



AIN623 – Deep Dive into SAP Analytics Cloud and SAP Cloud Platform

PUBLIC

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SAP TechEd Las Vegas

October 2–5, 2018

Sabrina Dick

SAP TechEd Barcelona

October 23–25, 2018

Sabrina Dick

SAP TechEd Bangalore

November 28–30, 2018

Manjunath Baburao

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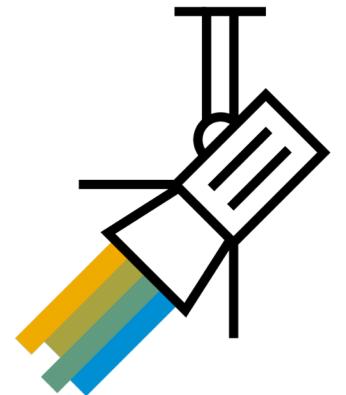
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Agenda

Setting the stage

Summary

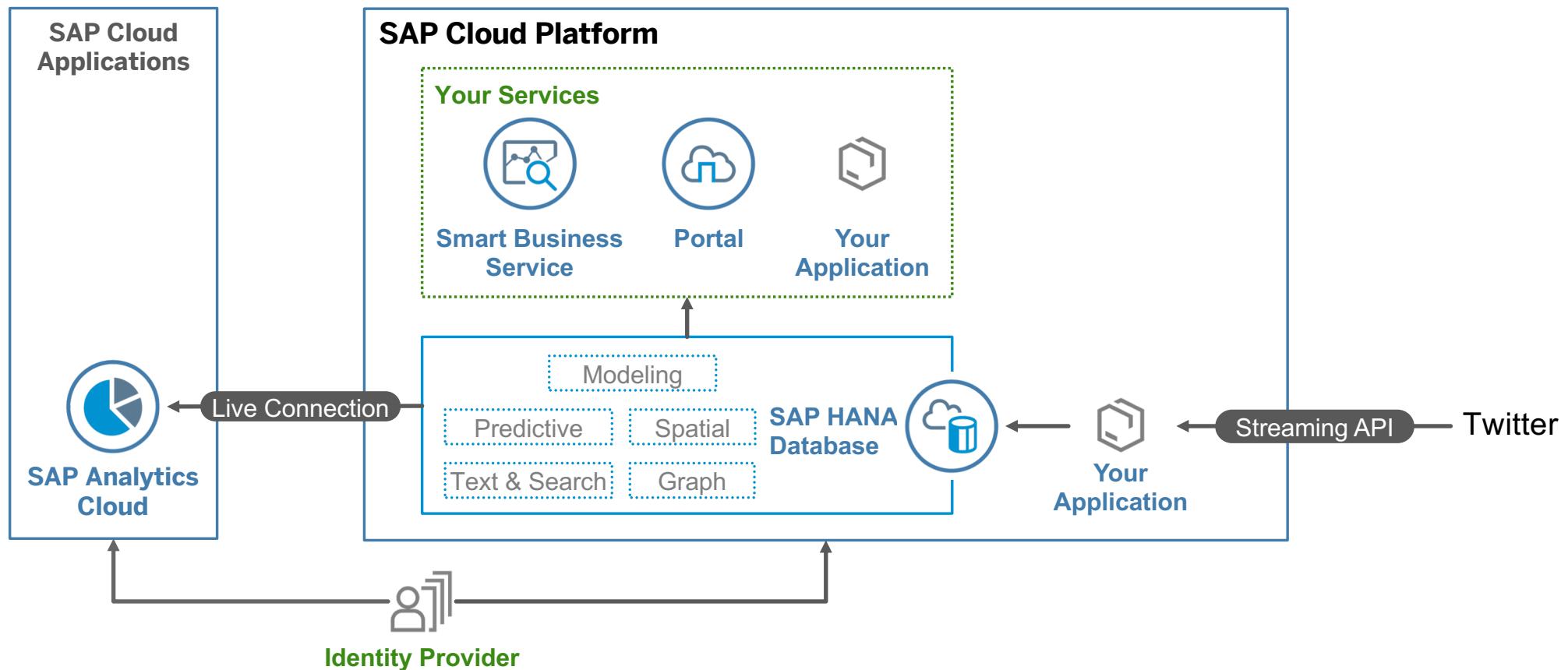
Before you start



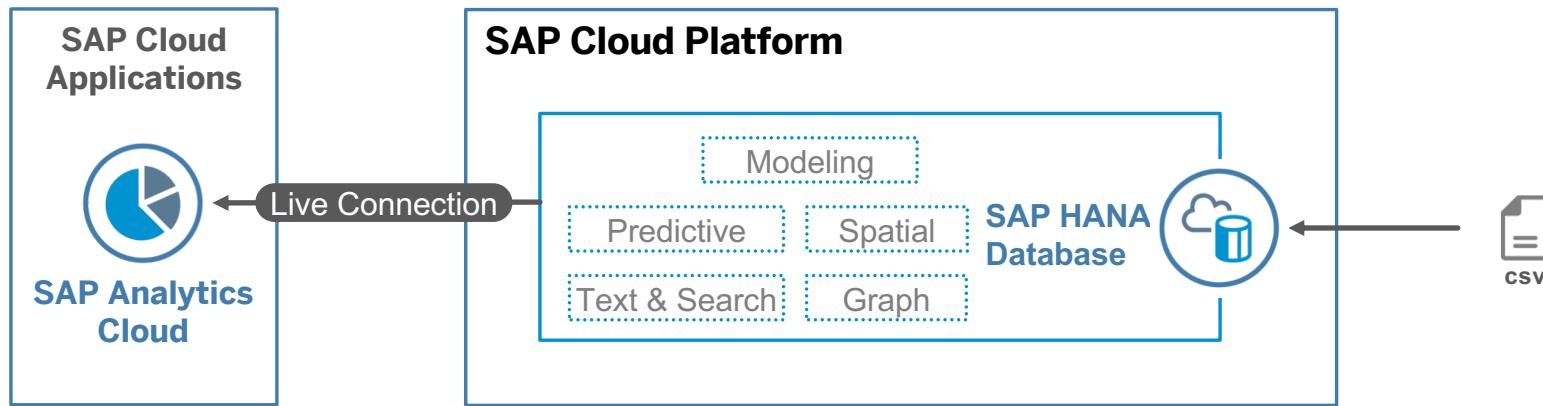
Setting the stage



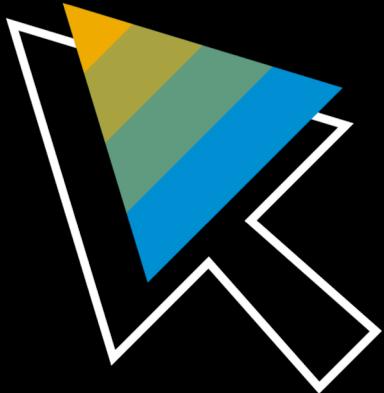
Use Case - Overall



Use Case



Demo



Short demo of the final dashboard

Summary



SAP Cloud Platform Portal – Integrating Analytic Apps

What you've learned in this course

- 1 SAP Cloud Platform as the enterprise platform to run your applications and extensions on
- 2 How to gain **additional insights** into data with different analytics features of SAP HANA
- 3 The powerful means available to **visualize data** catering to different target groups

Create your own analytic applications on top of SAP HANA in SAP Cloud Platform today!

Before you start



Exercise overview

- **Exercise 0:** Prerequisite: Setting up the Development environment
 - [Skip this exercise, when using the provided trial account.](#)
- **Exercise 1:** Manage roles and users
 - 10 min
- **Exercise 2:** Importing Data
 - 10 min
- **Exercise 3:** SAP HANA Modeling
 - 10 min
- **Exercise 4:** Setting Up A Live Data Connection to SAP Analytics Cloud
 - 10 min
- **Exercise 5:** Modeling in SAP Analytics Cloud
 - 5 min
- **Exercise 6:** Creating a Dashboard in SAP Analytics Cloud
