

## Oracle Essbase 11.1.2 Bootcamp (11.1.2.4)

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<b>Code:</b>	HY-ESS-BOOT
<b>Length:</b>	5 days
<b>URL:</b>	<a href="#">View Online</a>

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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.

## Skills Gained

- Create block storage databases
- 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

## Who Can Benefit

- Analyst
- Architect
- Database Administrator
- Developer

## Course Details

### Topics

- Essbase Overview
- Designing Applications and Databases
- Designing Data Descriptor Dimensions
- Optimizing Data Descriptor Dimensions
- Developing Dimension Designs
- Creating Basic Dimension Build Rules Files
- Creating Advanced Dimension Build Rules Files
- Loading Data
- Getting Started with Smart View
- Creating Reports with Smart View
- Data Storage and Calculation
- Creating Calculation Scripts
- Controlling the Calculation Process
- Referencing Members in Calculations
- Developing and Testing Complex Calculation Scripts
- Normalizing Data
- Creating Attribute Dimensions
- Analyzing Varying Attributes
- Analyzing Text and Dates
  
- 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

## **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

## **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