



# **SAP Analytics Cloud**

## **[Session A1]**

Referent: Alexander Pröm

Zürich, 11. September 2018



## Agenda

- › SAP & Cloud
- › Einführung SAP Analytics Cloud
- › Datenquellen
- › Modellierung
- › Visualisierung
- › Smart-Features
- › Kollaboration
- › Zukunft(?)

**SAP & Cloud**



## Rückblick

- 2010: SAP BI OnDemand
- 2012: SAP NetWeaver Cloud
- 2013: SAP HANA Cloud Platform & Lumira Cloud
- 2014: SAP Cloud for Planning & Projekt Orca (Vorgänger zu C4A)
- 2015: SAP Cloud for Analytics (C4A)
- 2016: SAP BusinessObjects Cloud
- 2017: SAP Cloud Platform & SAP Analytics Cloud

**«We will be THE  
number one cloud company in the world»**

Bill McDermott, CEO SAP (2014)

# «It's a HANA World»

Bill McDermott, CEO SAP (2014)

2018 ?

# Die “totale” Cloud?





## 2018 – der nächste Schritt ist ein Hybrid Scenario

### Hybrid Vision



A seamless experience so that business users do not have to think about where data content is residing

- **Leverage live on-premise data sources**
  - SAP BusinessObjects Universes and data sets
  - SAP BW 7.4, SAP S/4HANA, SAP BW/4HANA SP4
- **Integrate data from cloud applications**
  - SAP SuccessFactors Workforce Analytics
  - SAP Ariba, Google BigQuery

**Hybrid**

- Flexible deployment
- Seamless experience
- Increased integration

**Share resources between on-premise and cloud deployments**

- Tools, visualizations, security/administration, distribution

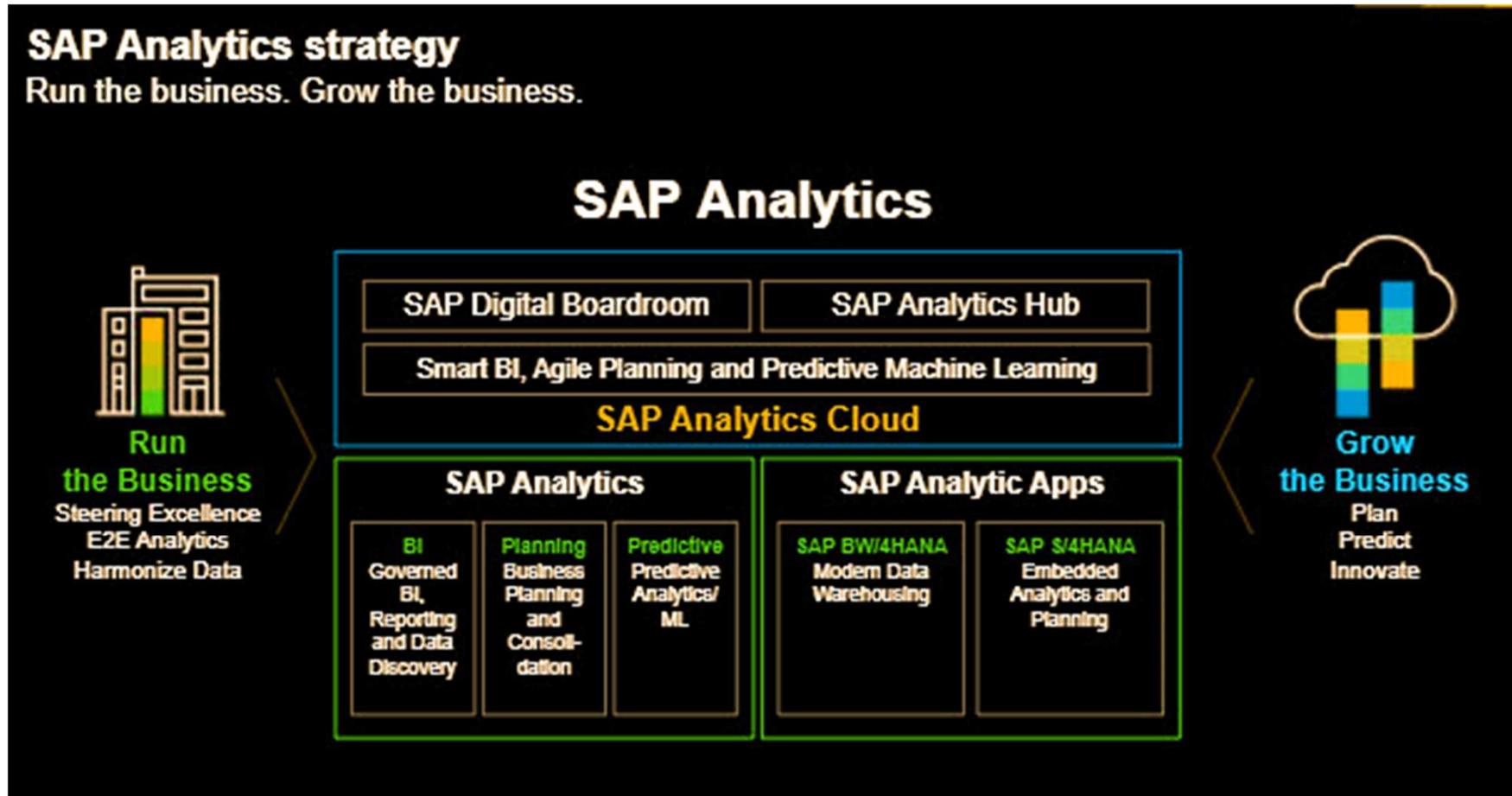
Provide a consistent, modern user experience

Ease the journey from on-premise deployments by extending or expanding into a complimentary cloud strategy with minimal disruption

**SAP BusinessObjects BI and SAP Analytics Cloud – “Better Together”**

Quelle: Tammy Powlas, SAP Mentor – [blogs.sap.com](https://blogs.sap.com) (15.02.2018)

## 2018 – der nächste Schritt ist ein Hybrid Szenario



Quelle: Tammy Powlas, SAP Mentor – blogs.sap.com (15.02.2018)

## Einführung SAP Analytics Cloud



Was ist SAC?

**SAP Analytics Cloud is a single cloud solution for Business Intelligence and organizational planning, enhanced with the power of predictive analytics and machine learning technology.**

Was kann SAC?

SAP Analytics Cloud brings together **data access, wrangling, discovery, visualization, analysis, prediction, forecasting, planning & what-if, all augmented by AI and Machine Learning.**

## Feature-Übersicht

- Webbasiert – Fiori Style – HTML5
- Optimiert für Google Chrome Desktop (Limitierte Funktionalität in IE11, Edge, Firefox und mobile Browser)
- Release Zyklus (ca.) alle 14 Tage
- Mobile: SAC-App auf iOS
- Modellierung – Visualisierung – Administration – Kollaboration – alles in einem Tool
- Office-Integration: Analysis for Office / Live Office
- Blogs, Guided Playlists, Videos, Webinars, Release Notes – alles öffentlich zugänglich
- Schnell wachsender Bedarf: ~ 800 Improvement Requests (Stand 01.09.18)

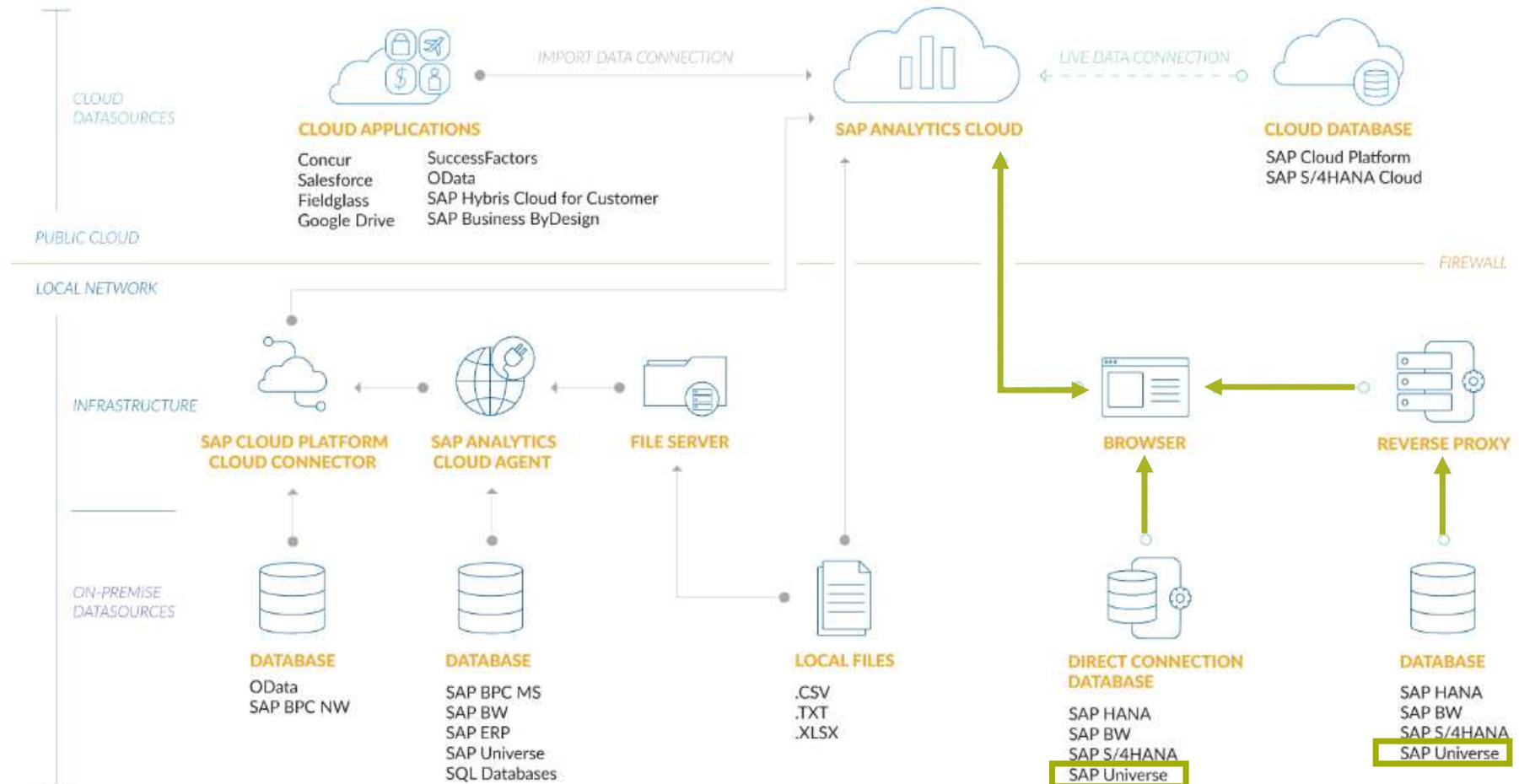
## Datenquellen



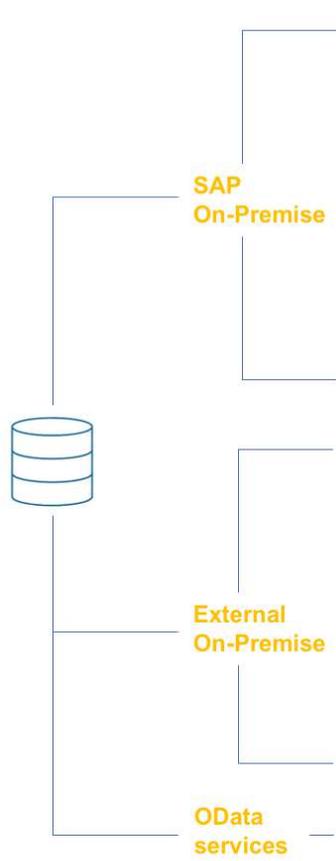
## Connections

- Import Data Connection
  - Für Cloud- und OnPremis-Daten
  - Datenreplikation in SAC
  - Neue Datenmodelle mit SAC erstellen
  - Zeitgesteuerter Datenimport
  