 - 10 min

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<http://sapteched.com/online>

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The screenshot shows the SAP TechEd Online homepage. At the top, there's a navigation bar with links for Home, 2017 Videos, Archive, Blogs, and SAP TechEd. On the far right, there's a user icon and a yellow 'Registration' button. The main banner features the text 'SAP TechEd Online' in large yellow letters, followed by 'Registration for Las Vegas is Open Now' and a 'Get Registration Information' button. To the right of the text is a graphic of a person at a podium with a video camera. Below the banner is a stylized illustration of a seated audience. On the right side of the page, there's a 'Featured Blog' section with a photo of a woman and the text 'SAP TechEd in 2018: Register for this Year's Ultimate How-to Learning Adventure'. At the bottom right, there's a 'Contact us' button.

Further information



Related SAP TechEd content journeys

AIN3 – How to Fuel Your Enterprise with SAP Analytics

Related SAP TechEd sessions

AIN365 – Deep Dive into SAP Analytics Cloud and SAP Cloud Platform

AIN100 – Analytics Overview 101

AIN265 – Hands-On with SAP Analytics Cloud for Data Discovery on Import Data Sources

OPP101 – Overview of SAP Cloud Platform

Public SAP Web sites

SAP Community: www.sap.com/community/topic/cloud-platform.html

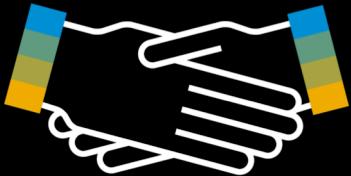
SAP Cloud Platform: cloudplatform.sap.com

SAP training and certification opportunities

www.sap.com/education

<https://open.sap.com/courses/cp6> - Analytics with SAP Cloud Platform

<https://open.sap.com/courses/cp1-2> - SAP Cloud Platform Essentials



Thanks for attending this session.

