



Oracle Essbase and Planning and Budgeting Cloud Service

Course Description:

This training program is designed to prepare the students for Hyperion Essbase Developers. The training program also covers reporting using Hyperion Smart View

Oracle Essbase and Planning and Budgeting Cloud Service online training curriculum

An Introduction to Multi-Dimensional Database

- Understanding Multi-Dimensional Database concepts
- Dimensional Modeling Concepts
- Dimension and Fact
- Dimension Hierarchy
- Confirm Dimension
- Full and Semi additive Measure
- Star Schema, Snowflake schema, and galaxy model
- Operation on Multidimensional database

Essbase Overview

- Essbase

Production Environment Components

Designing Applications and Databases

- Essbase Implementation Process
- Analyzing and Planning Implementations
- Creating Applications and Databases

Creating Outlines

- Data Descriptor Dimensions Overview
- Designing Time Dimensions
- Designing Scenario Dimensions
- Outline Calculations
- Designing Accounts Dimensions
- Testing Outline Calculations
- Creating Member Aliases
- Dimension Types
- Creating Period-to-Date Totals
- Dynamic Calc Members
- Enhancing Accounts Dimensions
- Optimizing Data Storage
- Attribute Dimensions Overview
- Adding Attribute Dimensions to Outlines

- Design Considerations

Creating Basic & Advance Dimension Build Rules Files

- Rules Files Overview
- Creating Dimension Build Rules Files
- Configuring Dimension Maintenance Settings
- 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
- Freeform Data Loading
- Data loading using Rule file
- Creating Data Load Rules Files
- Selecting and Rejecting Records
- Capturing New Members

Working with Essbase Integration Service

- Creating OLAP Model and Meta-outline
- Loading Metadata and Data using Oracle Database
- Working with Drill through reports

Working with Essbase Studio

- Essbase Studio Deployment Architecture
- Data Source Connections
- Metadata Elements and Alias Sets
- Working with Mini schemas
- Hierarchies
- Cube Schemas
- Essbase Models

Working with Essbase Spreadsheet client

- Configuring Essbase Spreadsheet client
- Understanding various Essbase Client Options
- Writing Queries, Member selections, Drill Down, Drill Up, Keep the only remover only, etc

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
- Top-Down Calculation
- Focusing Calculations with FIX Statements
- Calculating Conditionally with IF Statements
- Performance Considerations
- Referencing Members Dynamically
- Creating Calculation Variables
- Developing and Testing Complex Calculation Scripts
- Implementing a Script Development Process
- Upper-Level Data Loads
- Intelligent Calculation

Essbase Security Overview

- Essbase Native Security
- Global Access Security Layer
- User and Group Security Layer
- Application Access Type Security
- The Essbase Security File

Optimizing Block Storage Caches

- Optimizing the Database
- Optimizing Caches
- Setting RAM Caches
- Cache Hit Ratios

Essbase Automation using MaxL

- Understand the MaxL script structure.
- Automate Metadata, Data Load Process
- Automate Calculation and consolidation process
- Automate Data Export Using Report Script and Data Export Command

Essbase Optimization and Memory management

- Optimizing the Database
- Optimizing Caches
- Setting RAM Caches
- Cache Hit Ratios

Analyzing Text and Dates

- Typed Measures Overview
- Enabling Typed Measures
- Creating Text Measures
- Creating Date Measures
- Viewing Typed Measures
- Calculations Based on Typed Measures

Hyperion Planning

- Hyperion Planning Overview
- Creating Hyperion Planning Classic Application and EPMA Application Part I
- Creating Hyperion Planning Classic Application and EPMA Application Part II
- Dimension Overview and their properties
- Loading Data and Calculate the Database
- Setting up Security
- Designing Data Form
- Entering Data in Data Form
- Migrating Planning using LCM utility [Setting Up Application Setting]
- Creating Planning Task List
- Planning Process Management
- Working with Business Rule

Aggregate Storage Overview

- Aggregate storage key characteristics and design considerations
- Key differences between ASO and BSO design
- Understanding the aggregate storage production cycle
- Creating aggregate storage outline hierarchies
- Loading Data

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

Get started using Oracle Planning and Budgeting Cloud

- Use Oracle Planning and Budgeting Cloud to complete the business budgeting and forecasting process
- Configure, test and maintain the components of a Planning application
- Set up the Planning application with dimensions, aliases, currencies and time periods
- Set up Planning and Budgeting scenarios and versions
- Load metadata and data
- Implement security and manage users
- Implement business rules and processes
- Manage the approval process, which includes moving a plan through the budget review-and-approval process
- Create and enhance forms for user input