- Live Data Connection
  - Für Cloud- und OnPremis-Daten
  - Keine Datenreplikation in SAC
  - Verwendung der bestehenden Datenmodelle / Query-Editor
  - Real-Time Refresh der Daten in Stories

# SAP\* Analytics Cloud Data Connections Environment



# SAP® Analytics Cloud Import Data Connection Matrix



		Prerequisites	SAP Cloud Platform Cloud Connector	SAP Analytics Cloud Agent	SAP Jco (Java Connector)	DB specific requirements
SAP Business Warehouse (BW)		<ul style="list-style-type: none"> <li>7.3x or higher</li> <li>SAP BW/4HANA SP4 (SAP Note 2440670 for SP4)</li> </ul>	✓	✓	✓	
SAP BusinessObjects Business Intelligence platform (UNX)		<ul style="list-style-type: none"> <li>4.1 SP05 or higher SP</li> <li>4.2 up to 4.2 SP04</li> </ul>	✓	✓	✗	
SAP BPC	SAP Business Planning and Consolidation (BPC) for Microsoft Platform	<ul style="list-style-type: none"> <li>10.0 SP12 or higher</li> <li>10.1 SP2 or higher</li> </ul>	✓	✓	✗	
	SAP Business Planning and Consolidation (BPC) for SAP NetWeaver	<ul style="list-style-type: none"> <li>10.0 SP12 or higher</li> <li>10.1 SP2 or higher</li> </ul>	✓	✗	✗	
SAP Enterprise Resource Planning (ERP)		<ul style="list-style-type: none"> <li>6.0 EHP 07 SPS 04</li> </ul>	✓	✓	✓	Installation of SAP GUI if connecting to Message Server
SQL Databases		<ul style="list-style-type: none"> <li>IBM Puredata (Netezza) Service 7</li> <li>IBM DB2 9.7 and later</li> <li>IBM DB2 10.5.7 and later</li> <li>Microsoft SQL Server 2008</li> <li>Microsoft SQL Server 2012</li> <li>Microsoft SQL Server 2014</li> <li>MySQL 5</li> <li>Oracle 11</li> <li>Progress OpenEdge 11</li> <li>Generic JDBC DB's according to our Platform Support Policy</li> </ul>	✓	✓	✗	Installation and configuration of JDBC drivers according to the Database types
File Server		<ul style="list-style-type: none"> <li>Tomcat 7 or higher</li> </ul>	✓	✓	✗	Whitelist.txt to be configured
On-prem and public OData services		<ul style="list-style-type: none"> <li>OData version 2.0 compatible sources</li> </ul>	✓	✗	✗	Mapping of an on-prem OData source in SAP Cloud Connector is required

CONNECTIONS - IMPORT DATA (1/2)

# SAP® Analytics Cloud Import Data Connection Matrix

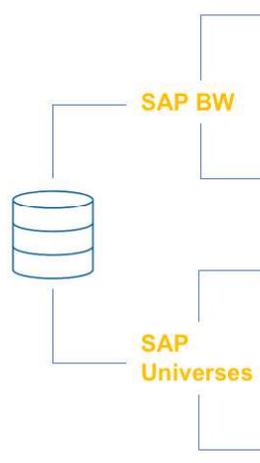
		Prerequisites	SAP Cloud Platform Cloud Connector	SAP Analytics Cloud Agent	SAP Jco (Java Connector)	DB specific requirements
SAP Cloud Apps	SAP SuccessFactors	<ul style="list-style-type: none"> <li>Valid Workforce Analytics account is required</li> </ul>	⊗	⊗	⊗	Registration of an OAuth Client Application is required
	SAP SuccessFactors Workforce Analytics					
	SAP Fieldglass	<ul style="list-style-type: none"> <li>A valid Fieldglass account is required</li> </ul>	⊗	⊗	⊗	
	SAP Concur	<ul style="list-style-type: none"> <li>A valid Concur account is required</li> </ul>	⊗	⊗	⊗	
	SAP Hybris Cloud for Customer	<ul style="list-style-type: none"> <li>Related general OData API is supported</li> </ul>	⊗	⊗	⊗	
	SAP Hybris Cloud for Customer Analytics		⊗	⊗	⊗	
	SAP Business ByDesign Analytics		⊗	⊗	⊗	
External Cloud App	Salesforce.com (SFDC)	<ul style="list-style-type: none"> <li>A valid SalesForce account is needed</li> </ul>	⊗	⊗	⊗	Registration of an OAuth Client Application may be required
	Google Drive	<ul style="list-style-type: none"> <li>Google Sheets, *.csv, *.xlsx files supported</li> </ul>	⊗	⊗	⊗	
	Google BigQuery	<ul style="list-style-type: none"> <li>Google account with BigQuery project is required</li> </ul>	⊗	⊗	⊗	

# SAP® Analytics Cloud Live Data Connection Matrix

		Prerequisites	SAP Info Access Service (InA) exposed	Apache HTTPS Server	Web Dispatcher	Direct CORS configuration	DB specific requirements		
 <b>SAP HANA</b>	Direct Connection	+ Single Sign On (SSO)	<ul style="list-style-type: none"> <li>SAP HANA 1.0 SPS12</li> <li>SAP HANA 2.0 SP01 or newer on-premise, with the SAP HANA EPMMDS plugin installed (SAP Note 2456225 and 2444261)</li> </ul>	SAP HANA InA Service 4.10.0 or above	⊗	⊗	✓		
		+ HANA Username and Password			⊗	⊗	✓		
	Path Connection	via HTTP Server			✓	⊗	⊗		Installation of SAP GUI if connecting to Message Server
		via SAP Web Dispatcher			⊗	✓	⊗		
	SAP Cloud Platform Connection	+ Single Sign On			<ul style="list-style-type: none"> <li>SAP Cloud Platform (SAPCP) system running on SAP HANA SPS10, revision 1.02.2.</li> </ul>	⊗	⊗		⊗
		+ HANA Username and Password				⊗	⊗		⊗
 <b>SAP S/4HANA</b>	On-Premise	via Direct Connection and Single Sign On	<ul style="list-style-type: none"> <li>SAP S/4HANA 1610 with SAP NetWeaver, version 7.52 SP1</li> <li>Additional SAP Note: 2531811</li> </ul>	SAP BW InA Service	⊗	⊗	✓		
		via HTTP Server			<ul style="list-style-type: none"> <li>SAP S/4HANA 1610 with SAP NW release 7.51 SP2 or above</li> </ul>	✓	⊗		⊗
	Cloud Edition	+ Single Sign On	<ul style="list-style-type: none"> <li>Cloud Edition: latest ver.</li> </ul>	⊗	⊗	⊗	OAuth configuration required		
		+ OAuth	<ul style="list-style-type: none"> <li>Cloud Edition: latest ver.</li> </ul>	⊗	⊗	⊗			

CONNECTIONS. - LIVE DATA (1/2)

# SAP® Analytics Cloud Live Data Connection Matrix



		Prerequisites	SAP Info Access Service (InA) exposed	Apache HTTPS Server	Web Dispatcher	Direct CORS configuration	DB specific requirements
SAP BW	Direct Connection + Single Sign On	<ul style="list-style-type: none"> <li>SAP BW/4HANA SP4+</li> <li>SAP BW 7.4 SP17+</li> <li>SAP BW 7.5 SP8+</li> <li>Additional SAP Note to be applied: 2541557</li> <li>For SAP BW versions prior to the above, SAP Note 241557 contains additional information</li> </ul>	SAP BW InA Service	⊗	⊗	⊙	CORS enablement on SAP NW lower than 7.52 in SAP Note: 2596285
	Path Connection via HTTP Server			⊙	⊗	⊗	
SAP Universes	Direct Connection via SAP BOE Live Data Connect	<ul style="list-style-type: none"> <li>SAP BusinessObjects Business Intelligence Platform 4.2 SP4 or higher</li> <li>SAP BOE Live Data Connect</li> </ul>	n/a	⊗	⊗	⊙	Deployment of SAP BOE Live Data Connect component on Tomcat is required
	Path Connection via SAP BOE Live Data Connect and HTTP Server			⊙	⊗	⊗	

**Modellierung**



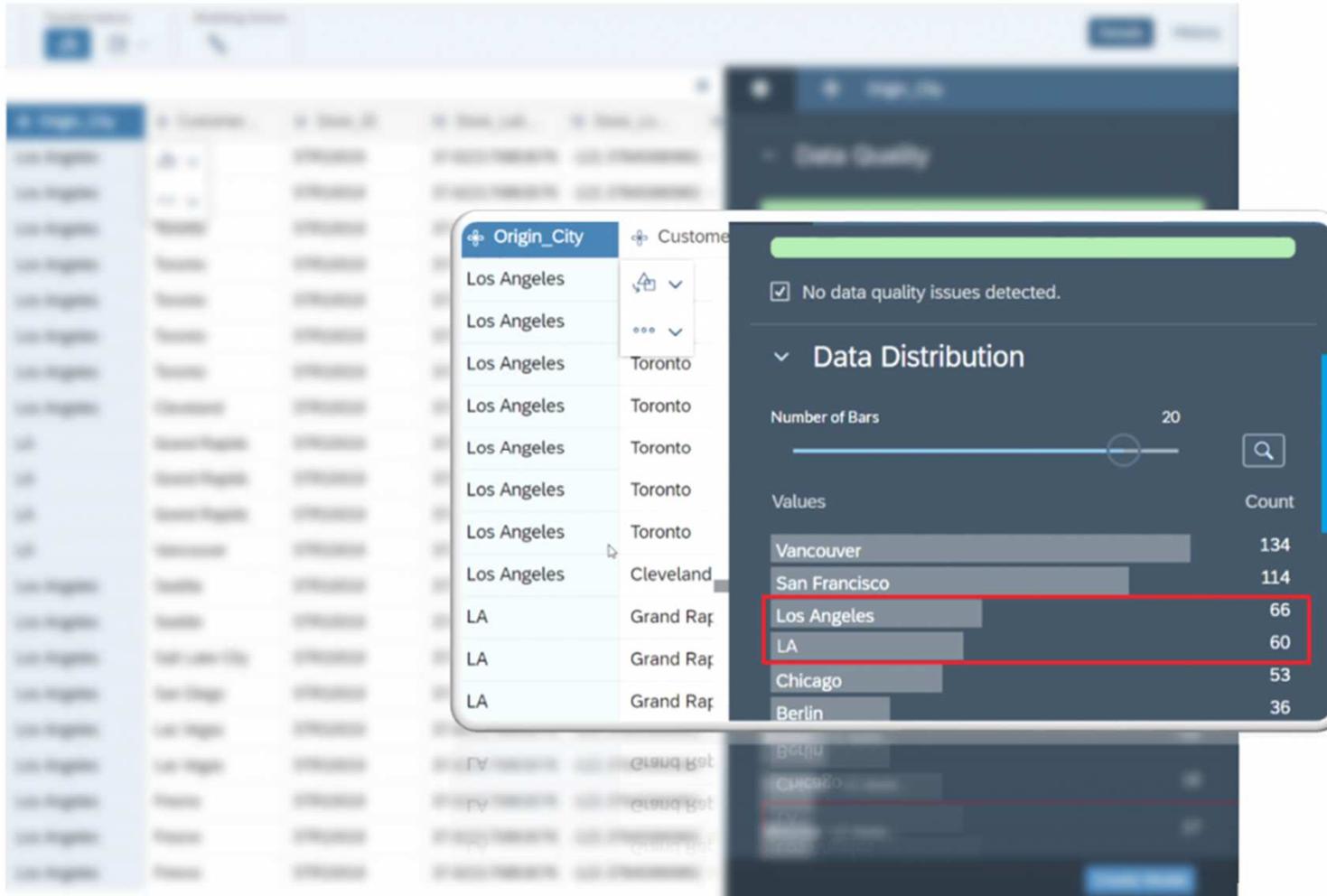
## Modellierung in der Cloud

- 2 Modelltypen:
  - Analytisches Modell → Standard für BI
  - Planungsmodell → Für Planungsprozesse / Forecasting / Budgetierung
  
