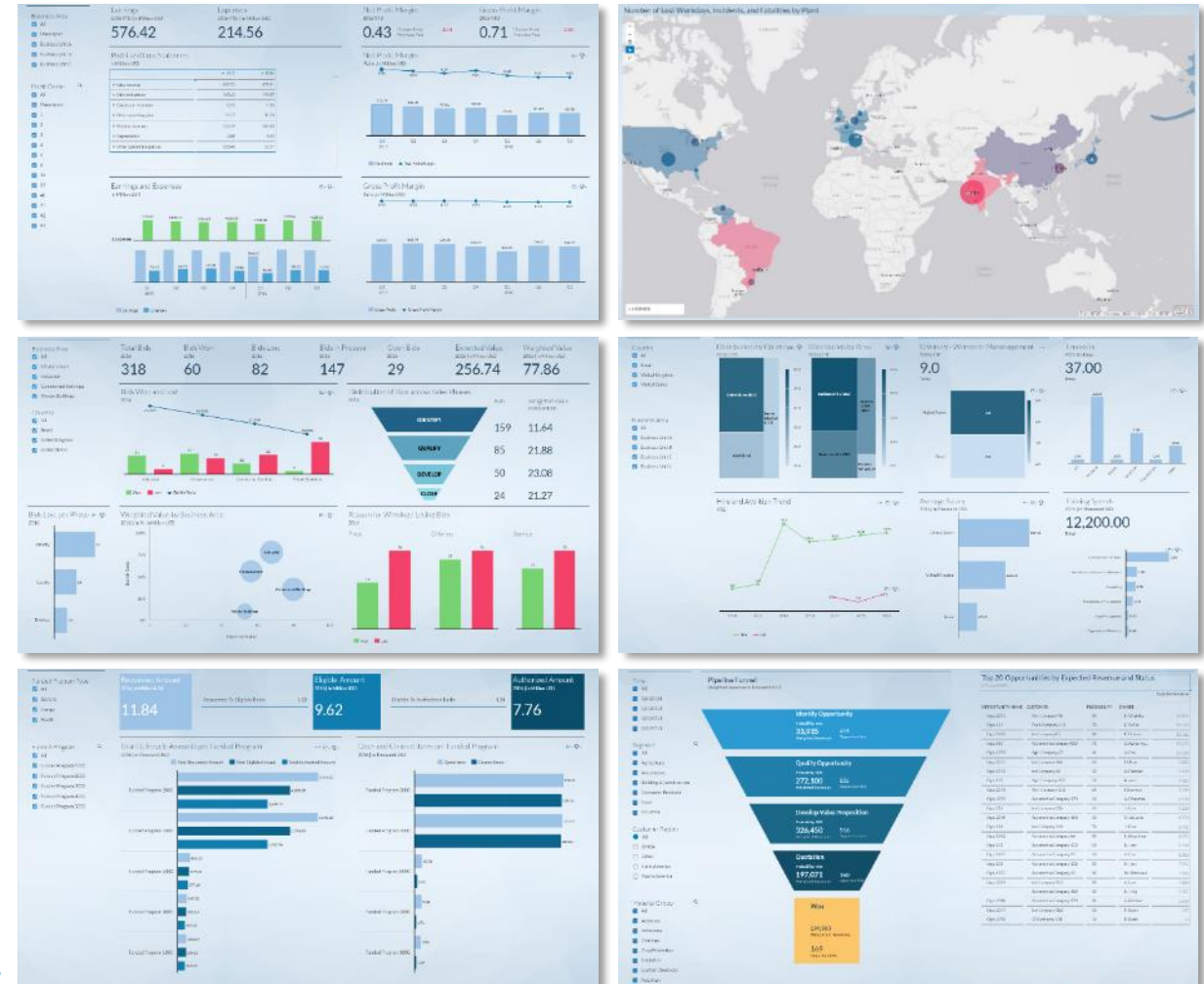
The following content is available free-of-charge for all SAP Analytics Cloud customers:

Lines of business

- Travel & Expense (Concur)
- Environment, Health and Safety
- Vendor Management System (SAP Fieldglass)
- Finance
- Human Resources (SAP SuccessFactors)
- Marketing (Best Practices Package)
- Project and Portfolio Management
- Real Time Finance & Planning (Best Practices Package)
- Test Suite Analysis / IT Service Management Analytics (SAP Solution Manager)

Industries

- Chemicals
- Consumer Products
- Engineering, Construction & Operations
- Public Sector
- Retail (Best Practices Package)