THE BEST RUN **SAP**



Feedback

Please complete your session evaluation for **AIN623**

Contact for further topic inquiries

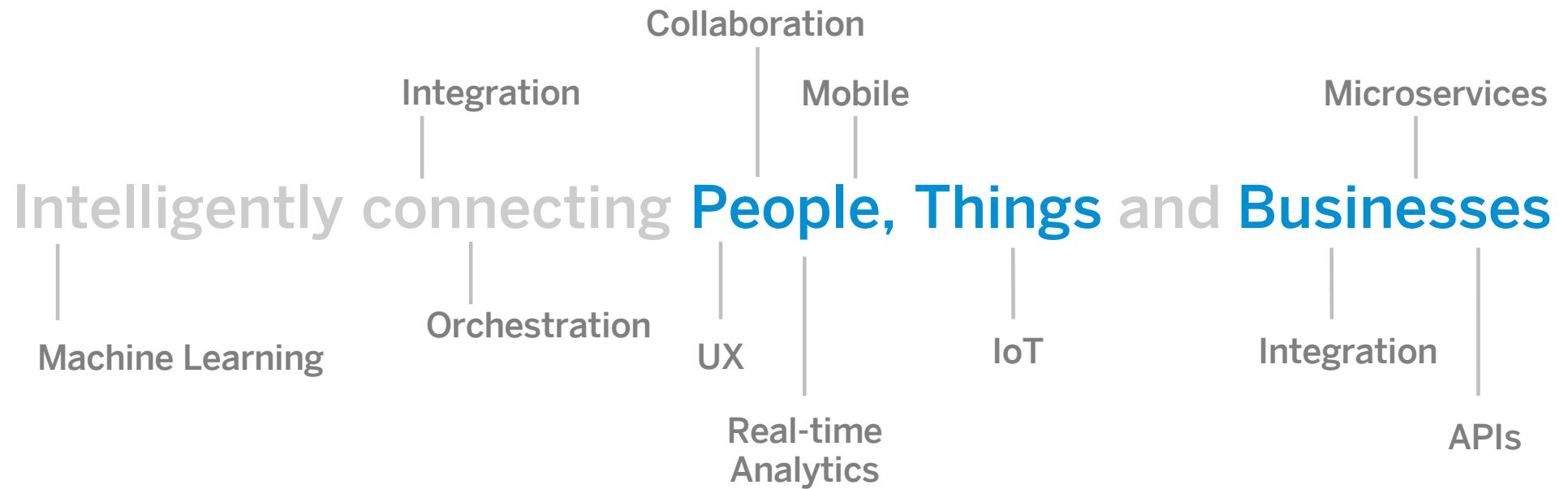
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Appendix



Digital Transformation: Connecting People, Things, and Businesses

Digitization: companies become a software-driven company by...



Architecture and Capabilities

SAP Cloud Platform as a service for the digital economy

“Enterprise platform as a service” by SAP that helps companies in their digital transformation journey to become more agile, optimized, and digital

Agile business

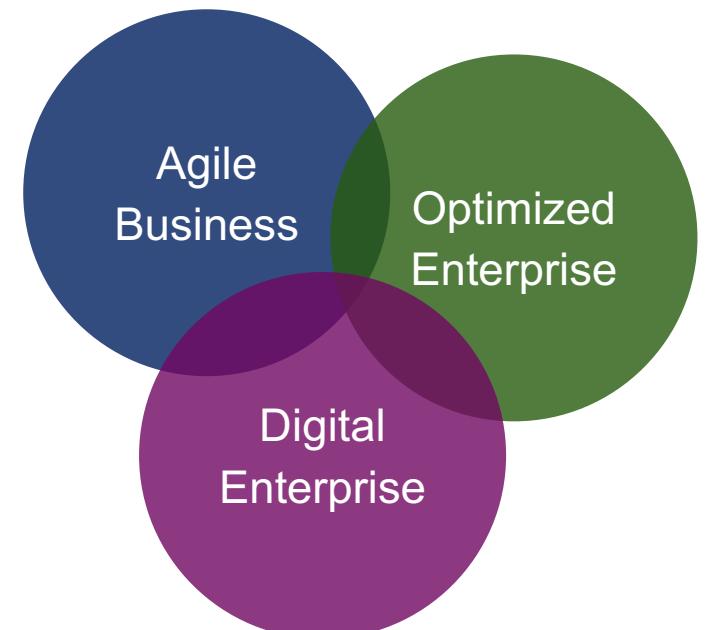
- **Extend** current cloud and on-premise applications
- Deploy pre-built app extensions
- Maximize the value of existing investments

Optimized enterprise

- **Integrate** on-premise and cloud applications to deliver hybrid clouds
- Connect your apps, data, and business processes
- Eliminate app and data siloes to make digital access simple, secure, and scalable