- Datenquellen
  - Ohne → Blank model
  - Datasource → Live Data Connection / Import Data Connection (SAP ERP / Universe / SQL DB)
  - File-Import → XLS(X), CSV
  - App → Odata, Google Drive, Salesforce

## Data Wrangling / Data Integration / Data Preparation

- › Nur für Import-Daten-Modelle
- › Vorstufe zum Modell
- › Einsicht in ein erstes Data-Sample
- › Data Quality-Issues werden aufgezeigt
- › Spalten-Typ Änderung möglich (Measure, Dimension, Time, Account, Organisation, Version, Location)
- › Hinzufügen von Attributen (aus anderen Spalten) möglich
- › Smart-Transformation-Features:
  - › Konkatenieren
  - › Split
  - › Konvertierung (uppercase / lowercase)
  - › Ersetzen
  - › Ändern
- › Log-File über alle gemachten Änderungen – jede Änderung kann rückgängig gemacht werden

## Data Wrangling - Dateninformationen



## Data Wrangling - Suchen / Ersetzen / Konkatenieren

General | Mode | Display | Transformations | Modeling Actions

Create Transform

Transacti...	Purchase...	Purchase...	Origin_City	Custom...
T10539	06/21/2016	407.388	Chicago	nci
T10372	03/08/2016	94.068	LA	
T10409	02/15/2016	84.96	LA	Tel Aviv
T10424	02/27/2016	67.956	LA	Tel Aviv
T10478	03/14/2016	48.195	LA	Tel Aviv
T10503	06/24/2016	75.31	LA	Tel Aviv
T10563	04/10/2016	277.65	Chicago	San Jose
T10009	05/26/2016	143.616	Chicago	Vancouver
T10044	06/01/2016	124.95	Chicago	Vancouver

Origin\_City

No data quality issues detected.

Data Distribution

Number of Bars

Values

- Vancouver
- San Francisco
- Los Angeles
- LA

## Data Wrangling - Spalten aufteilen

The screenshot shows a data wrangling tool interface with a 'Create Transform' dialog box. The dialog box is titled 'Create Transform' and has a close button (X) in the top right corner. The dialog box is overlaid on a data table. The table has columns: Date, State, Product C..., Sales Ma..., and Qu. The 'State' column is selected, and a context menu is open over the 'Portland, Oregon' value in row 994. The context menu has a 'Split Column' icon and a 'More Options' icon (three dots).

	Date	State	Product C...	Sales Ma...	Qu
996	05/24/2016	Portland, Oregon	Alcohol	James Frank	250
994	02/21/2015	Portland, Oregon	Juices	Gabriel Walton	2200
988	01/28/2016	Portland, Oregon	Carbonated Drinks	Ed Young	450
987	04/11/2016	Portland, Oregon	Juices	Lois Wood	3700
985	05/20/2016	Portland, Oregon	Alcohol	James Frank	250
981	01/16/2016	Portland, Oregon	Juices	Nancy Miller	50
972	11/03/2015	Portland, Oregon	Juices	David Carl	100
971	10/24/2015	Portland, Oregon	Juices	Janet Bury	250

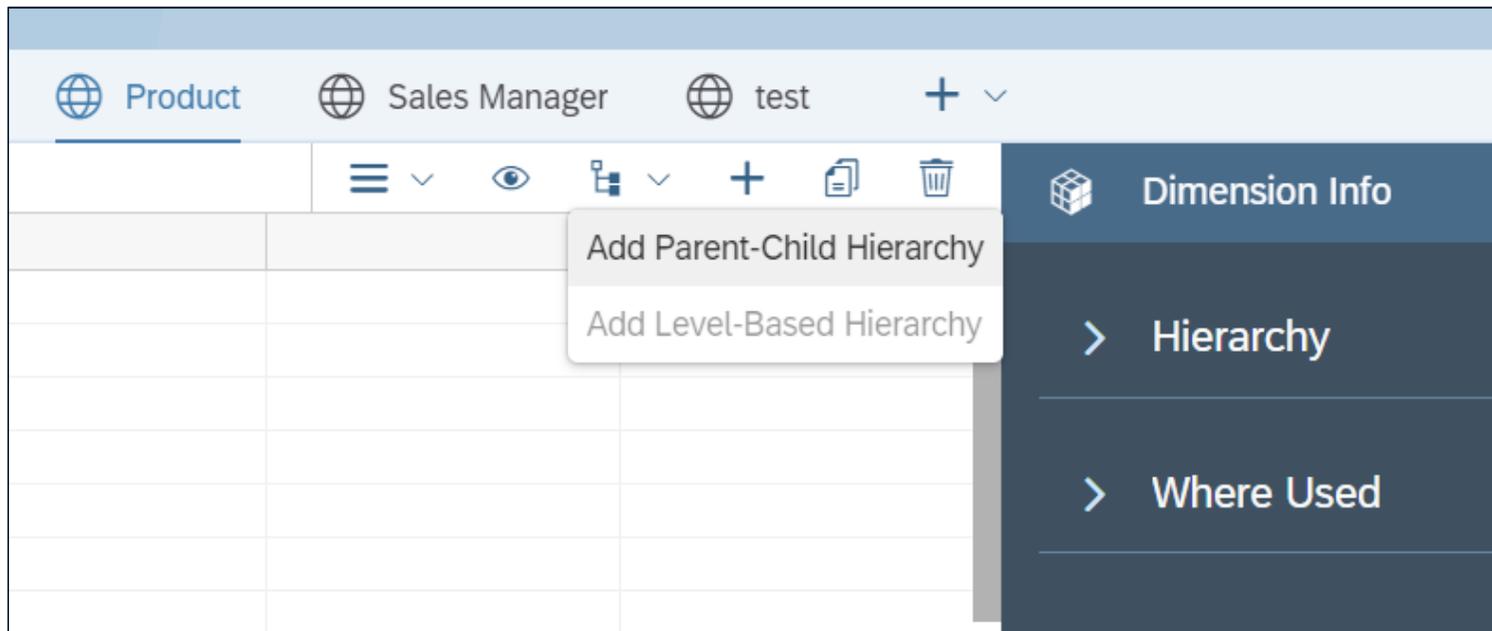
## Modellierung

- › Dimensionen
  - › Hierarchien
  - › Neue Dimensionen
  - › Attribute ergänzen
  - › Daten per Copy-Paste aus Excel ergänzen
  
- › Measures
  - › Aggregationslevel ändern
  - › Einheiten und Währungen definieren
  - › Calculated Measures mittels Formel-Editor hinzufügen

## Modellierung - Einheiten und Währungen

ID	Description	Account Type	Hierarchy	Units & Currencies	Aggregation T...
1	Discount_d03e2f76a856...	Discount		Currency	
2	Gross_Margin_d03e2f76...	Gross Margin		Currency	
3	Original_Sales_Price_d0...	Original Sales Price		Currency	
4	Price_fixed_d03e2f76a8...	Price (fixed)		Currency	
5	Quantity_sold_d03e2f76...	Quantity sold		Currency	
6	Revenue	Revenue		Currency	
7					
8					
9					
10					

## Hierarchien



# Formeln

The screenshot shows a software interface with a list of formulas on the left and a detailed tooltip for the CAGR function on the right. The list includes CAGR, SMA, YOY, LINK, LOOKUP, RESTRICT, RESULTLOOKUP, INVERSE, IF, and %GRANDTOTAL. The tooltip for CAGR provides a description, syntax, example, remarks, and the mathematical formula.

**CAGR**  
Business

Calculates the **Compound Annual Growth Rate** of an account for a given period.

**Syntax**  
CAGR ( Account , Start Year , End Year )

**Example**  
CAGR ( [NetRevenue] , "2014" , "2016" )

Returns the **Compound Annual Growth Rate** of the account **NetRevenue** over the two-year period spanning the **end of 2014** to the **end of 2016**.

**Remarks**  
The parameter **Start Year** must be smaller than or equal to the **End Year**.

**Function**

$$\text{CAGR} = \left( \frac{\text{Ending Value}}{\text{Beginning Value}} \right)^{\left( \frac{1}{\text{Number of years}} \right)} - 1$$

## Daten per Copy-Paste ergänzen

Enhancing Your Data Model with SAP Analytics Cloud

Best\_Run\_Travel

Home Insert Page Layout Formulas Data Review View

Calibri (Body) 11

Normal Bad Good Neutral Calculation Check Cell

Home_Office	Description	Parent
BLR	Banglore	India
DXB	Dubai	United Arab Emirates
FRA	Frankfurt	Germany
LHR	London	England
MEX	Mexico City	Mexico
PHL	Philadelphia	United States
PVG	Beijing	China
SFO	San Francisco	United States
SYD	Sydney	Australia
YVR	Vancouver	Canada
Australia	Australia	APJ
Mexico	Mexico	LATAM
England	England	EMEA
United States	United States	NA
Germany	Germany	EMEA
United Arab Emirates	United Arab Emirates	EMEA
India	India	APJ
China	China	APJ
Canada	Canada	NA
LATAM	LATAM	GLOBAL
APJ	APJ	GLOBAL
EMEA	EMEA	GLOBAL
NA	NA	GLOBAL
GLOBAL	GLOBAL	GLOBAL

Data Upload Region ORG

4:26 / 5:25

## Visualisierung





# Templates

## Choose how you'd like to start your story.

### Custom Templates



JF Technologies 2.0 Ewan Temp...



TechED 2017

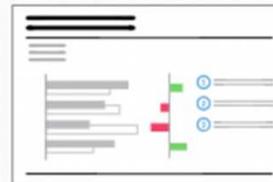
### SAP Analytics Templates



Boardroom



Presentation - Responsive



Report



Dashboard



Report (A4)



Present



#### Access & Explore Data

Bring in data from CSV, Excel, and other datasources to explore and create visualizations.



