

# SAP Analytics Cloud: Predictive Functions

Course code: SACPR1

This course will provide you with the skills to take advantage of the smart data analysis and predictive capabilities of SAP Analytics Cloud. 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

- Application Consultant
- Business Analyst
- Program / Project Manager
- Data Scientist
- Technology Consultant
- Business Planner

## What we teach you

This course will prepare you to:

- Understand basic predictive analytics concepts and approaches in SAC.
- Use Smart Assist and Smart Discovery to enhance your understanding of your data.
- Be able to use the Smart Predict automated analytics capabilities to build and implement classification, regression and time-series models.
- Understand the fundamentals of R Visualization in SAC
- Understand the fundamentals of Predictive Planning in SAC

## Required skills

### Essential

- SAC01

### Recommended

- Basic background in Business Analytics

## Course outline

- Introduction to Data Science and Predictive Analytics
- Introduction to SAC Smart Features
- Smart Assist
- Smart Predict
- Augmented Analytics
- Introduction to Predictive Scenarios
- Data types and storage
- Introduction to automated data encoding
- Data description
- Data Structures for Augmented Analytics
- Overview Consuming Predictive Output in SAC
- Basic Introduction to Predictive Modeling
- Classification Models
- How to Analyze the Results of a Classification Model
- Introduction to Applying Classification Models
- Time Series Models
- Build a Time Series Model
- How to Analyze the Results of a Time Series Model

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- Introduction to Applying a Time Series Model Regression Models
- Build a Regression Model
- How to Analyze the Results of a Regression Model
- Introduction to Applying a Regression Model
- Visualizing Results
- Creating Stories and Dashboards with Model Output
- R Visualizations
- Predictive Planning
- Combining Augmented Analytics with Planning
- Project Frameworks
- Road Map
- Resources

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