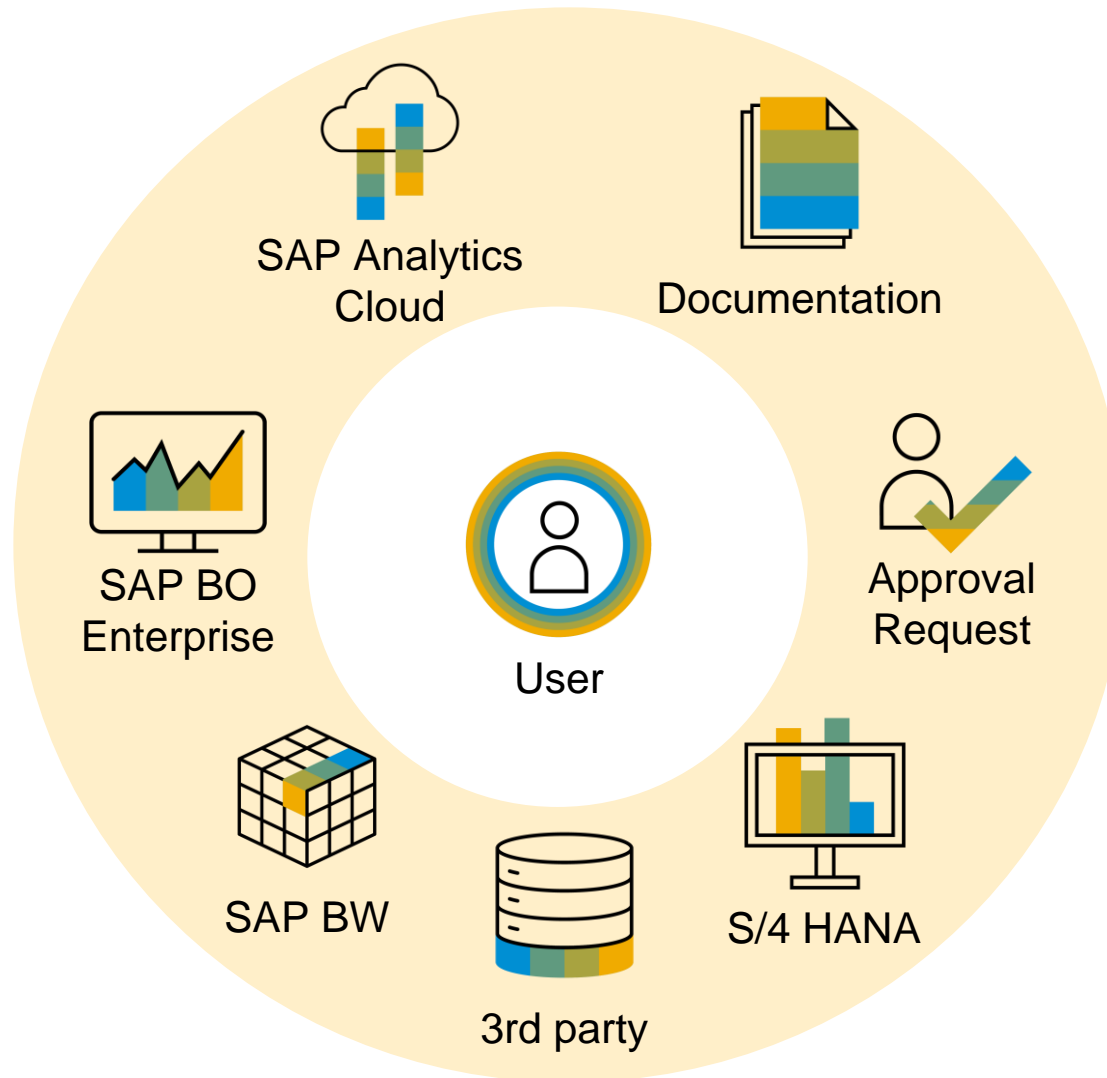


Further information can be found in the following blog:
<https://blogs.sap.com/2016/11/18/sap-businessobjects-cloud-content/>

SAP Analytics Hub



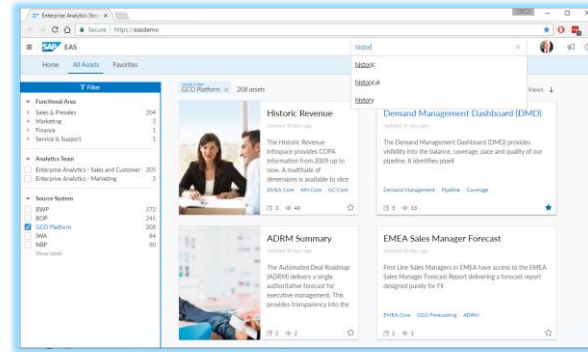
Today's challenges for users



SAP Analytics Hub



User



Share a single access point

- Find all governed analytics
- Search and navigate assets easily
- Match your corporate identity