#### Add a Canvas Page

Create pixel perfect reports or presentations.



#### Add a Responsive Page

Create flexible dashboards that can be presented on any device or screen size.



#### Add a Grid Page

A traditional spreadsheet page giving you the full look of your data.

# Data exploration

The screenshot displays the SAP Analytics Cloud interface. At the top, a blue notification bar states "Your system has been updated. See what's new." Below this, the breadcrumb navigation shows "Stories > New Document(1)\*". The search bar contains "021". The main toolbar includes "Data View", "File", "Data", and "View" sections. The "Data View" section is active, showing a table of data for "Best\_Run\_Sales".

Measures	Date	Location	Product	Sales Manager	Store ID
Quantity sold	(all)	California	Alcoholic Drinks	David Carl	ST1
Gross Margin		Nevada	Carbonated Drinks	Ed Young	ST10
Discount		Oregon	Fruit Juice	Gabriel Walton	ST100
Original Sales Price			Other Drinks	Gary Dumin	ST101
...					ST100

Below the table, a visualization area shows a "Numeric Point (Auto Suggested)" chart. The chart area contains the text: "More measures required to build a Numeric Point chart".

# Grid-Page

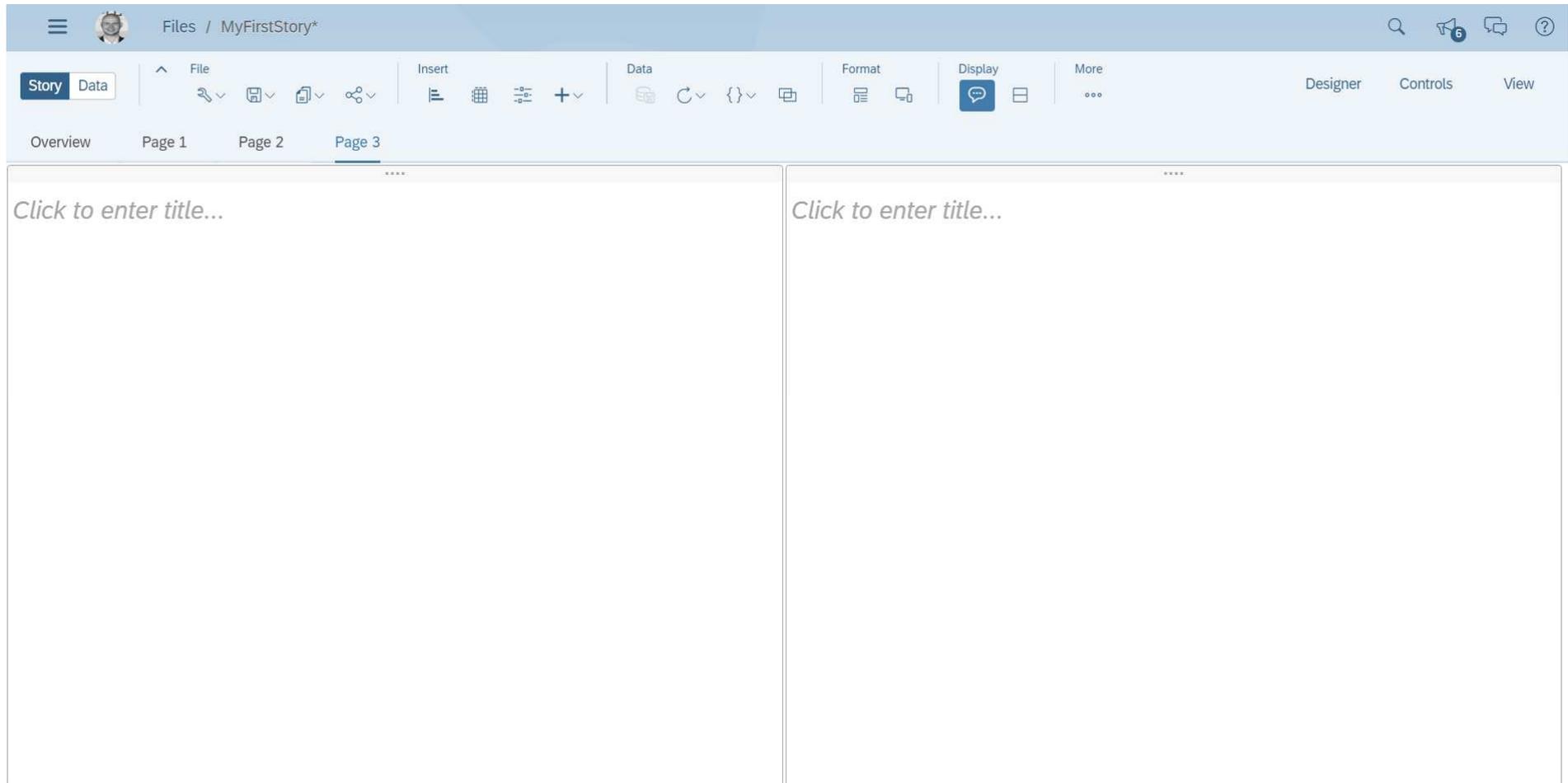
The screenshot displays the SAP Analytics Cloud interface for a 'Grid-Page'. The top navigation bar shows the user profile and the path 'Files / MyFirstStory\*'. Below this is a ribbon with tabs for 'Story' and 'Data', and a 'File' menu. The main workspace is divided into 'Overview' and 'Page 1' tabs. The grid itself has columns labeled A through J and rows labeled 1 through 13. A blue selection bar is visible over the first row and column A, with a small blue dot indicating the active cell.

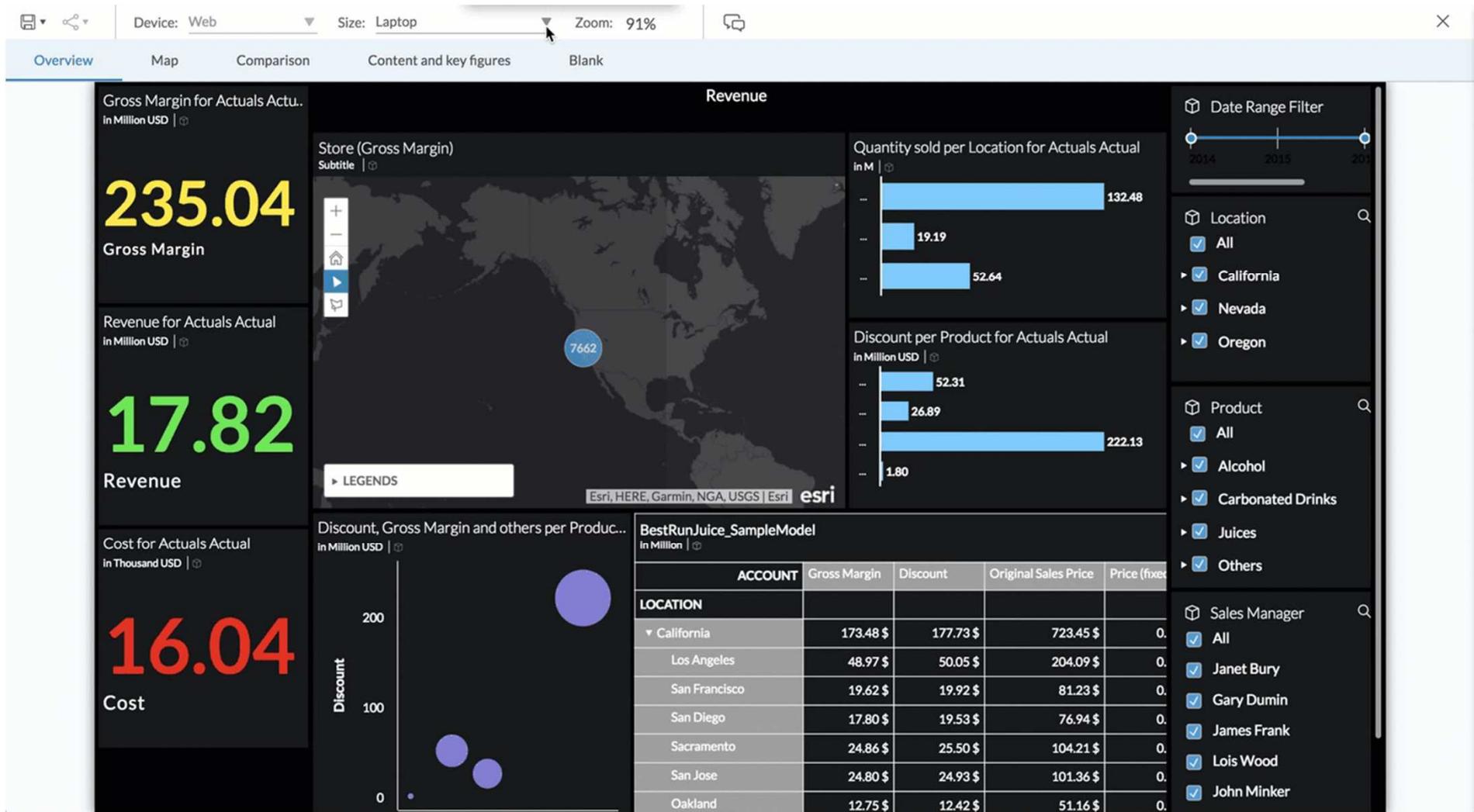
T	A	B	C	D	E	F	G	H	I	J
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										

# Canvas

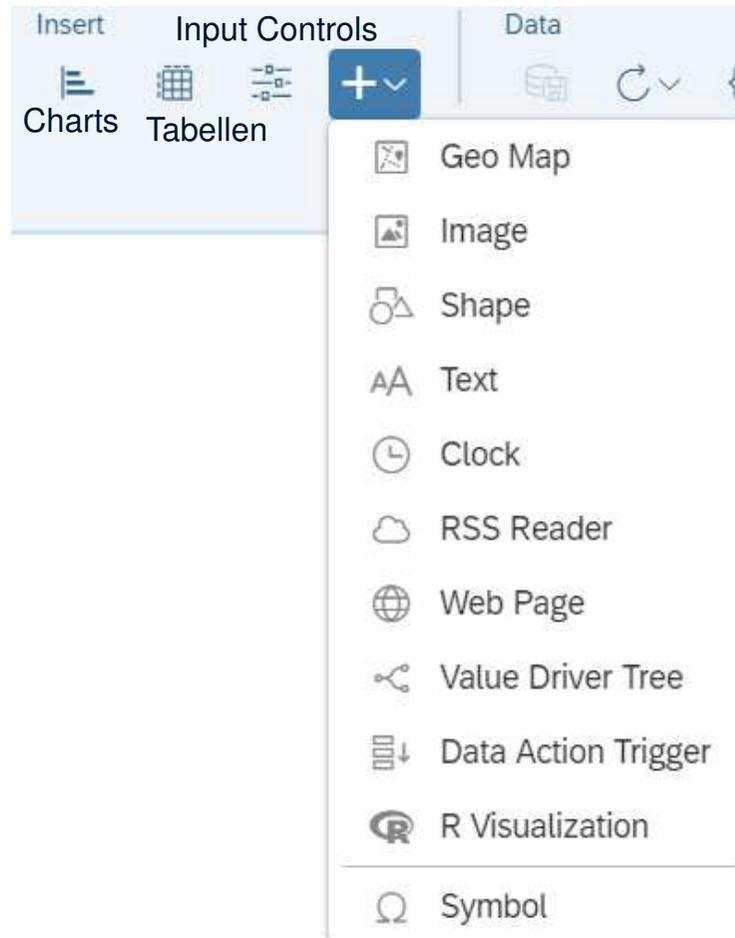
The screenshot shows the SAP Analytics Cloud Canvas interface. At the top, there is a navigation bar with a menu icon, a user profile, and the text "Files / MyFirstStory\*". Below this is a toolbar with tabs for "Story" and "Data". The "Data" tab is active, showing icons for File, Insert, Data, Format, Display, and More. The main workspace is divided into two panels. The left panel contains the text: "The Canvas is a flexible space that allows data exploration and presentation. One way to begin is by adding data. You can also add pictures, text, and tables." Below this text is a blue button labeled "Add data". The right panel contains the heading "Add an object to the canvas." and a grid of six icons, each with a label: "Chart", "Geo Map", "Table", "Image", "Shape", and "Text".