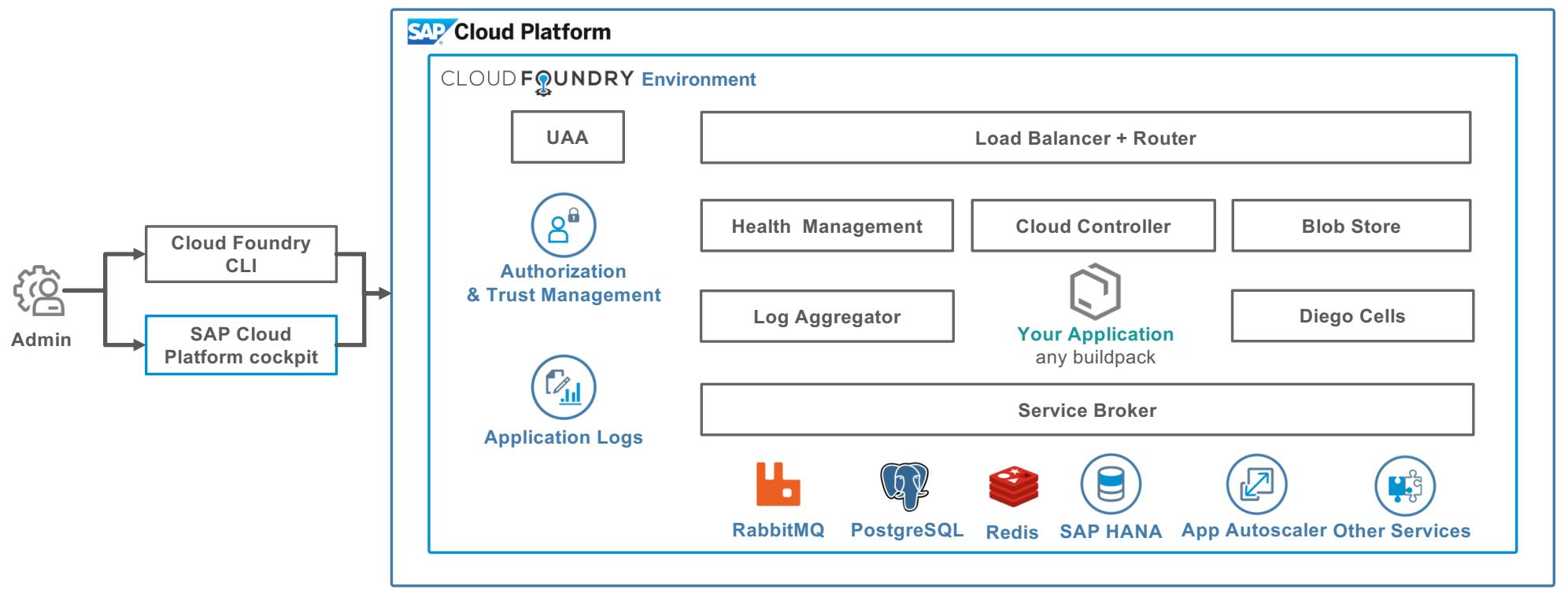
Digital enterprise

- **Build** innovative apps rapidly using open standards
- Embrace new technologies – Internet of Things, Big Data, bots, machine learning
- Attract new customers and drive new sources of revenue



Cloud Foundry Environment Overview

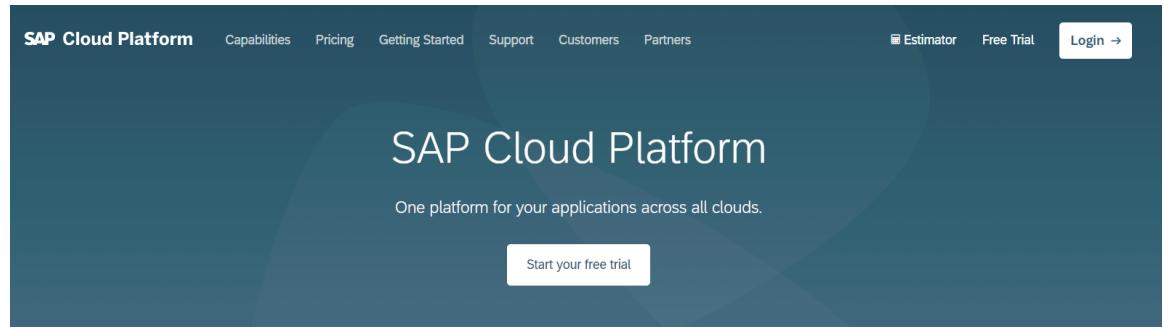
SAP Cloud Platform
Cloud Foundry



Getting Started

SAP Cloud Platform Web site

- Available via cloudplatform.sap.com
- Entry point to create trial accounts
- Detailed information about all capabilities
 - Information about pricing
 - Feature description
 - Short overview videos
- Pricing information and estimator



The screenshot shows the SAP Cloud Platform homepage. At the top, there is a dark header bar with the SAP Cloud Platform logo and navigation links for Capabilities, Pricing, Getting Started, Support, Customers, and Partners. To the right of these links are buttons for Estimator, Free Trial, and Login. The main content area has a dark blue background with the text "SAP Cloud Platform" and "One platform for your applications across all clouds." Below this is a white button labeled "Start your free trial".

What is SAP Cloud Platform?



Getting Started

SAP Cloud Platform cockpit

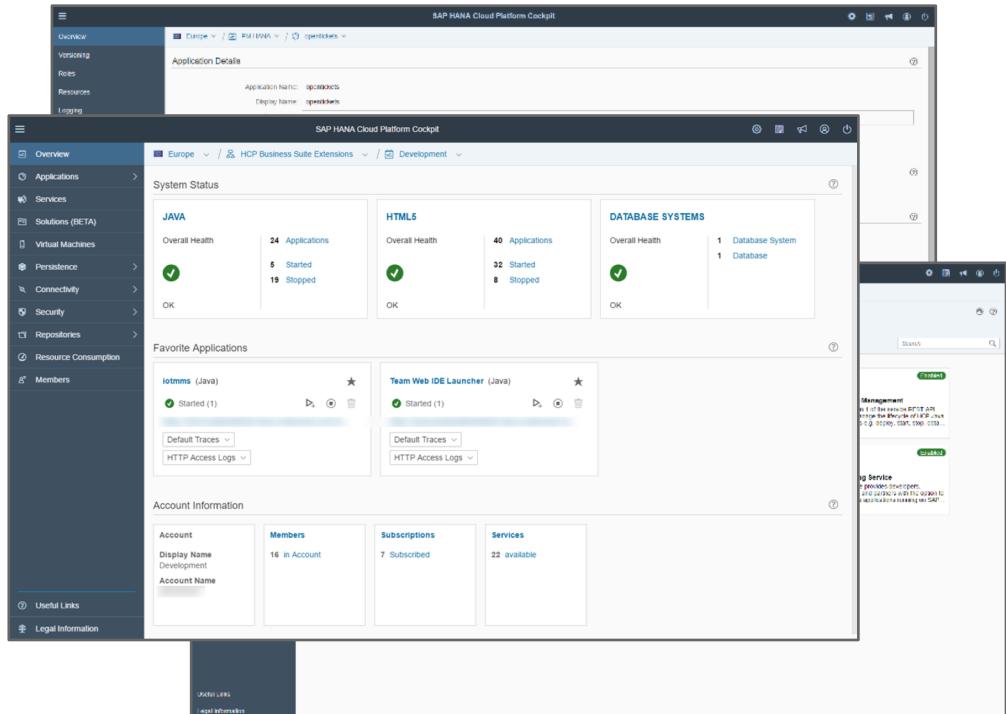
The SAP Cloud Platform cockpit is the consolidated destination for all operational needs from configuration to deployment and monitoring on SAP Cloud Platform.

