

# SAP Analytics Cloud: Analytics Designer

Course code: SACAD1

Please note that with the speed of updates to SAP Analytics Cloud, we endeavor to update this course quarterly. The course material will be delivered in English. This course is a deep-dive course. Please ensure you have taken the SAC01 course or have equivalent foundational knowledge of the overview topics covered in that course. Course based on software release: SAP Analytics Cloud 2022.15 (QRC).

## Who is the course for

- BW and SAP HANA consultants
- SAP BusinessObjects Consultants
- Power Users and managers inside business functions of the business
- Business Analyst

## What we teach you

This course will prepare you to:

- This course provides all the knowledge you need to create analytic applications in SAP Analytics Cloud with lots of hands-on exercises.

## Required skills

### Essential

- SAC01

## Course outline

- Overview and Positioning
- Overview and Positioning of SAP Analytics Cloud Analytics Designer
- Key Capabilities
- Stories vs. Analytic Applications
- Basic Application Design & Layout Techniques
- Using different modes of an application
- Working with various widgets like Crosstab, Chart, Filterline, Tab Pages, etc
- Positioning of widgets
- Advanced Application Design with Scripting
- Introduction to scripting
- Using script events, local and global variables, arrays
- Using URL parameters
- Working with conditional execution statements
- Working with global script functions
- Looping the result set
- Using the timer
- Debugging script
- Advanced Layout Design
- Using Themes and CSS
- Defining dynamic application design for mobile scenarios
- Performance Considerations
- Understanding performance best practices
- Understanding the technical processing of applications
- Export and Distribution Options
- Export to PDF / CSV / Excel
- Publications
- Data Change Insights

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# SAP Analytics Cloud: Analytics Designer

- Bookmarks
- Additional Application Functionality
- R-Visualization
- Smart Features
- Managing Applications
- Inbound and Outbound Integration with External Information or Applications
- Using oData calls to S/4HANA
- Using the Post Message API to embed an analytic application in a Host HTML page and a web page to an analytic application
- Including RSS feeds to application

## What you need to know

- Modeling of data sources for SAP Analytics Cloud is not covered in this course. As source for this training course, we use SAP BW4/HANA and SAP S4/HANA.

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