Business Explorer (BEx) Query Design and Analysis (BW305)

Type: E-Learning (95% video 5% handouts) | Prerequisites: None | Duration: 6 Hours

Course Description

Participants will gain SAP BW BEx Query Designer and Analyzer knowledge necessary to create and run both simple and complex queries. These queries read directly from the data residing within the SAP BW environment.

Our BW305 offering is a step-by-step course that will take you into designing highly informative and interactive reports in SAP BI/BW. Watch just a few of our training videos and you will immediately understand how both BEx Analyzer and Query Designer work! Each section of our video training comes with practical examples, exercises, and business cases, which will challenge you to learn in a fun and engaging manner.

This training is designed for beginner level users. If you have a technical or analytical background, and work with data, this course will allow you to fully understand how to design and build out and run reports on the front end of SAP BW. No matter the skill level, all attendees will complete the course with a wealth of new skills.

In just 6 hours, attendees will be able to design and implement reports within BW! We recommend first taking the SAP BW Enterprise Data Warehousing Course (BW310), however, it's not a prerequisite.

Learning Objectives:

At the end of this class, the student will be able to:

- Understand the BW Workbench and how it relates to the BEx front end
- Be able to run BEx tools from both inside and outside of BW
- Understand how to locate and open BEx Queries
- Modify BEx Analyzer Report Output
- Add Report-Level Filters to Analyzer Reports
- Add charts and information to report output
- Learn how to use formulas and calculations in report output
- Understand how to edit an existing query on the fly
- Know how to navigate the various BEx Analyzer toolbar options
- Save output to a new Workbook or View
- Refresh report data
- Change Variables
- Create New Queries

- Understand BEx Broadcaster
- Report Designer, Web Analyzer
- Use the Copy Sheet function
- Be able to change query global settings
- Understand how to use various BEx Query Designer Panes
  - InfoProvider, Filter, Rows/Columns, Structures
- Understand how to change Query properties
- Read and take action on Tasks and Messages
- Easily navigate the Designer toolbar options
- Be able to add filters to your query
  - Static and Dynamic
- Add in Conditions (Top N)
- Use Exceptions (Conditional Formatting)
- Use Query Variables and Selection Options
- Understand how to use Hierarchies
- Use Calculated and Restricted Key Figures

Participants will gain SAP BW BEx Analyzer and Query Designer knowledge necessary to successfully design, implement, and administrate reports within SAP BW. We encourage you to also enroll in the SAP BW Enterprise Data Warehousing Course (BW310) course, which teaches back end BI/BW data modeling and design.

Hands-on Learning:

This course will include extensive hands-on activities to re-enforce the skills and knowledge attained

Course Topics:

Introduction and Overview
- SAP BW Introduction
- Launching BEx
- Opening Queries
- Query Navigation and Layout
- Filtering

BEx Analyzer
- Editing a BEx Query on the fly
- BEx Analyzer Toolbar Options
- BEx Analyzer Report Output Properties
- Quickly adding a local formula to report output

BEx Query Designer
- Query Designer Report Properties
- Query Designer Overview
- Static Characteristic Restrictions
- Filtering with Dynamic Variables
- Selection Option Variable Filters

- Using Multiple Selection Option Variable Filters
- Dynamic Text Variables
- Calculated Key Figures
- Structures – Characteristic and Key Figure
- Key Figure Hierarchies
- Conditions
- Exceptions

BEx Analyzer and Query Designer Exercises
- Query Designer – BEx Analyzer Filters
- BEx Analyzer – Creating and Opening Views
- BEx Query Designer – Creating Filters
- Query Designer – Workbooks – Copy Sheet and Filtering
- Local Formulas at the BEx Analyzer Level
- Restricted Key Figures

Certification Prep Material
- Includes Course Manuals (BW305, BW306, BW307)