Oracle Essbase 11.1.2 Bootcamp (11.1.2.4)

Duration: 5 Days

What you will learn

This Oracle Essbase 11.1.2 Bootcamp teaches you the principal techniques and theories to design Essbase block storage databases. Block storage databases are deployed independently for budgeting, forecasting and planning, and as the underlying data storage and analytic engine for Hyperion Planning applications.

Learn To:

Create block storage databases.
Build rules files.
Analyze data with Smart View.
Create basic calculations.
Extend analysis capabilities.
Create a database outline, load data into the database and analyze data with Smart View.
Perform advanced analysis on the database by implementing varying attribute dimensions and typed measures.

Benefits to You

Learn how to improve your organization’s performance through better, more informed decisions using Oracle Essbase, the market leading online analytical processing (OLAP) server for Enterprise Performance Management. Become more efficient at forecasting, variance analysis, root cause identification, scenario planning and what-if modeling to better align your organization’s resources and improve business results.

Calculation Scripts

During this course, you'll also create calculation scripts (to calculate data for different scenarios). Design discussions and hands-on activities will help you practice the new skills you're learning.

*This course is also suitable for customers using Oracle Essbase 11.1.1.

Audience

Business Analysts
Business Intelligence Developer
Database Administrators
Database Designers
Developer

Course Objectives

Create block storage databases

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Create dimensions using rules files

Load data using rules files

Analyze data with Smart View

Describe multidimensional calculation

Create basic database calculations

Analyze dimension attributes

Analyze non-numeric data

Course Topics

Essbase Overview
Multidimensional Analysis
Oracle's Enterprise Performance Management System
Oracle BI Foundation Suite
Essbase
Production Environment Components

Designing Applications and Databases
Essbase Implementation Process
Analyzing and Planning Implementations
Creating Applications and Databases
Creating Outlines

Designing Data Descriptor Dimensions
Data Descriptor Dimensions Overview
Designing Time Dimensions
Designing Scenario Dimensions
Outline Calculations
Designing Accounts Dimensions
Testing Outline Calculations

Optimizing Data Descriptor Dimensions
Creating Member Aliases
Dimension Types
Creating Period-to-Date Totals
Dynamic Calc Members
Enhancing Accounts Dimensions
Optimizing Data Storage

Developing Dimension Designs
Business View Dimensions Overview
Attributes in Database Design
Combining Business Views
Developing Label Outlines

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Creating Basic Dimension Build Rules Files
Rules Files Overview
Creating Dimension Build Rules Files
Configuring Dimension Maintenance Settings

Creating Advanced Dimension Build Rules Files
Advanced Dimension Build Rules Files Overview
Creating Shared Members
Manipulating Fields
Creating User-Defined Attributes
Creating Attribute Dimensions with Rules Files

Loading Data
Data Load Overview
Creating Data Load Rules Files
Selecting and Rejecting Records
Capturing New Members

Getting Started with Smart View
Navigating Smart View
Connecting to Data Sources
Creating Ad Hoc Grids
Setting the Point of View
Associating Data Sources with Worksheets
Creating Free-Form Grids

Creating Reports with Smart View
Updating Essbase Data
Integrating Essbase Data with Microsoft Office
Creating Shared Database Perspectives
Creating Custom Reports

Data Storage and Calculation
Calculation Overview
Database Calculation Order
Data Block Fundamentals
Data Blocks and the Index System
Interpreting Database Statistics
Data Block Creation
Database Calculation Process

Creating Calculation Scripts
Calculation Script Organization
Returning Correct Calculation Results
Troubleshooting CALC DIM Processes

Controlling the Calculation Process
Top-Down Calculation
Focusing Calculations with FIX Statements
Calculating Conditionally with IF Statements
Performance Considerations

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Referencing Members in Calculations
Referencing Members Explicitly
Referencing Members Dynamically
Creating Calculation Variables

Developing and Testing Complex Calculation Scripts
Implementing a Script Development Process
Upper-Level Data Loads
Intelligent Calculation

Normalizing Data
Allocating Data
Planning Data Normalization
Normalizing Rates and Drivers
Copying and Clearing Data

Creating Attribute Dimensions
Attribute Dimensions Overview
Adding Attribute Dimensions to Outlines
Design Considerations

Analyzing Varying Attributes
Varying Attributes Overview
Creating Varying Attributes
Viewing Varying Attribute Data

Analyzing Text and Dates
Typed Measures Overview
Enabling Typed Measures
Creating Text Measures
Creating Date Measures
Viewing Typed Measures
Calculations Based on Typed Measures

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