



# SAP BPC 11 Bootcamp – Embedded Modeling

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TruQua's SAP BPC 11 Bootcamp provides attendees with a 4-day (26 hour) course for those looking to learn the ins and outs of SAP BPC 11, with minimal SAP knowledge required.

The course contains lecture-based material and hands-on demonstrations, all of which seek to provide a step-by-step technical training on how to leverage SAP BPC 11, with a focus on the Embedded Modeling approach.

TruQua's curriculum for the SAP BPC 11 Bootcamp is built on a problem-solving approach. TruQua's bootcamps are unique, in relation to other bootcamps or trainings, because of our ability to provide content that is both dynamic and customizable. By supplying dynamic content we can efficiently target different user groups and provide them with information that aligns well with their day-to-day responsibilities. Additionally, with a repository of constantly developing content, we can strategically customize our content to meet our client's needs.



## Unit 1.1: Financial Planning & Analytics 101

Duration: 1 hour

### Unit Goals:

- Understand how organizations leverage Financial Planning and Analysis processes to drive strategic decisions
- Review the purpose and common objectives of long-term strategic planning processes
- See examples of how high-level strategic plans are communicated out to different departments of the organization to build out detailed plans for operational execution
- Learn how forecasting is used to drive adaptations to the operational plan as well as common techniques organizations deploy to increase the accuracy of predictions
- Review case studies showcasing how technology can accelerate these processes and address common pain points

## Unit 1.2: SAP Business Planning & Consolidation 101

Duration: 1 hour

### Unit Goals:

- Become familiar with the key concepts behind Enterprise Performance Management (EPM)
- Get an introduction to SAP Business Planning and Consolidation (BPC), walk through sample use cases, and see how it can be used to address traditional pain points in EPM
- Demonstrate the key functionality of SAP BPC and the business value it adds, highlighting successful examples through case studies

## Unit 1.3: The Evolution of SAP Business Planning & Consolidation

Duration: 1 hour

### Unit Goals:

- Walk through the evolution of SAP financial planning and consolidation tools
- Understand the convergence of planning and consolidation
- Review the role of SAP BPC in the SAP FP&A roadmap alongside SAP Analytics Cloud
- Understand the value proposition of SAP BPC 11.x for SAP BW/4HANA through case studies highlighting successful results and business benefits

## Unit 1.4: Financial Planning in SAP Business Planning & Consolidation

Duration: 2 hours

### Unit Goals:

- See demonstrations of planning, budgeting, and forecasting in a unified SAP BPC environment
- Understand the difference between top-down planning vs. bottom-up planning
- Get an introduction to and see a demo of driver-based planning, allocations, scenario modeling, and “what if” analysis

## Unit 1.5: Financial Consolidations in SAP Business Planning & Consolidation

Duration: 2 hours

### Unit Goals

- Get an introduction to basic consolidation accounting
- Understand consolidation initialization parameters
- See a demo of local entity close, group consolidation, data tracing, and auditability

# Day 2: SAP BPC Power Users

## **Unit 2.1: Data Modeling in SAP Business Planning & Consolidation 11.x for SAP BW/4HANA**

Duration: 2 hours

### Unit Goals

- Get an understanding of the evolution of SAP Business Warehouse to SAP BW/4HANA
- Compare different SAP BPC modeling approaches; Standard model vs. Embedded model
- Understand Embedded master data modeling and transaction data modeling in SAP BPC 11.x for SAP BW/4HANA, including the use of aggregation Levels to allow planning on the same models at multiple levels of detail
- Learn how BPC Embedded can leverage “local” models and master data to create ad-hoc flexible iterations of planning applications
- Delve into the process of embedding BPC security concepts on top of BW authorizations to develop the BPC Embedded security model

## **Unit 2.2: Implementation Considerations for SAP Business Planning and Consolidation**

Duration: 2 hours

### Unit Goals

- Understand key considerations for choosing your SAP Planning and Consolidation solution
- Delve into the SAP Activate methodology for project planning
- Get best practices and accelerators for project planning for an SAP BPC Embedded implementation
- Get tips and best practices for developing a successful SAP BPC Embedded implementation

## **Unit 2.3: Configuring the Consolidation Monitor in SAP Business Planning and Consolidation 11.x for SAP BW/4HANA**

Duration: 2 hours

### Unit Goals

- Demonstrate how to maintain consolidation groups in the ownership manager
- Learn how to create and run controls to validate consolidation data
- See how to create, post, and unpost journal entries

## **Unit 2.4: Workflow Management in SAP Business Planning and Consolidation 11.x for SAP BW/4HANA**

Duration: 1 hour

### Unit Goals

- Learn how to create guided workflows through Business Process Flows (BPFs)
- See how to control and schedule data locking through SAP BPC work status and BW data slice locks
- Understand how to use task sequences to organize and execute the month end consolidation process from the consolidation monitor