SAP BW



Approval
Request



SAP Analytics
Cloud



3rd party



SAP
BusinessObjects
Enterprise



Documentation



S/4 HANA

SAP Analytics Hub

Analytics Access – Search and Filter

Facets filtering

Free-text search

The screenshot displays the SAP Analytics Hub interface. At the top, the 'Analytics Hub' header includes navigation links for 'Home', 'All Assets', and 'My Favorites'. A search bar on the right contains the text 'sales', with a dropdown menu showing suggestions: 'sales', 'salesorg', 'salesprogram', 'sales order', and 'stale'. A 'Free-text search' label points to this search bar. On the left, a 'Refine' sidebar allows for faceted filtering. It includes sections for 'Functional Area' (Sales & Presales: 550, Finance: 237, Service & Support: 148, Development: 116, Information Technology: 85), 'Analytics Team' (Enterprise Analytics - Sales and Customer: 410, Enterprise Analytics - PI&D: 243, Global Controlling: 166, Services - Enterprise Analytics: 63, Enterprise Analytics - Marketing: 58), and 'Source System' (BWP: 372, BOP: 245, GCO Platform: 208, IWA: 84, NBP: 80). The main content area features three asset cards. The first card, 'New&Upsell Bookings by GPO ACT/BUD/...', includes a thumbnail of an airport terminal, a description of a BW report, and a line chart. The second card, 'JF Technologies', features a map and bar charts. The third card, 'Business Function Reports - SAP Business...', includes a text description and a bar chart. Each card shows engagement metrics like views and likes.

Analytics Hub

Home All Assets My Favorites

Refine

Functional Area

- Sales & Presales 550
- Finance 237
- Service & Support 148
- Development 116
- Information Technology 85

Show more

Analytics Team

- Enterprise Analytics - Sales and Customer 410
- Enterprise Analytics - PI&D 243
- Global Controlling 166
- Services - Enterprise Analytics 63
- Enterprise Analytics - Marketing 58

Show more

Source System

- BWP 372
- BOP 245
- GCO Platform 208
- IWA 84
- NBP 80

Show more

Free-text search

sales

salesorg

salesprogram

sales order

stale

Did you mean...

related tickets allowing drilldowns per delivery organization (MCD,Premium BOC · Backlog · Incidents)

New&Upsell Bookings by GPO ACT/BUD/...

Updated 3 days ago

This BW report shows the GPO Cloud Bookings Forecast and Budget against Actuals along Internal Sales Segment and GPO Indicator dimensions. I

ACV · New&Upsell · ARR

JF Technologies

Updated today

Overview, Travel, Profit Simulations

BOC · Customers

Business Function Reports - SAP Business...

Updated 3 days ago

Reporting about activated and not activated Business functions 1. Business function reporting: This report shows the usage of Business Funct

Customer Usage Measurement

Analytics Access – Asset Contents

SAP Analytics Hub

HomeAll AssetsMy Favorites

PICKED FOR YOU

JF Technologies 3.0

Updated 46 days ago

JF Technologies is a fictitious tech company based in Vancouver, Canada.

hana · bi · planning

3154

MOST VIEWED

JF Technologies 3.0

Updated 46 days ago

JF Technologies is a fictitious tech company based in Vancouver, Canada.

hana · bi · planning

3154

JF Technologies 3.0

OverviewLaunchpadsIndustryLanguageRoleDescriptionPublish

Updated 46 days ago154

JF Technologies is a fictitious tech company based in Vancouver, Canada.

ANALYTICSBusiness Intelligence, EPM

LINKS (3)

URL FOR NA DIBO

URL FOR EMEA DIBO

MOBILE VERSION

Click blue “Link” button to open the analytic

OVERVIEW

Profitability per Region

2022 Profit Planner

181.2 (+6.4%)

UTZ Sales Revenue

209.2 (+7.2%)

UTZ Total Costs

7.0 (-5.3%)

UTZ Net Costs

59.8 (-2.5%)