# Responsive





## Visualisierungsmöglichkeiten



## Diagramme - Typen

- › Säulen / Balkendiagramm
- › Stapelsäulen- / -balkendiagramm
- › Kombiniertes Säulen- und Liniendiagramm
- › Kombiniertes Stapelsäulen- und Liniendiagramm
- › Wasserfalldiagramm
- › Flächendiagramm
- › Liniendiagramm
- › Trend-Analyse-Diagramm
- › Kuchendiagramm
- › Donut Diagramm
- › Bullet Diagramm
- › Heat Map
- › Histogramm
- › Radar-Diagramm
- › Tree Map
- › Schlagwortwolke
- › Boxplot-Diagramm
- › Blasendiagramm
- › Geclustertes Blasendiagramm
- › Streudiagramm
- › Marimekko-Diagramm

## Tabellen - Features

- › Out-of-the-box IBCS style
- › In-Cell-Charts (Standard oder IBCS-Style)
- › Berechnete Spalten
- › Individuelle bedingte Formatierung
- › Hierarchien erweitern und reduzieren

**IBCS**

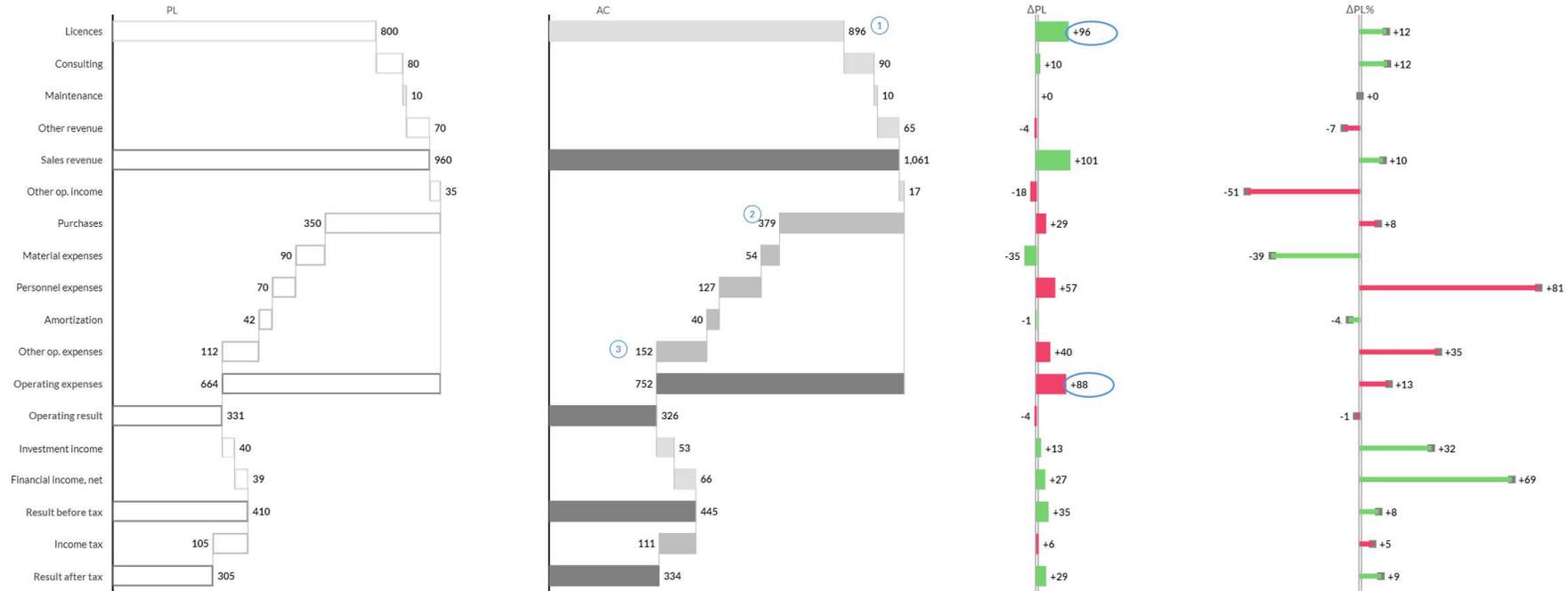


# SAP® Analytics Cloud



by **BARC**

**SAP**  
SAP Analytics Cloud  
2017 | 12



① Licences 2015: mEUR 896 Lorem ipsum dolor sit amet, consetetur et ea rebum. Quia numeri sunt tantum unum component recte diiudicat.

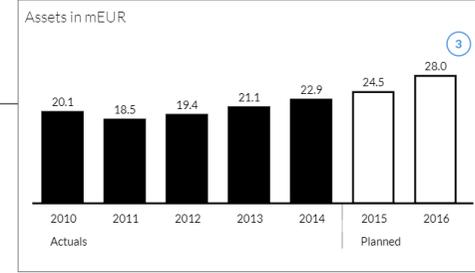
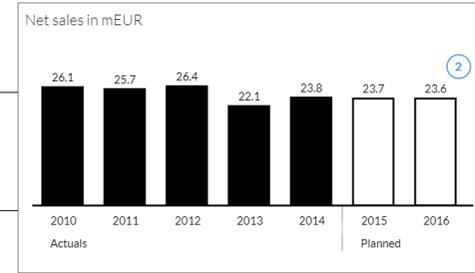
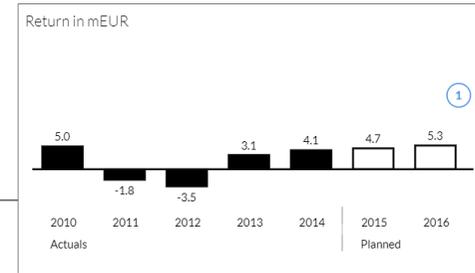
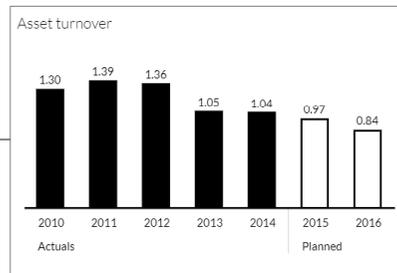
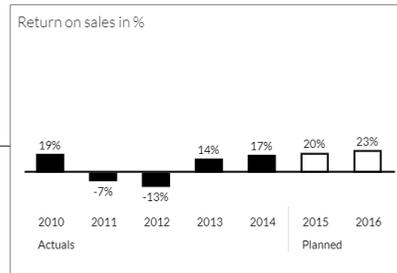
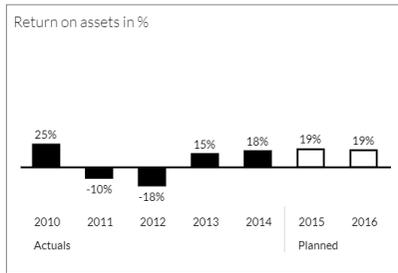
② Purchases 2015: mEUR 379 clita kasd gubergren, no sea takimata. Nisi quod existimo etiam mutant ensem.

③ Other op. expenses 2015: mEUR 152 ay eirmod tempor invidunt ut uo dolores. Quantumcumque appenditis studio incassum videas.

1 Return plan: mEUR 5.3 in 2016 elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam vol-

2 Net sales plan: mEUR 23.6 in 2016 Lorem e duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing

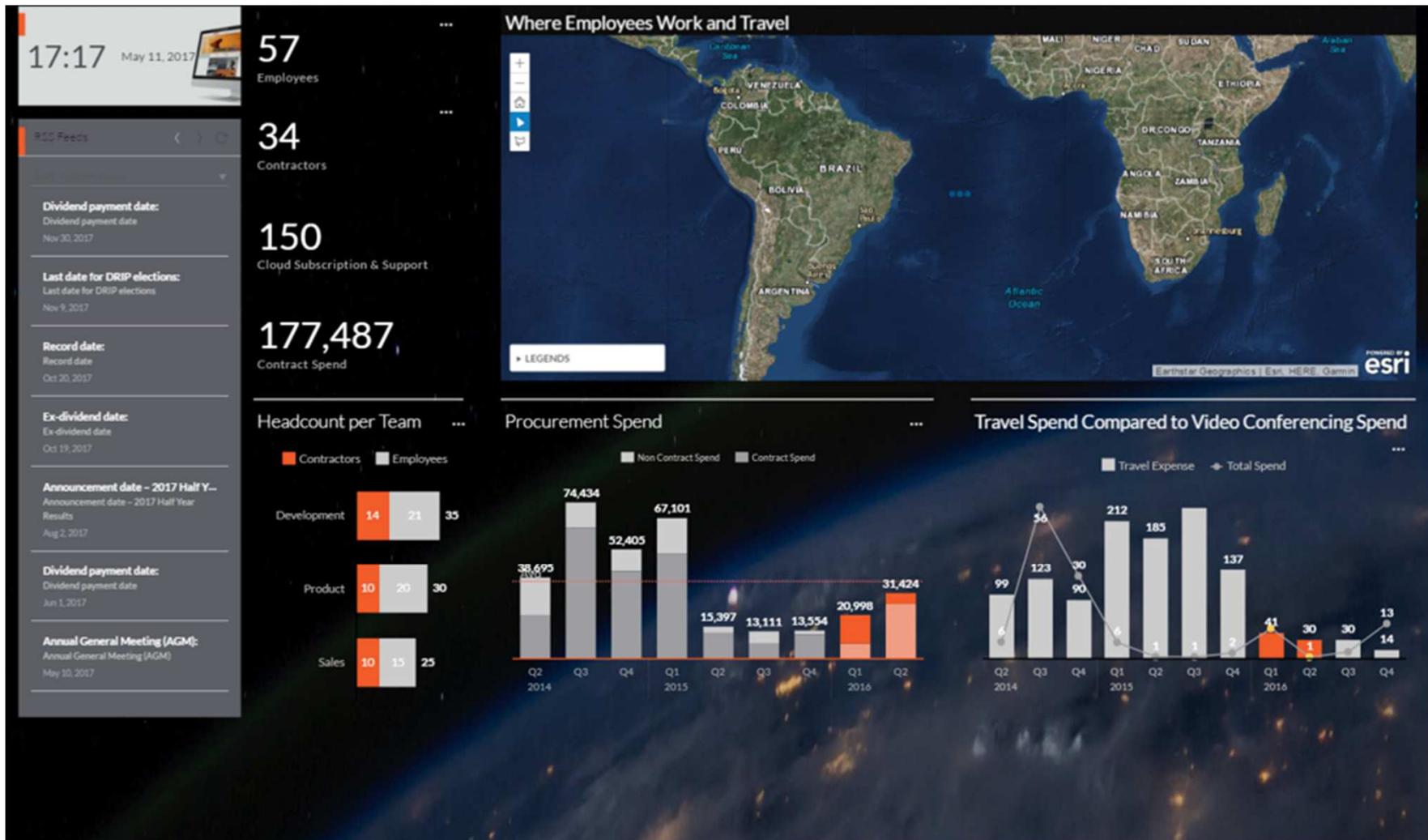
3 Assets plan: mEUR 28.0 in 2016 Lorem ipsum dolor sit amet, consetetur et ea rebum. Stet clita kasd gubergren, no sea takimata asdfa sd asdf fa sfasdfa sdsadf

