

SAP Business Warehouse Query Design and Analysis

Course Summary

Objectives

At the end of this course, students will be able to:

- Learn how to create queries in BEx Query Designer.
- Learn how to use advanced query functions.
- Learn how to perform OLAP Analysis.

Topics

- Data Warehousing
- Navigation Options in Reports
- Simple Queries
- Key Figures and Structures in Queries
- Queries with Multiple Structures
- Characteristics and Hierarchies in Queries
- Variables in Queries
- Exceptions and Conditions in Queries
- Report-Report Interface
- Query Performance Optimization
- Queries Management and Authorizations Overview
- Reporting Options

Audience

Those who can benefit from this SAP Business Warehouse Query Design and Analysis course include:

- Application Consultant
- Business Analyst
- Business Process Owner / Team Lead / Power User
- Program / Project Manager
- User

Prerequisites

Essential:

- Basic knowledge of data warehousing

Recommended:

- Experience and sound knowledge of the subject matter in at least one SAP
- ERP application course

Duration

Five days

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Course Outline

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| <p><i>I. Data Warehousing</i></p> <ul style="list-style-type: none"> A. Describing Data Warehousing B. Describing Data Warehouse Architecture C. Using Reporting Tools <p><i>II. Navigation Options in Reports</i></p> <ul style="list-style-type: none"> A. Using the Navigation Options in Reports B. Saving Analysis Views and Workbooks <p><i>III. Simple Queries</i></p> <ul style="list-style-type: none"> A. Creating Simple Queries B. Finding a Query C. Filtering Query Definition Data D. Configuring Query Properties <p><i>IV. Key Figures and Structures in Queries</i></p> <ul style="list-style-type: none"> A. Creating Restricted Key Figures B. Creating Calculated Key Figures C. Creating a New Formula with Boolean Operators D. Configuring Properties of Key Figures E. Using Exception and Nested Exception Aggregation <p><i>V. Queries with Multiple Structures</i></p> <ul style="list-style-type: none"> A. Creating Structures B. Resolving Formula Collision C. Designing Detailed Queries with the Cell Editor <p><i>VI. Characteristics and Hierarchies in Queries</i></p> <ul style="list-style-type: none"> A. Configuring the Properties of Characteristics B. Running Display and Navigation Attribute Queries C. Adding Hierarchies to Reports D. Using Hierarchies and Structures E. Adding External Hierarchies to a Report F. Creating External Hierarchies | <p><i>VII. Variables in Queries</i></p> <ul style="list-style-type: none"> A. Using Variables B. Creating Characteristic Value and Text Variables in Queries C. Creating Hierarchy and Hierarchy Node Variables in Queries D. Creating Formula Variables in Queries E. Activating Business Content Variables <p><i>VIII. Exceptions and Conditions in Queries</i></p> <ul style="list-style-type: none"> A. Creating Exceptions in Query Design B. Creating Conditions in Query Design <p><i>IX. Report-Report Interface</i></p> <ul style="list-style-type: none"> Using the Report-Report Interface <p><i>X. Query Performance Optimization</i></p> <ul style="list-style-type: none"> A. Optimizing Query Performance B. Configuring Query Read Mode C. Using Performance Monitoring Tools <p><i>XI. Queries Management and Authorizations Overview</i></p> <ul style="list-style-type: none"> A. Managing Query Objects B. Describing Authorizations <p><i>XII. Reporting Options</i></p> <ul style="list-style-type: none"> Outlining Reporting Options for SAP BW |
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