World Map

Weather: 23°

Headboard Car Type

Top Quality Expenses

Profitability Forecast

181

81

45

Powerful for IT and easy for the business

Share a single access point

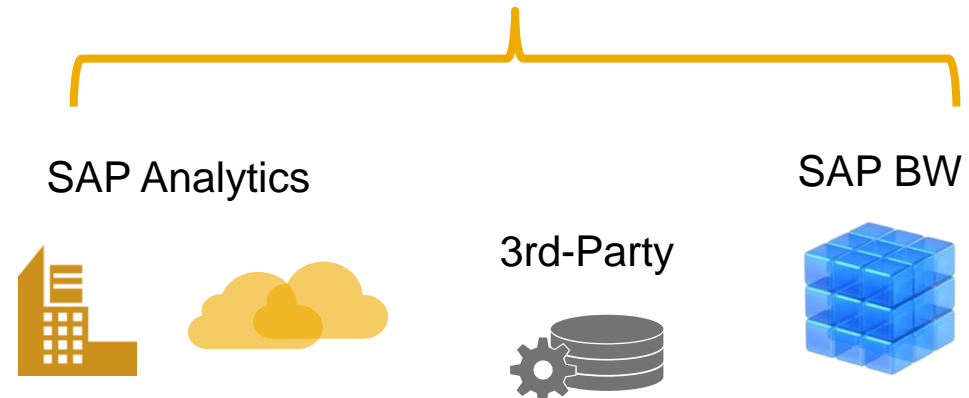
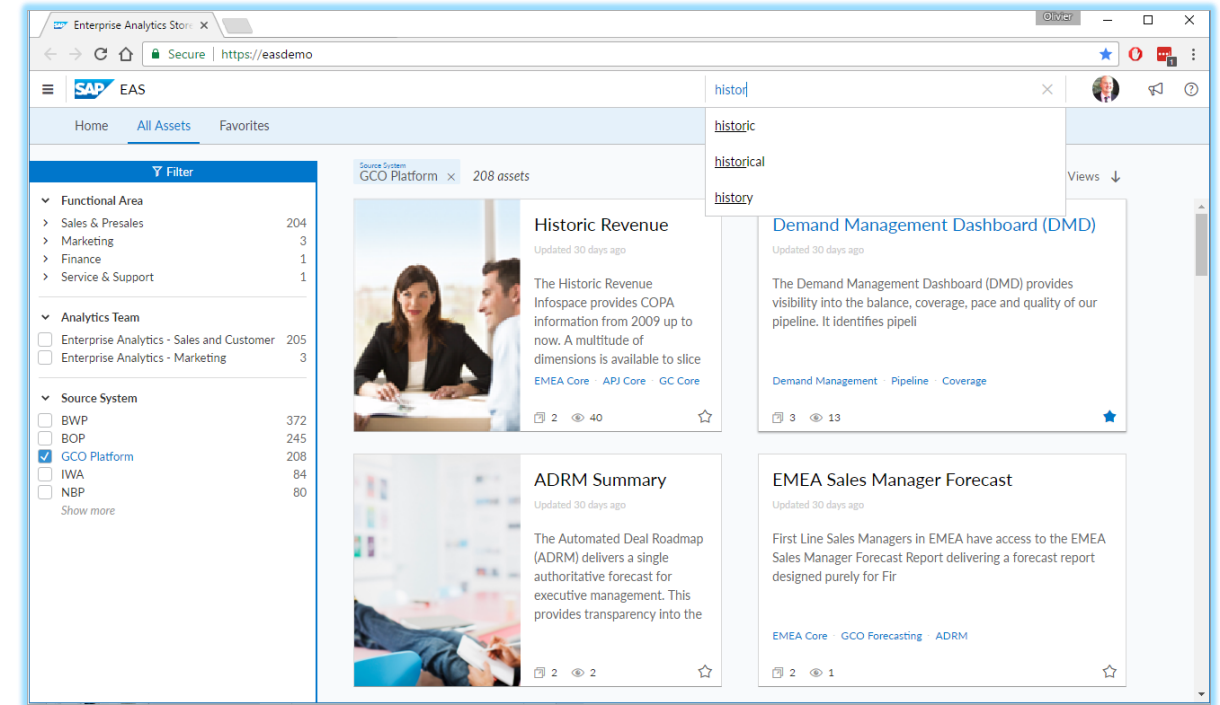
- Find all governed analytics
- Search and navigate assets easily
- Match your corporate identity

Build a vibrant community

- Power users publish assets and enrich metadata
- End users share comments and request changes
- All users engage in the community based on roles

Augment value with machine learning

- Audit usage, build lineage, and mine metadata and text annotations
- Make intelligent recommendations on best content to consume next
- Provide consolidated insights on adoption and alert IT for potential outages



SAP runs SAP Analytics Hub



48%

Less time and effort
Content maintenance for report owner



One-Stop Shop



Single source of truth for analytical content – repository for each kind of reporting

36,000+
Potential Users



Access

From anywhere
Desktop, Laptop and
Mobile Devices.