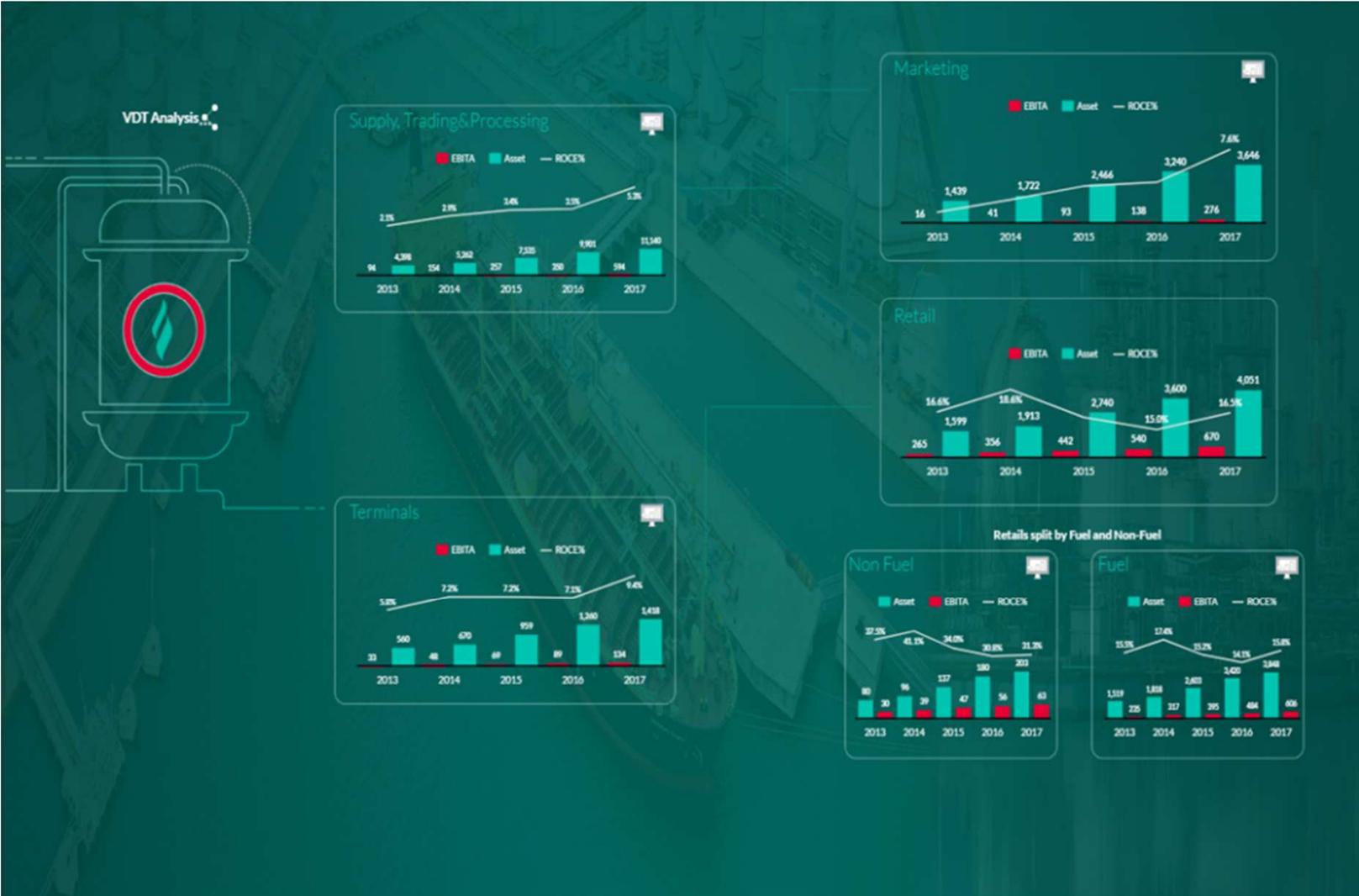


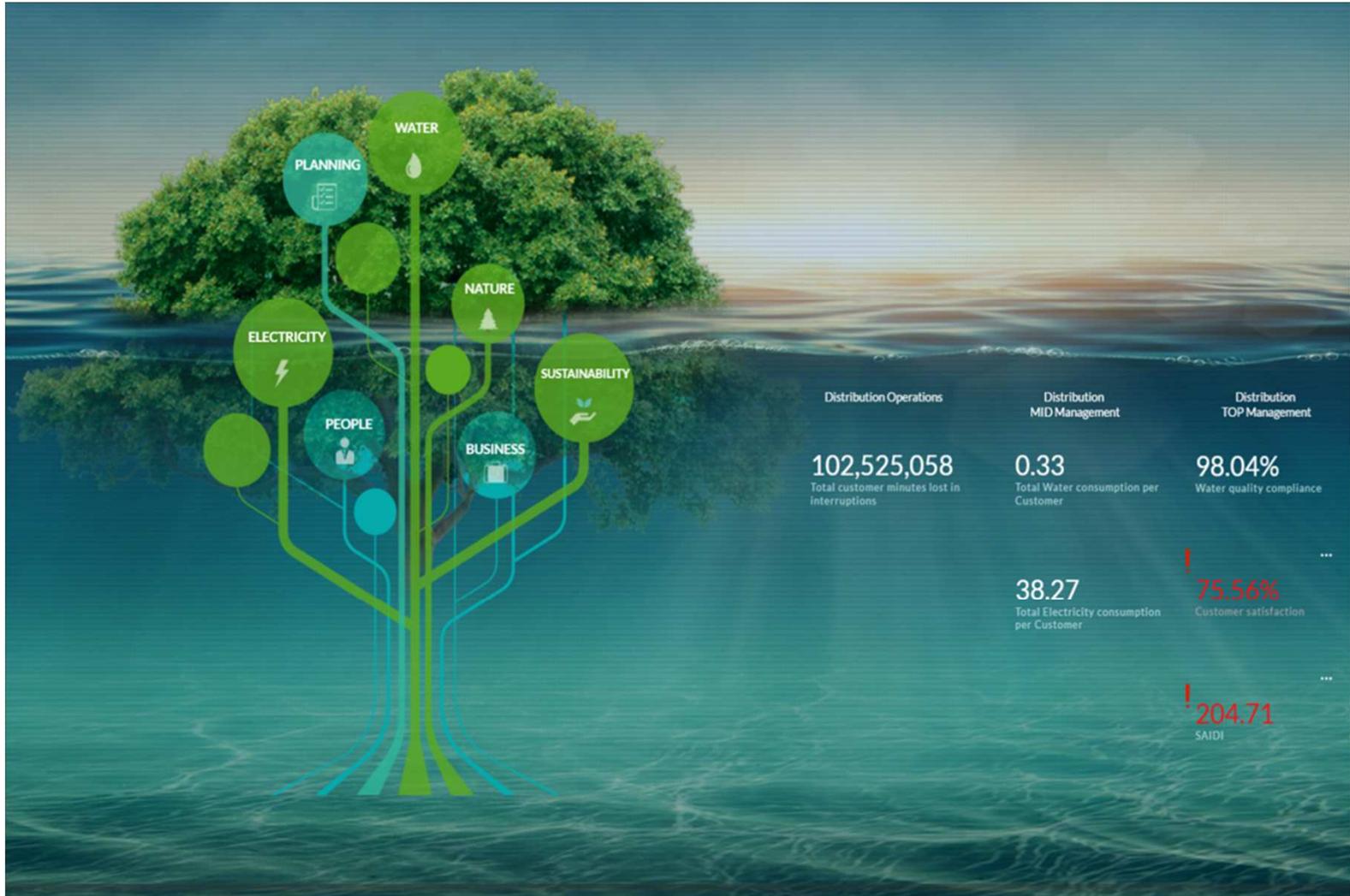
	Nov				Jan to Nov			
	PY	AC	ΔPY	ΔPY%	PY	AC	ΔPY	ΔPY%
Austria	560	559	-1	-0	5,078	5,509	+431	+8
Belgium	56	58	+2	+3	531	484	-47	-10
France	140	134	-6	-4	1,290	1,354	+64	+5
Germany	345	260	-85	-33	3,124	2,850	-274	-10
Poland	78	86	+8	+9	816	854	+38	+4
Sweden	77	86	+9	+10	809	764	-45	-6
Switzerland	61	66	+5	+8	604	678	+74	+11
Other	502	545	+43	+8	5,602	5,441	-161	-3
▲ Europe	1,819	1,794	-25	-1	17,854	17,934	+80	+0
Brazil	119	121	+2	+2	1,205	1,314	+109	+8
Canada	65	59	-6	-10	629	718	+89	+12
USA	346	311	-35	-11	3,406	3,239	-167	-5
Other	438	399	-39	-10	4,166	4,008	-158	-4
▲ Americas	968	890	-78	-9	9,406	9,279	-127	-1
Australia	54	62	+8	+13	517	588	+71	+12
China	266	231	-35	-15	2,107	2,399	+292	+12
Japan	9	11	+2	+18	67	144	+77	+53
Other	234	255	+21	+8	2,351	2,145	-206	-10
▲ Rest of World	563	559	-4	-1	5,042	5,276	+234	+4
▲ World	3,350	3,243	-107	-3	32,302	32,489	+187	+1