# Day 3: SAP BPC Reporting & Planning

## Unit 3.1: Reporting and Analytics in SAP Business Planning and Consolidation

Duration: 1 hour

### Unit Goals

- Assessment of common enterprise needs for strategic and operational reporting
- Introduction to the SAP BPC Web Client
- Walk through the integration of BPC with Microsoft Excel through the SAP Analysis add-in
- Review integration options of BPC Embedded models with SAP Analytics Cloud

## Unit 3.2: Creating Planning and Reporting Queries in SAP Business Planning and Consolidation 11.x for SAP BW/4HANA

Duration: 2 hours

### Unit Goals

- Introduction to the SAP BW modeling tools in Eclipse
- Understand how to leverage the Query Designer to build planning and reporting queries on top of aggregation levels
- Learn how to connect BW modeling planning and reporting queries to BPC Embedded Models through the Analysis for Office plug in to create formatted Excel input forms and reports
- Get best practices and performance tips for report and input schedule design in the Analysis for Office plug in
- Review the Excel APIs available to extend analysis reports using macros

## Unit 3.3: Explore Use Cases for Hybrid Planning with SAP Analytics Cloud (SAC)

Duration: 1 hour

### Unit Goals

- Compare on-premise enterprise software with the main categories of cloud computing
- Understand the benefits of strategic planning in the cloud, and how using SAC as a client extension with live access to BPC Embedded can augment strategic planning processes
- Get an introduction to the Digital Boardroom and how it can be leveraged to enhance executive reporting with powerful visualizations on top of an organization's data
- Learn how BPC Embedded and BPC Optimized models can be extended into SAC to enable live writeback of plan data to ACDOCP in S/4HANA

## Unit 3.4: Tips for Configuring the SAP Business Planning and Consolidation-SAP Analytics Cloud Hybrid Planning Model

Duration: 2 hours

### Unit Goals

- Get an overview of the SAC Cloud Connector and the live and import data connection options
- Learn how to create SAC Live Connections to SAP BPC Embedded models
- Understand the capabilities and limitations to planning in Live Connections
- Review the different options available for integrating SAC connections to BPC Embedded models with financial transactions in SAP S/4HANA

## **Unit 4.1: An Overview of the Technical Features of SAP Business Planning & Consolidation 11.x for SAP BW/4HANA**

Duration: 2 hours

### Unit Goals

- Learn how to create jump queries to trace and validate BPC reports against source information from transactional systems such as S/4HANA
- Understand the concurrency locking framework in a BPC Embedded architecture, including how to manage the scope of user locks and how data interacts with the planning buffer
- Discover the uses of characteristic relationships for controlling how and where users can input data into BPC Embedded models
- See how to track data changes in SAP BPC through generated data audit reports
- Explore the SAP BPC tools for analyzing and debugging errors in the Embedded modeling approach

## **Unit 4.2: Best Practices for Scripting in SAP Business Planning & Consolidation 11x**

Duration: 2 hours

### Unit Goals

- Understand the pre-delivered planning function types SAP provides as part of BPC Embedded
- Get an introduction to formula extension scripting (FOX) for creating simple business calculation scripts to extend planning models
- Gain an overview of options for extending SAP BPC Embedded functionality by creating custom planning function types based on ABAP classes and managed database procedures (AMDPs)
- Explore the SAP BPC tools for analyzing and debugging errors in the Embedded modeling approach

## **Unit 4.3: Transporting and Migrating your SAP Business Planning & Consolidation Development**

Duration: 2 hours

### Unit Goals

- Get an overview of HANA-optimized BW objects and best practices for converting legacy development to use these standards in a BW/4HANA landscape
- Review the technical components for BW Integrated Planning and the Planning Application Kit which must be installed to build BPC Embedded models
- Understand the respective transport and lifecycle management procedures for HANA, BW, and BPC modeling objects
- Gain insight into how BPC Embedded models can be migrated into an S/4HANA environment to support real time integration of source financial transactions

TruQua is built on the principle that customers deserve **right-sized solutions** through **true quality**. TruQua's name comes from that principle - **True Quality**.

Founded by **Scott Cairncross**, the former head of the SAP Enterprise Performance Management (EPM) Regional Implementation Group (RIG) for Americas and **David Dixon**, a former FI/CO Platinum Consultant at SAP.

TruQua is an official **software & services partner** with software engineering expertise to integrate SAP with other solutions and bridge any SAP software gaps.

Specialists in **software solutions, project implementations and deployment** strategies for:

- SAP S/4HANA
- SAP Central Finance
- SAP Group Reporting
- SAP Analytics Cloud
- SAP BPC
- SAP HANA
- SAP BusinessObjects
- SAP BW & BW/4HANA
- SAP PaPM (FS-PER)
- SAP Cloud Platform
- SAP Leonardo
- Machine Learning
- BlackLine
- Magnitude Solutions
- Vertex Solutions
- OpenText Solutions
- Celonis

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