Key capabilities

- Entry point to SAP Cloud Platform on the Web
- SAP Cloud Platform and application configuration
- Deployment of Java, XSJS, and HTML5 applications
- Monitoring of resources, databases, and applications

Benefits

- Complete overview and access point for SAP Cloud Platform
- Easy Web-based operations administration



Overview of SAP HANA

SAP HANA



SAP HANA Service

Tools

SAP Cloud Platform cockpit

SAP Cloud Platform Web IDE

SAP HANA studio

SAP HANA cockpit

SAP HANA engines

Spatial & Graph

Replication

Text Search & Analysis

Compression

Calculation Engine

SQLScript

OLAP

OLTP

Administration & Security

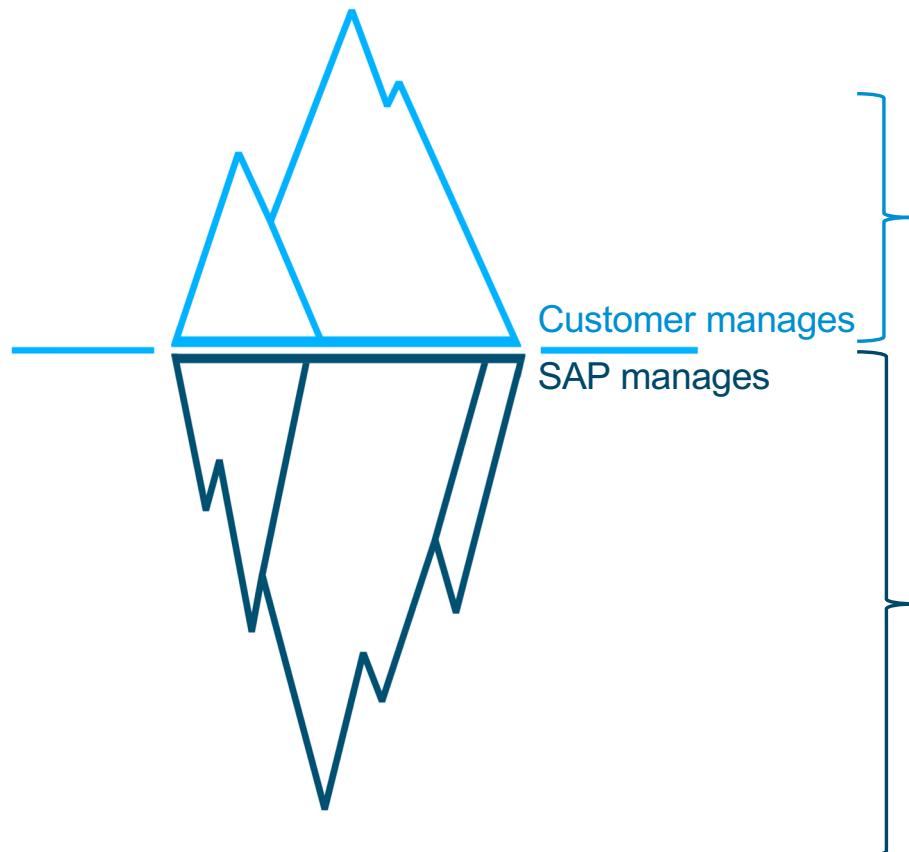
Backup & Recovery

Smart Data Access

SAP HANA
Tenant Databases

Overview of SAP HANA

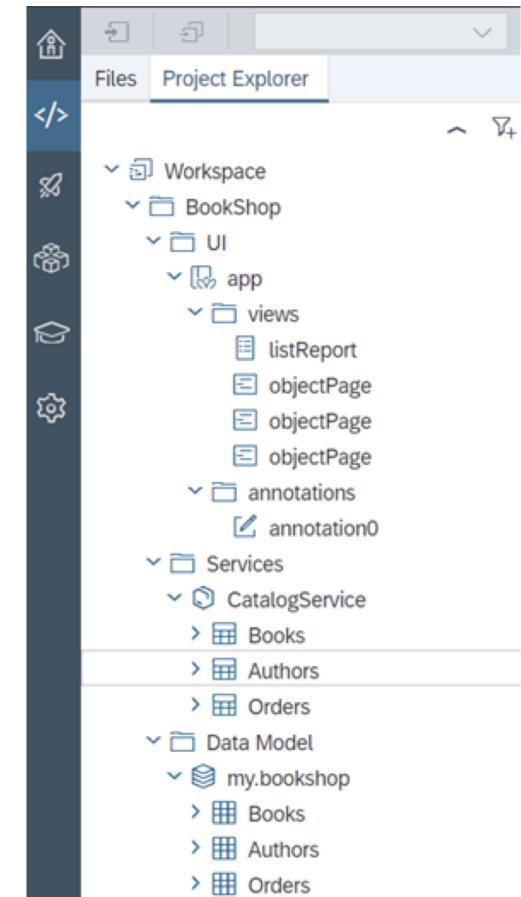
Database-as-a-service (DBaaS) differentiators