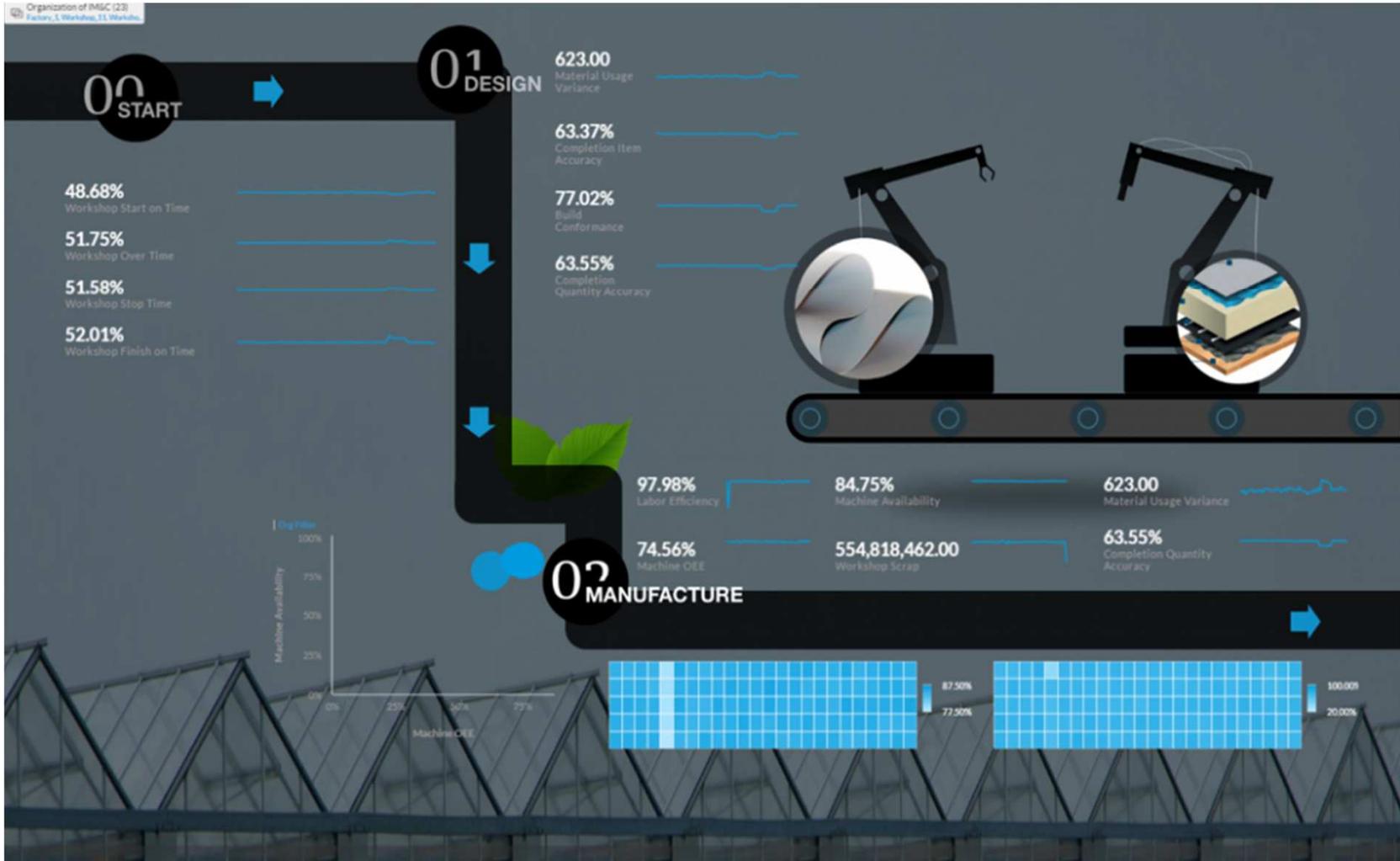
## Weitere Visualisierungen











# Smart Features



## Easy as Excel

Online\_Salescsv

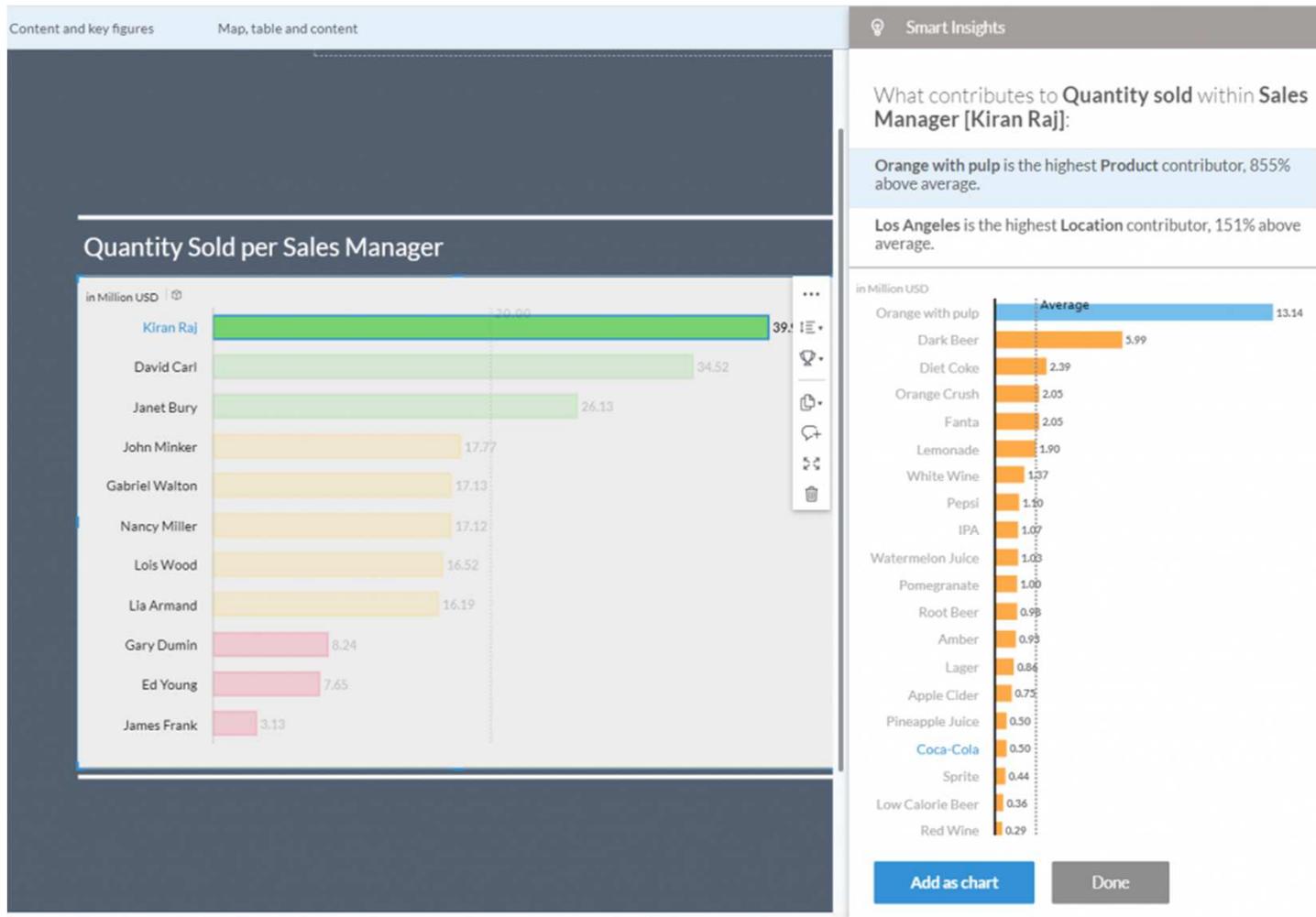
in USD |  customer\_name Filter

	sales					
	Abby Inold	Abbye Peschet	Abel Culmer	Abey Izkoveski	Abigale Palatino	= E3 - F3
Florida	–	–	–	3.996	–	
Georgia	–	–	2.371	–	–	
Kansas	–	–	–	–	3.500	
Texas	–	509	–	–	–	
West Virginia	1.039	–	–	–	–	

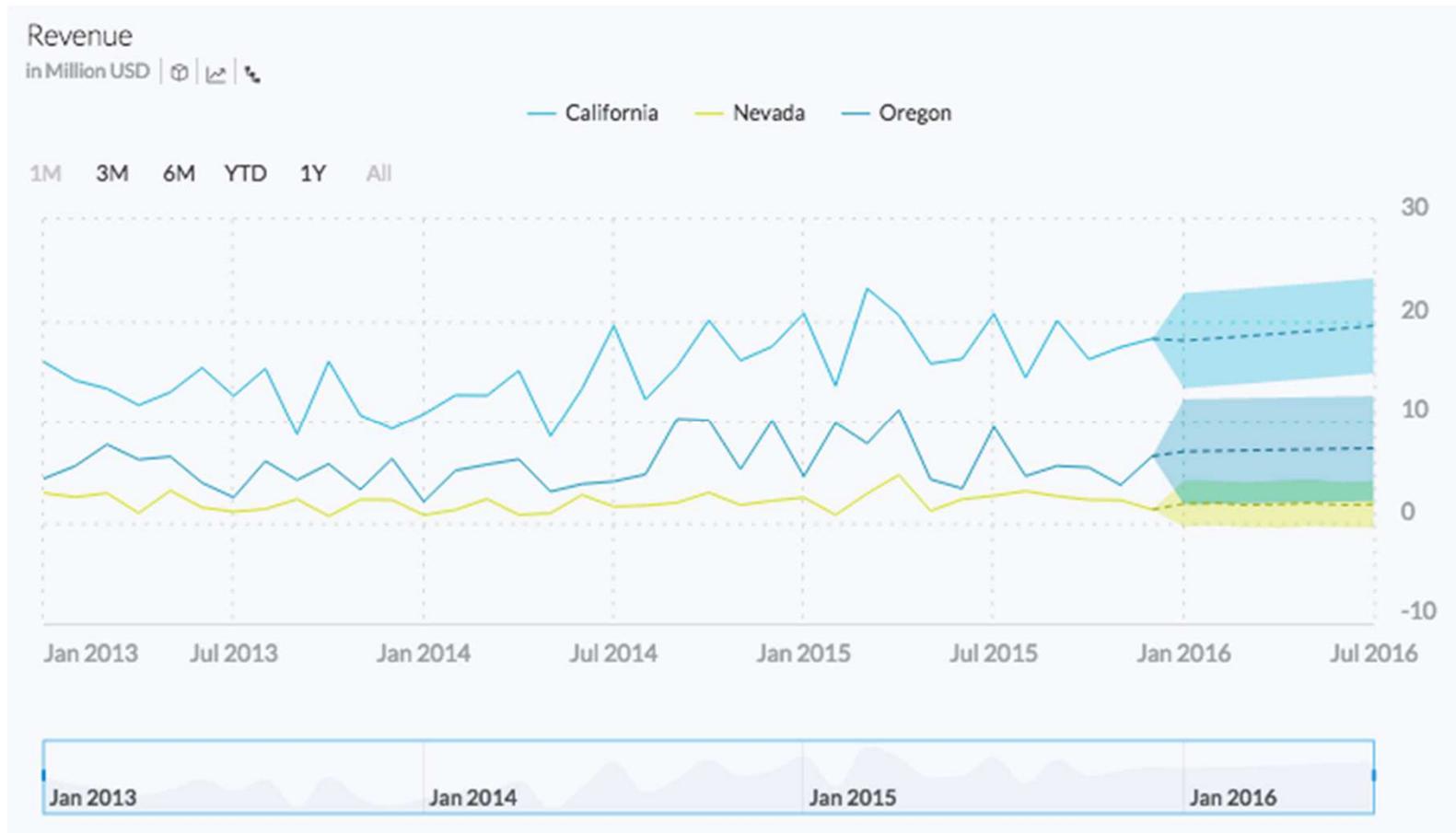
# Automatische Story

The screenshot shows a software interface for creating a story. At the top, there is a navigation bar with 'Stories > New Document(1)\*' and a search bar containing 'T9K6RLGME4'. A 'Buy Now' button is visible next to the search bar. Below the navigation bar is a toolbar with various icons for file operations, insertions, tools, data, format, and view. The main canvas area is titled 'Page 1' and contains a lightbulb icon on the left. To the right of the lightbulb, there is a text block that reads: 'You've added [BestRun\\_Demo](#) to your Story. We can quickly lay out some charts using this data. Would you like to begin? [Build my story for me.](#)'. In the center of the canvas, there is a heading 'Add an object to the canvas.' followed by six circular icons representing different object types: Chart, Geo Map, Table, Image, Shape, and Text.

