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"Charting the Course ...

... to Your Success!"

Essbase Advantage Bootcamp

Course Summary

Description

This course is designed to jump-start any Essbase XTD Analytic Services project that needs to begin cranking out applications fast. The curricula focuses on essential subjects you need to know to get started on developing effective and comprehensive applications: including the OLAP Server, outline design and development, load rules for building outlines and loading data, calculating the database, and reporting on the database using Report Scripts and the Spreadsheet Add-in. The course is logically broken down into concise topics giving the students an overall understanding of each subject. This course is very hands-on, with practical examples and exercises that help the student build a complete application and database.

Objectives

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

- Design and create Essbase databases
- Build databases
- Load data
- Calculate and consolidate data
- Report writing and data exporting
- Understand spreadsheet reporting and templates

Topics

- Essbase Server Overview
- Designing Database Outlines
- Load Rules for Outlines and Data
- Data Storage and Performance
- Essentials of Calc Scripting
- Report Scripting
- Spreadsheet Add-In
- Final Project: Put it all together

Audience

This course is designed for analysts and designers of Essbase applications, database administrators, power users and support personnel.

Prerequisites

Students should be proficient with Microsoft Excel.

Duration

Four days

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Course Outline

I. Essbase Server Overview
- A. OLAP & Multidimensionality Overview
- B. Essbase Concepts & Terms
- C. Definition of the Essbase administration tasks and functions
- D. Application Manager
- E. Essbase Architecture
- F. Essbase Objects & Components

II. Designing Database Outlines
- A. Modeling and Designing Applications and Databases
- B. Outlines, Dimensions, and Members
- C. Attributes, Operators, and Formulas
- D. UDAs and Attribute Dimensions
- E. Time balance accounting and Variance reporting

III. Load Rules for Outlines and Data
- A. Building Dimensions Dynamically, generation, level and parent/child builds
- B. Data Load Rules, load options, error processing
- C. Free Form Data Loads
- D. Lock & Send Data

IV. Data Storage and Performance
- A. Sparse and Dense understanding
- B. Data storage and blocks
- C. Performance and Disk Space

V. Essentials of Calc Scripting
- A. Calculation and Consolidation
- B. Dynamic calcs, calc and store, and considerations
- C. Using Intelligent Calc, clean and dirty blocks
- D. Overview and examples of most important calc functions

VI. Report Scripting
- A. Production Reporting
- B. Extraction and Formatting Commands
- C. Data Exporting and Importing

VII. Spreadsheet Add-In
- A. Accessing, retrieving, manipulating reports
- B. Report Design and Development
- C. Zooming & Pivoting Data
- D. Ad-hoc reporting techniques
- E. Managing Global and Sheet Options
- F. Member selection, formula preservation
- G. Linked Reporting Objects
- H. Cascading Reports

VIII. Final Project: Put it all together