Column5 Consulting Group, LLC
222 S Mill Ave Ste 800
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BPC LOGIC WORKSHOP

This workshop is designed to help you make sense of the basic and more advanced principles of BPC logic – including dimension, SQL-based, allocation, and business rules logic types. More importantly this workshop will give you the confidence and empowerment to your own logic scripts and to troubleshoot existing logic. This workshop includes presentations, demonstrations, and hands-on exercises. The presentations capture the key concepts, while live demonstrations offer real-world scenarios. Our hands-on exercises present students with practical application to test the solutions.

AUDIENCE

- BPC administrators
- BPC power users

PRICING

- $2,500 Per Student

Enhance your classroom experience, and reduce your costs, by bringing one or more of your colleagues!

- $2,000 Per Additional Students

WHAT'S INCLUDED

- Breakfast and lunch served
- PDFs of all training presentations
- Classroom Exercise Manual

FAQ'S

Where and when does the training take place?

Training will take place at our Headquarters:

July 21 - 23 Tempe, AZ

What Do I Need To Bring?

We cannot stress enough how much hands-on activity you will be performing within our BPC training environment. Therefore, you will need to bring your own laptop, and ensure that you have access to the Remote Desktop Application. If you are unable to bring a laptop, you will be able to use one of our training laptops. It is also recommended that you bring a mouse.

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Are there any prerequisites needed in order to take this class?

This course will entirely be focused on using the EPM Add-in for Microsoft Excel. Therefore, it is recommended that all students have a solid working background of Microsoft Excel.

What is the typical classroom size?

We cap our attendance at 10 students to ensure that you receive a more personal-ized experience. You will not only have the opportunity to ask your instructor questions, but also interact and learn from your peers.

What version of BPC is this workshop applicable for?

This workshop is applicable to both the Microsoft and NetWeaver platforms for BPC 10.x – 11.x Standard. Any differences between platforms and versions will be noted by our instructors and documented in our training materials.

What is the delivery format?

Our training approach ensures that we will not robotically lecture you through the course content. Instead, you will fully immerse yourself within our BPC training environment through dozens of meaningful hands-on exercises.

Who will be teaching this course?

Our EPM Academy instructors are not just experts in BPC – we are also experts at teaching BPC. We are educators, not consultants, and we have carefully crafted and implemented engaging classroom strategies to ensure that you get the most out of your training investment.

Can I earn CPE credits?

Yes! Column5 Consulting is registered with the National Association of State Boards of Accountancy (NASBA) as a sponsor of continuing professional educa-tion on the National Registry of CPE Sponsors. You will earn 25 CPE credits by taking this course and will receive a CPE certificate of completion.

Are all classes confirmed to run?

In the unlikely event that the course will need to be canceled or rescheduled due to lack of participants, we kindly ask that you wait to make travel arrangements until your participation in the course has been confirmed by a member of the EPM Acad-emy team. This communication will occur one month before the training, and if a course is canceled, you will be fully refunded the amount of your registration.

Who can I contact for more information?

Please reach out to epmacademy@column5.com with any additional questions that you may have.

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AGENDA OVERVIEW:

BPC Logic - Course Objectives		
Course Name	**Learning Objectives**	**Day**
BPC Logic Overview	• Explain the purpose and uses of Sheet Logic. • Explain the purpose and uses of Dimension Logic. • Explain the purpose and uses of SQL Logic. • Explain the purpose and uses of Allocation Logic. • Explain the purpose and uses of Business Rules.	**Day 1**
Worksheet Logic	• Explain when worksheet logic is calculated. • Activate Local Member Recognition within Sheet Options. • Create a Local Member calculation directly in the worksheet. • Explain the purpose and function of local member keywords in calculations. • Explain how Local Members are attached to a specific part of the report. • How to use the option Use Excel Cell References when creating a Local Member. • How to use the option Position in Axis when creating a Local Member.	**Day 1**
Dimension Logic	• Define the purpose of Member Formulas, how they are used, and when they should be used. • Understand the pros and cons of using Member Formulas. • Learn how to enable Member Formulas (NW & MS). • Learn how to create statistical members to be used as Member Formulas (NW & MS). • Create member formula using Formula Editor (NW). • Create member formula using FORMULA property (MS). • Understand how to create member formulas using MDX Syntax. • Understand how the Time and Measure dimensions affect member calculations. • Understand how the ACCTYPE property affects member calculations. • Understand how to use SOLVE_ORDER value to determine the order of member calculations. • Member formula considerations and best practices.	**Day 1**

SQL-Based Scripting	• Explain how the logic engine works. • Explain when best to use SQL Script Logic. • Differentiate between SQL Script Logic syntax and MDX Syntax. • Explain what layer SQL-based logic is run. • Describe the script logic structure. • Show where script logic files are maintained in NW and MS. • Name the two script logic file types and how they are used. • List the different types of keywords that can be included in script logic files and how to insert them. • List the steps to edit, copy, and delete logic script files. • Explain the purpose of using comment rows within script logic files. • Explain the two ways in which logic files are executed. • Explain the query scope when logic is executed via a Data Send vs. a Data Manager package. • Identify where Data Manager package status and logs can be found.	**Day 1 & 2**
Allocation Logic	• Describe the function and purpose of the Allocation Engine, and the types of calculations it can perform. • Describe the purpose of each key element of the Allocation Engine's structure (WHAT, WHERE, USING, TOTAL, and FACTOR). • Scope Allocation Logic using *XDIM_MEMBERSET. • Explain when to use *DIM_NONAGGR. • Describe how to create an offset in Allocation Logic. • Explain how to use %YEAR% in order to retrieve the current calendar year. • Create a multi-step allocation.	**Day 2 & 3**
BPC Business Rules	• Describe the purpose and function of using Business Logic. • List the steps needed in order to add a Business Rule to a model. • Manage, edit, and delete business rules. • Explain the purpose of each field in the Account-based Calculations Business Rules table. • Create Account-based Calculations using a Business Rules table. • Run an Account-Based Calculation rule by calling the stored procedure from a logic file. • Explain the purpose of each field in the Currency Translation Business Rules table. • Explain the dimension properties needed in order to perform Currency Translation. • Create Currency Translations using a Business Rules table. • Run a Currency Translation rule by calling the stored procedure	**Day 3**
Darwin Calculation Engine (DarCE)	• Explain what is Darwin EPM. • Explain how the Darwin Calculation Engine (DarCE) addresses gaps in BPC functionality. • List and describe each main component of DarCE. • Explain why DarCE calculations are performed faster than standard SQL-based logic calculations.	**Day 3**