# Smart Insight



## Automatischer Forecast



# Smart Discovery

The screenshot displays the SAP Analytics Cloud Smart Discovery interface. At the top, the breadcrumb navigation shows 'Files / New Document(4)\*'. The main toolbar includes 'Story' and 'Data' tabs, along with icons for file operations, data manipulation, and visualization modes. The current data source is 'SalesDemoData', and a '+ New Smart Discovery' button is visible. On the left, a 'Measures' panel lists 'No Customer Meetings', 'No Licenses', 'No Contact', and 'Deal\_Value'. The central workspace features a large blue plus sign icon with the text 'Show Dimensions' and 'Bring in more dimensions from your dataset to start exploring with'. Below this, a 'Title' field is present with a 'Subtitle' field and a lock icon. A 'Numeric Point (Auto Suggested)' chart type is selected, with a refresh icon and a '22' value. At the bottom, a message states 'More measures required to build a Numeric Point chart'.

## Kollaboration



# Diskussion

The screenshot shows a software interface with a discussion window overlaid on a data dashboard. The dashboard includes a bar chart for 'Profit (Plan\_v2)' and a table for 'Operating Expenses'.

**Operating Expenses Table:**

Year	2016	2017	2018	2019	2020
Operating Expenses	1,297.06	1,366.68	1,479.41	1,595.36	1,671.36

**Profit (Plan\_v2) Table:**

Year	2016	2017	2018
Profit	4,354.02	4,412.42	4,441.97
Operating Expenses	1,297.06	1,366.68	1,479.41
Total	5,651	5,779.09	5,921.38

**Discussion Window:**

To: Anthony

Ewan Maalerud has invited Anthony Lam.

A new task double check numbers has been created by EWAN.  
Added by Ewan Maalerud

Hi Anthony, I just want to ensure our figures are accurate and up to date. Would you mind double checking them please?

Type your message...

The screenshot shows a mobile application interface with a context menu overlaid on a message input field. The menu options are:

- Add Attachment
- Link Story
- New Task
- New Process

Type a message...

The screenshot shows a mobile messaging app interface with a discussion thread. The thread includes a message from Josie:

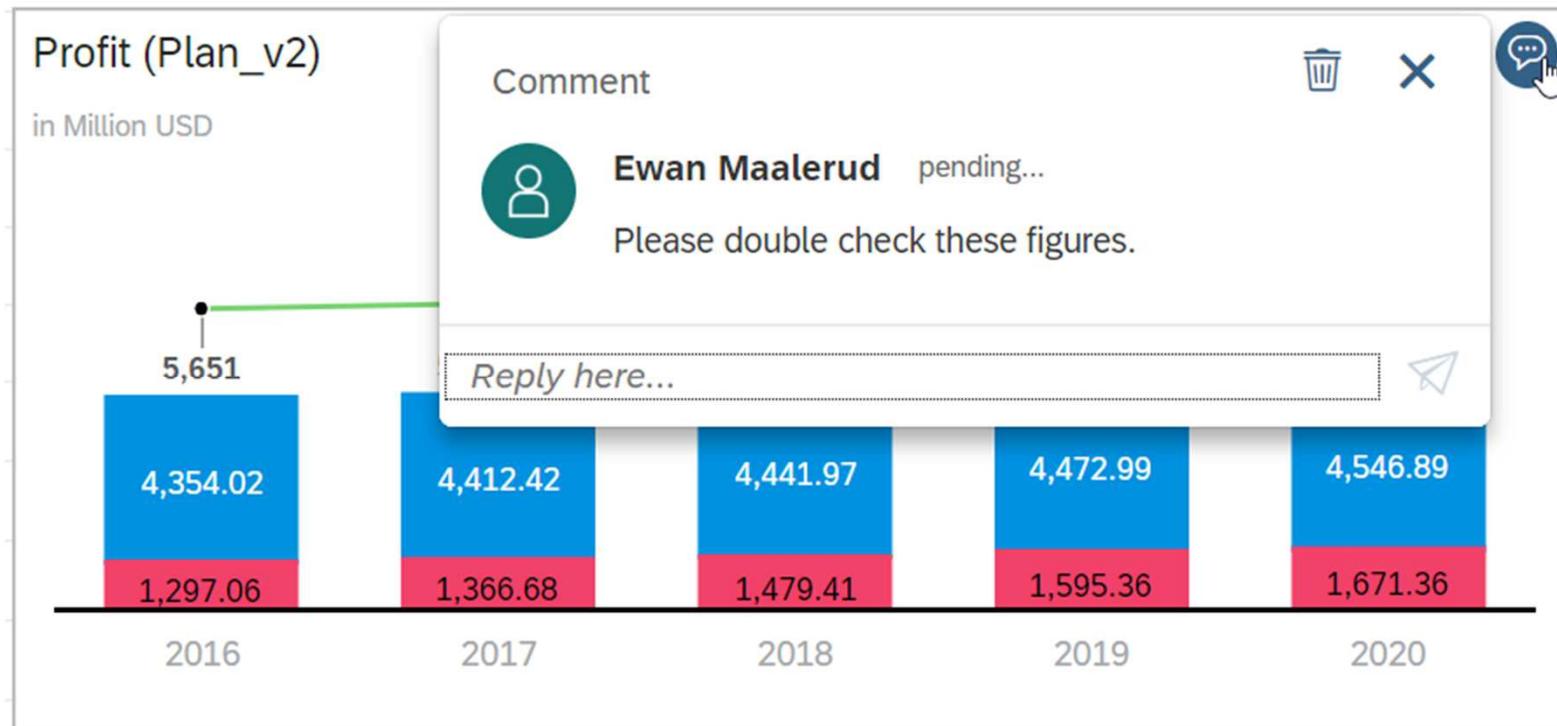
3:27 PM

Josie has invited Jane.

Josie: hi!

Type your message here...

## Kommentierung



# Tasks

**New Task**

Creating Talk-Task

Title \*  
Sales Revenue

Description  
Double check the numbers

Starts On  
Apr 6, 2017

Due on  
Apr 6, 2017

People

Assignee  
[Profile Icon]

Reviewer  
No reviewer is selected.

Final Reviewer  
No final reviewer is assigned to the event

Create Cancel

**Events** | 021

Calendar View: [Icons]

Month: April 2017

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
26	27	28	29	30	31	1
2	3	4	5	6	7	8
9	10 double check numbers	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29

DETAILS | PROCESS

START DATE: 4/6/2017  
Due Date: 4/10/2017

double check numbers

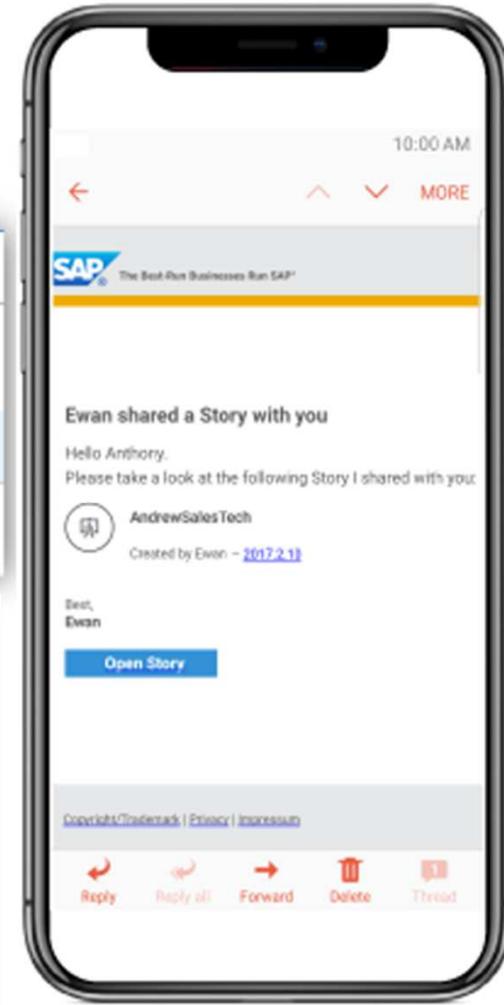
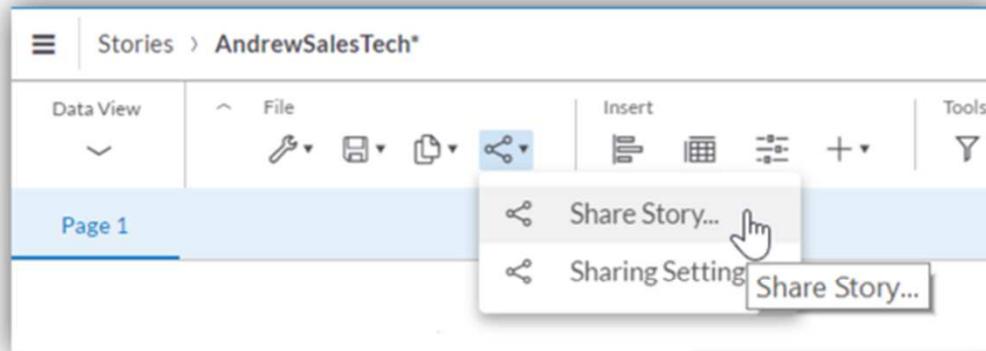
Creator: You

Related Content [Icon]

Assignees & Status

Anthony [Icon] Pending

# Sharing is caring



Edit Sharing Settings

User/Team	<input checked="" type="checkbox"/> Full Access	<input checked="" type="checkbox"/> Read Access	<input checked="" type="checkbox"/> Update Access	<input checked="" type="checkbox"/> Delete Access	
All Users	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
TEAM: ITX	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	×
Guest 01	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	×
Guest 03	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	×

[Add Users and Teams](#)

[Save](#) [Cancel](#)

Zukunft(?)



## 2018 – der nächste Schritt ist ein Hybrid Scenario

### **SAP Hybrid BI digital innovation without disruption**

1. Analytics Hub: a single front end for all analytics content
2. SAP BI Hybrid pricing: one license, one contract, ultimate flexibility
3. Innovation with SAP Analytics Cloud
4. Interoperability between SAP BusinessObjects BI (BOE) and SAP Analytics Cloud
5. Deploy SAP BusinessObjects BI on premise or in the cloud
6. Engaging with customers differently

Quelle: Tammy Powlas, SAP Mentor – [blogs.sap.com](https://blogs.sap.com) (15.02.2018)

## Wohin geht die Reise?

- Analytic Application (Beta, GA in Q4-2018)
- Datenzusammenführung zwischen Live-Data & Import-Data
- Multisource models / predictiv modelling
- Verbesserungen im Bereich Live-Data-Connection
- SDK (Charting, App-Design)
- Distribution options
- Android support
- Content lifecycle management
- Add-Ons

## Wir freuen uns auf angeregte Gespräche mit Ihnen ...

- › Alexander Pröm, Senior Business Intelligence Consultant  
aproem@it-logix.ch