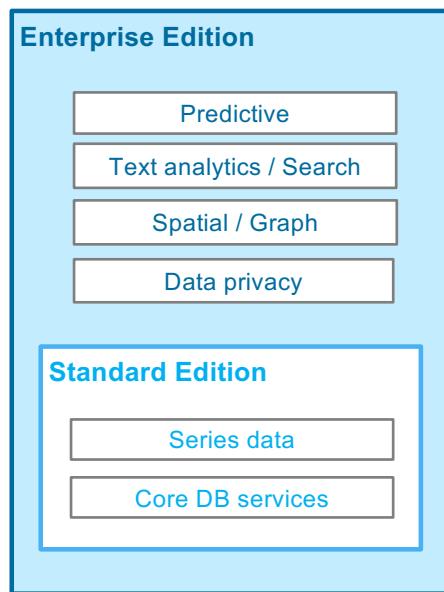
Developer Tools

Application Developers can use any number of tools including:

- SAP Web IDE Full Stack service
 - this is an SAP Cloud Platform service that lets you build and deploy native HANA applications directly into the SAP CP Cloud Foundry runtime
- SAP Web IDE for SAP HANA
 - Download SAP HANA, Express Edition and build native HANA applications locally, then deploy them to the cloud directly from SAP Web IDE for SAP HANA
- SAP Enterprise Architecture Designer
 - Create and maintain a complete landscape architecture for your digital transformation strategy
- SAP HANA Plugin for Microsoft Visual Studio



SAP HANA service: available in two editions



SAP HANA service Enterprise Edition:

- Includes all capabilities of SAP HANA service Standard Edition
- Adds the advanced analytics options

SAP HANA service Standard Edition:

- Includes core database services with in-memory capabilities

Overview of SAP HANA

SAP HANA advanced analytics features



Spatial

Gain deeper insights by combining business data with geographical data

Graph

Go beyond traditional entities and build relationships into existing data on the fly

Text & Search

Embedded search that provides full-text search, navigation, and access to structured and unstructured information across multiple systems

