Hyperion System 9 BI+ Interactive Reporting Designing Advanced Queries and Reports

Course Summary

Description

This course is designed to teach advanced query and report building using Hyperion Interactive Reporting Studio. In addition, creating connection files to database sources and data modeling are included.

Objectives

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

- Establish connectivity to data sources
- Design data models including Meta Topic views
- Create advanced queries such as subqueries, local joins, and append queries
- Develop complex reports including combining data from multiple results in band-style reports
- Build computed items to meet special reporting needs
- Implement quality document design practices

Topics

- Overview of Hyperion Interactive Reporting
- Creating Database Connections
- Creating Data Models
- Creating Complex Queries
- Creating Complex Reports
- Distributing Reports

Prerequisites

- Completion of the Designing Queries & Reports course or equivalent knowledge of the subject matter
- Basic knowledge of SQL
- General knowledge of database and data warehouse design principles

Duration

One day

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Course Outline

I. Overview of Hyperion Interactive Reporting
- A. Client/server architecture
- B. Web architecture

II. Creating Database Connections
- A. Creating connections to data sources (OCE)
- B. Modifying a connection file
- C. Connections Manager
- D. Overview of Metadata

III. Creating Data Models
- A. Database design concepts
- B. Star schemas
- C. Bringing Topics to the Data Model
- D. Creating Joins
- E. Auto-join
- F. Working with Topic and Item properties
- G. Creating Master Data Models
- H. Creating Meta Topics
- I. Establishing Query governors
- J. Synchronizing data models

IV. Creating Complex Queries
- A. Local joins
- B. Limit Local joins
- C. Appending Queries (Unions, Union All, etc.)
- D. Subqueries
- E. Correlated subqueries
- F. SQL: customizing, exporting, & importing

V. Creating Complex Reports
- A. Defining Drill paths
- B. Multiple Results sets in a Report
- C. Constructing complex computed items in Reports

VI. Distributing Reports
- A. Preparing documents for distribution
- B. Optimizing documents
- C. Exporting reports

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