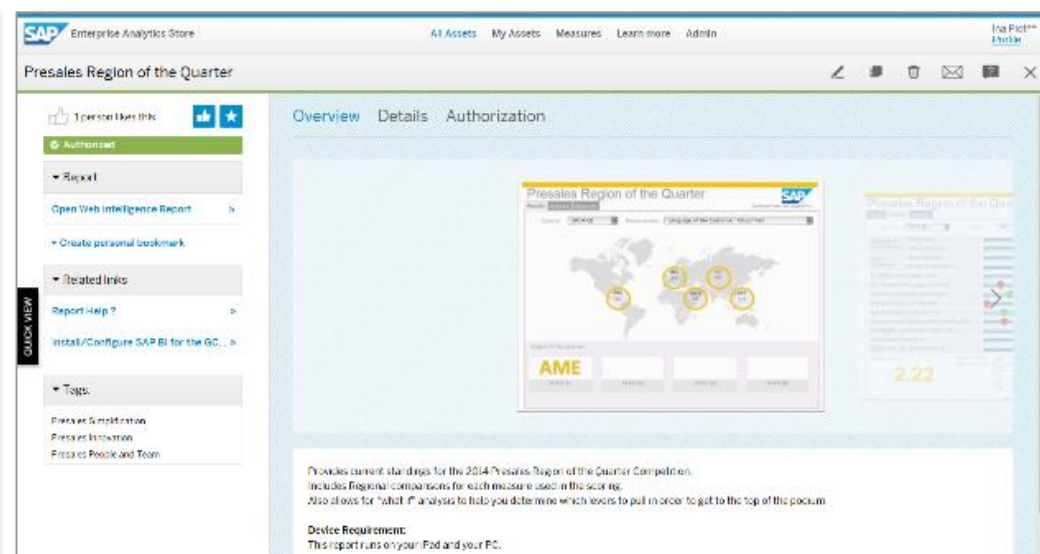
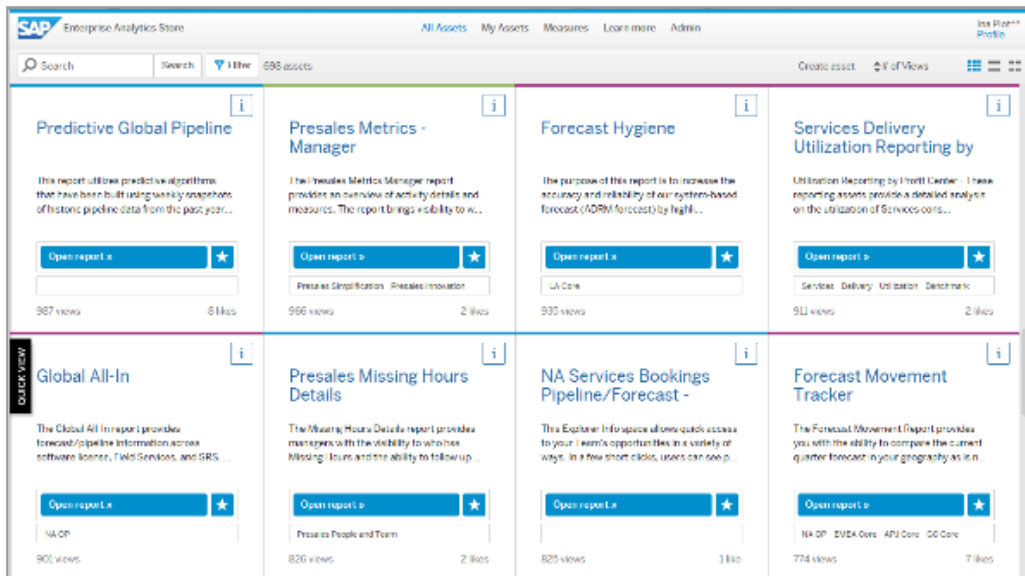
Search

Type-ahead search and fuzzy search



85%

Less time and effort
Search activities of
analytical consumers



Innovate without constraints

With agile analytics that are secure and scale to all lines of business

Business

Agile
Collaborative
Self-Service



IT

Consistent
Accurate
Secure



With SAP we can scale self-service analytics to all lines of business; reducing IT dependence and increasing usage by 300%.

Anders Reinhardt, Velux

Thank you.

Contact information:

Alexander Klein

Senior Solution Advisor Analytics

Alexander.Klein@sap.com