SAP HANA Advanced Analytics

Predictive

Make proactive and intelligent decisions that business can put to immediate use

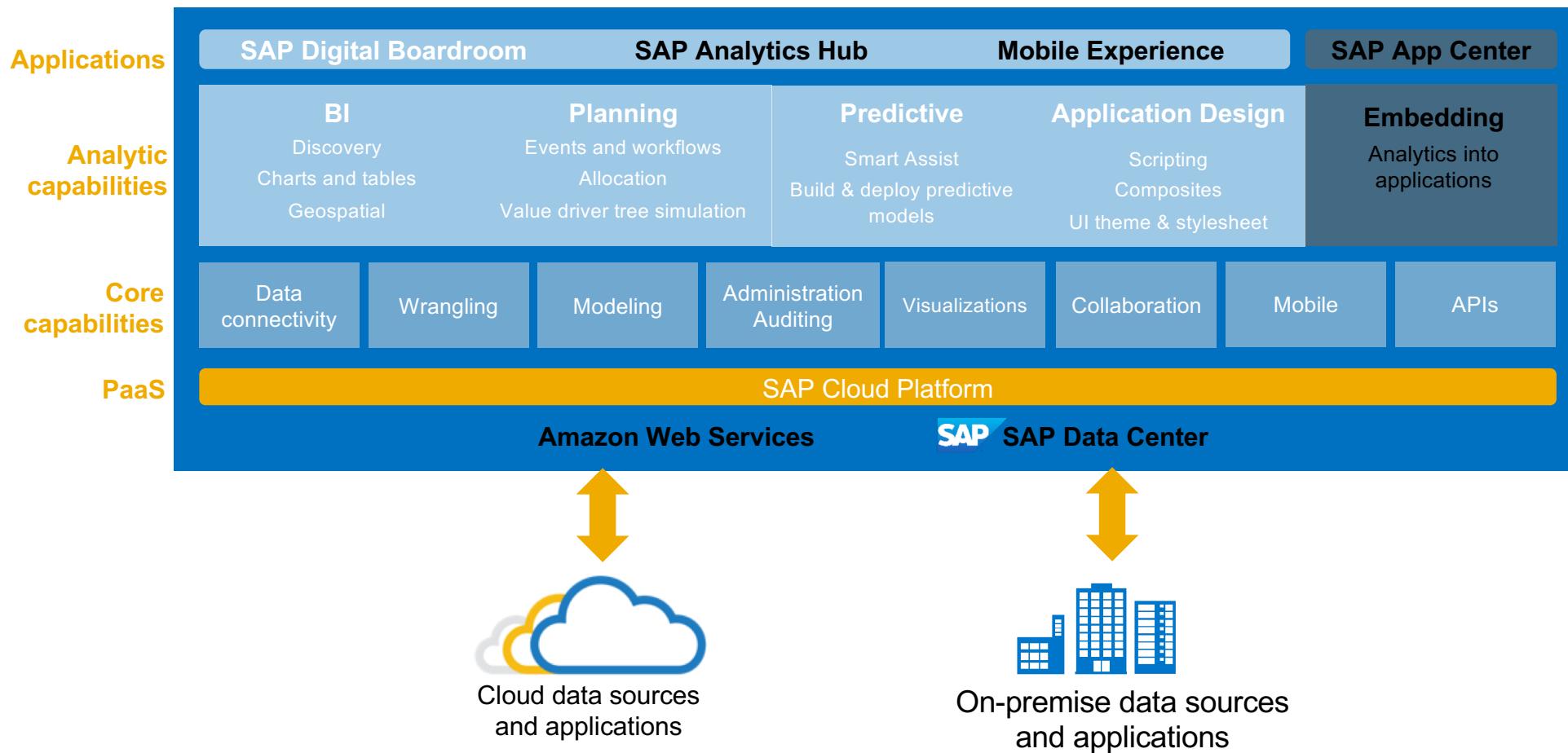
Streaming

Extract insight from real-time information streams and respond immediately to changing conditions

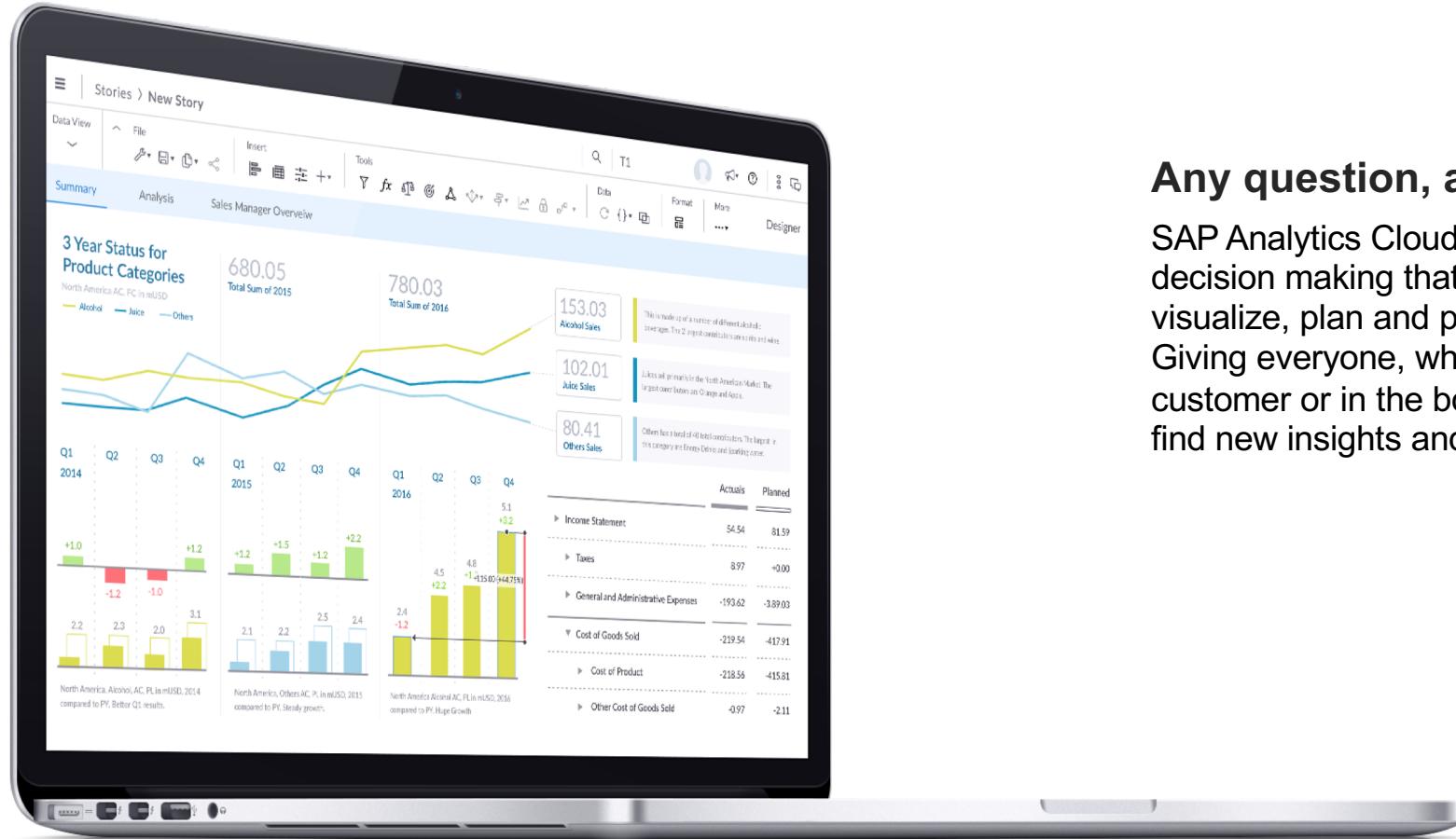
Series Data

Capture and analyze a sequence of successive data points made over a time interval

SAP Analytics Cloud Architecture



The solution is SAP Analytics Cloud



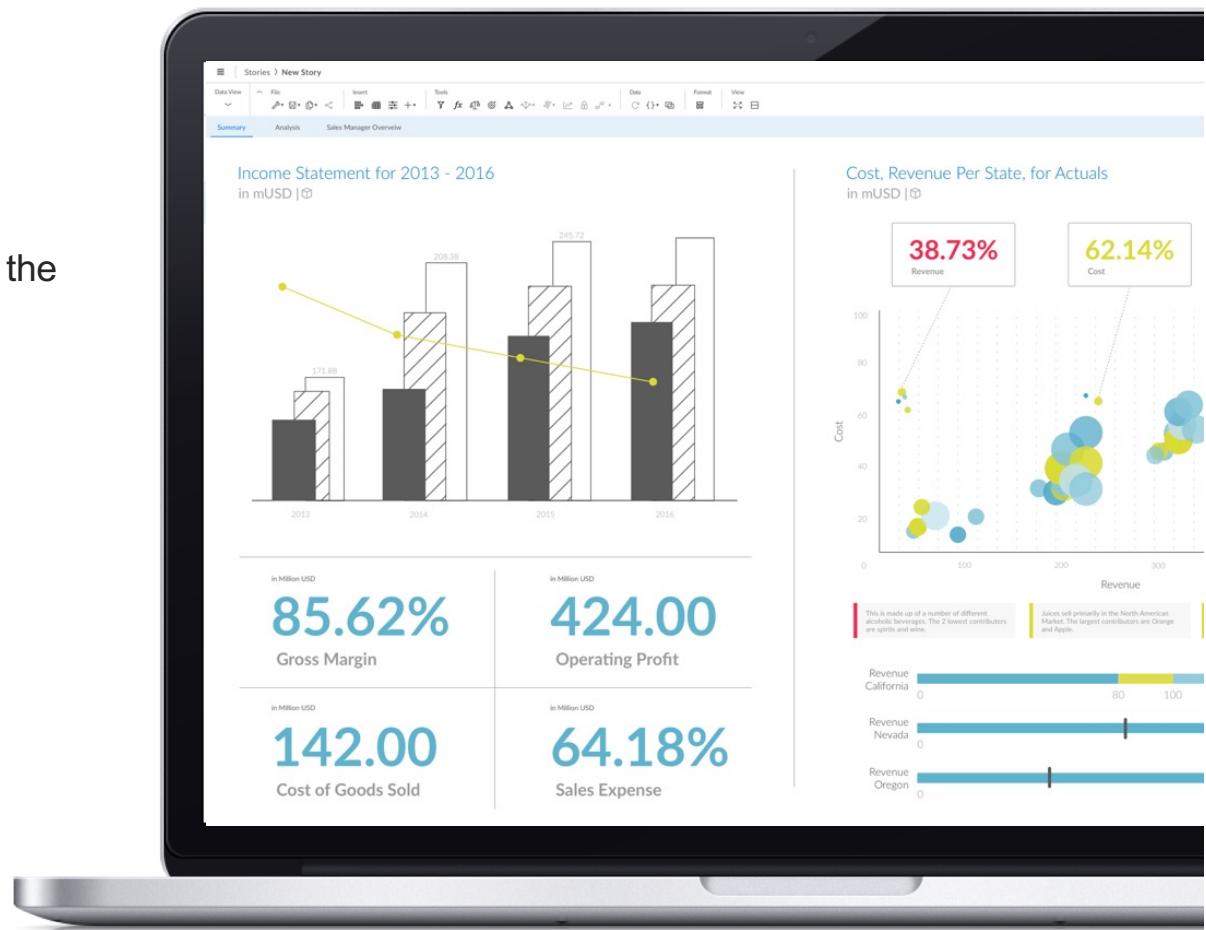
Any question, anyone, any time.

SAP Analytics Cloud is a single experience for decision making that allows users to discover, visualize, plan and predict, all in one place. Giving everyone, whether in front of the customer or in the boardroom, the power to find new insights and take action.

With SAP Analytics Cloud...

Simplify

- Discover, visualize, plan and predict in one product versus separate point solutions
- Answer all your business questions whether you're in the boardroom or in front of the customer
- Access all data – big and small – to uncover new insights that enrich your analytics



With SAP Analytics Cloud...

Experience

- Experience a better way to analyze data, designed around people, not engineering
- Anticipate and respond to new business challenges and opportunities with no delay
- Navigate seamless workflows to find insights at the point of decision and act in real-time



Easily surface relevant insight with SAP Analytics Hub

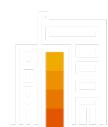
- Find the analytics you need – when you need them – in your home page
- Browse through visual cues to uncover analytics you didn't know
- Tailor the experience to best fit your unique business needs
- Run analytics that experts validated and certified for you

The screenshot shows the SAP Analytics Hub interface with a search bar at the top. Below it, there are several cards representing different analytical reports:

- New&Upsell Bookings by GPO ACT/BUD/...
- EMDA Account Multi...
- 360 Usage Analytics - Professional Service...
- Services Education C...
- Solutions and Industries - Performance Re...
- SISM Server Decom Current Details
- Services Delivery Consolidated Financial ...
- Customer Incidents ...
- 360 Usage Analytics - Industrial Machinery...

Each card includes a thumbnail image, a title, a brief description, and some statistics like views and likes.

SAP Analytics



SAP BW

3rd-Party



Try SAP Analytics Cloud today!

Try a free 30-day trial of SAP Analytics Cloud at
www.sapanalytics.cloud

- Import .CSV, Excel, and Google Sheets Data
- Create visualizations of your data
- Interact with visualizations to find insights and explore hidden relationships

