



## Oracles' Hyperion Essbase Training

This course provides students an opportunity to learn the fundamental approach and concepts for the design of block storage databases with Essbase. Students create a database outline, load data, analyze data using Excel, and create calculation scripts. Concepts will be reinforced with hands on labs and design discussions.

### **Classes with includes topic on:**

- Creation of block storage databases
- Dimension design & Building
- Member calculations
- Calculation script creation
- Rule file use and design
- Smart View for Analysis

### **Suggested Prerequisites:**

- Knowledge of Microsoft Office Tools
- Client Server Application Concepts

### **Course Duration:**

- 4 days
- Detailed schedule is given below

## Oracles' Hyperion Essbase Training Day 1

Time	Topic	Detail
9:00 to 10:45	Module 1: Creating Databases	<ul style="list-style-type: none"> <li>• Multidimensional analysis</li> <li>• System 9 Overview</li> <li>• Analytic Services</li> <li>• Production Environment Components</li> </ul>
10:45 to 11:00	Break	
11:00 to 12:00	Lesson 2: Designing Applications and Databases	<ul style="list-style-type: none"> <li>• Essbase Analytics Implementation Process</li> <li>• Analyzing and Planning Implementations</li> <li>• Creating Applications and Databases</li> <li>• Creating Outline Structures</li> <li>• Modifying Member Properties</li> </ul>
12:00 to 1:00	Lunch	
1:00 to 2:45	Lesson 3: Designing Data Descriptor Dimensions	<ul style="list-style-type: none"> <li>• Designing Time Dimensions</li> <li>• Designing Scenario Dimensions</li> <li>• Outline Calculations</li> <li>• Designing Accounts Dimensions</li> <li>• Creating Accounts Hierarchies</li> </ul>
2:45 to 3:00	Break	
3:00 to 5:00	Lesson 4: Optimizing Data Descriptor Dimensions	<ul style="list-style-type: none"> <li>• Creating Member Aliases</li> <li>• Dimension Types</li> <li>• Dynamic Calc Members</li> <li>• Enhancing Accounts Dimensions</li> <li>• Optimizing Data Storage</li> </ul>

## Oracles' Hyperion Essbase Training Day 2

Time	Topic	Detail
9:00 to 10:45	Module 2: Building Rules Files  Lesson 5: Planning Dimension Designs	<ul style="list-style-type: none"> <li>• Business view Dimensions Overview</li> <li>• Combining Business Views</li> <li>• Planning Dimensions with Label Outlines</li> </ul>
10:45 to 11:00	Break	
11:00 to 12:00	Lesson 6: Creating Basic Dimension Build Rules Files	<ul style="list-style-type: none"> <li>• Dimension Build Rules Files Overview</li> <li>• Creating Dimension Build Rules Files</li> <li>• Configuring Dimension Maintenance Settings</li> </ul>
12:00 to 1:00	Lunch	
1:00 to 2:45	Lesson 7: Creating Advanced Dimension Build Rules Files	<ul style="list-style-type: none"> <li>• Advanced Dimension Build Rules Files Overview</li> <li>• Creating Shared Members</li> <li>• Manipulating Fields</li> <li>• Creating User-Defined Attributes</li> </ul>
2:45 to 3:00	Break	
3:00 to 5:00	Lesson 8: Creating Attribute Dimensions	<ul style="list-style-type: none"> <li>• Attribute Dimensions Overview</li> <li>• Adding Attribute Dimensions to Outlines</li> <li>• Design Considerations</li> <li>• Creating Attributes with Rules Files</li> </ul>

## Oracles' Hyperion Essbase Training Day 3

Time	Topic	Detail
9:00 to 10:45	Lesson 9: Loading Data	<ul style="list-style-type: none"> <li>• Data Load overview</li> <li>• Creating Data Load Rules Files</li> <li>• Selecting and Rejecting Records</li> <li>• Capturing New Members</li> </ul>
10:45 to 11:00	Break	
11:00 to 12:00	Module 3: Reporting with Smart View for Office  Lesson 10: Getting Started with Smart View for Office	<ul style="list-style-type: none"> <li>• Smart View for Office Overview</li> <li>• Configuring Data Sources</li> <li>• Retrieving Data</li> <li>• Setting the Point of View</li> </ul>
12:00 to 1:00	Lunch	
1:00 to 2:45	Lesson 11: Creating Reports with Smart View for Office	<ul style="list-style-type: none"> <li>• Manipulating Multidimensional Data</li> <li>• Updating Analytic Services Data</li> <li>• Integrating Analytic Services Data with Microsoft Office</li> </ul>
2:45 to 3:00	Break	
3:00 to 5:00	Module 4: Creating Basic Calculations  Lesson 12: Data Storage and Calculation	<ul style="list-style-type: none"> <li>• Calculation Overview</li> <li>• Database Calculation Order</li> <li>• Data Block Fundamentals</li> <li>• Database Statistics</li> <li>• Data Block Creation</li> <li>• Database Calculation Process</li> </ul>

## Oracles' Hyperion Essbase Training Day 4

Time	Topic	Detail
9:00 to 10:45	Lesson 13: Creating Calculation Scripts	<ul style="list-style-type: none"> <li>• Calculation Script Organization</li> <li>• Returning Correct Calculating Results</li> <li>• Troubleshooting CALC DIM Processes</li> <li>• Single-pass Calculation with Incorrect Results</li> <li>• Multiple-Pass Calculation with Correct Results</li> </ul>
10:45 to 11:00	Break	
11:00 to 12:00	Lesson 14: Controlling the Calculation Process	<ul style="list-style-type: none"> <li>• Top-Down Calculation</li> <li>• Focusing Calculations with Fix Statements</li> <li>• Calculating Conditionally with IF Statements</li> <li>• Comparing FIX and IF Calculation Processes</li> <li>• Referencing Members Explicitly</li> <li>• Referencing Members Dynamically</li> <li>• Creating Calculation Variables</li> </ul>
12:00 to 1:00	Lunch	
1:00 to 2:45	Module 5: Advanced Calculations  Lesson 15: Developing and Testing Calculation Scripts	<ul style="list-style-type: none"> <li>• Script Development Process</li> <li>• Upper –Level Data Loads</li> <li>• Intelligent Calculation</li> </ul>
2:45 to 3:00	Break	
3:00 to 5:00	Lesson 16: Normalizing Data	<ul style="list-style-type: none"> <li>• Allocating Data</li> <li>• Normalization</li> <li>• Normalizing Rates and Drivers</li> <li>• Copying and Clearing Data</li> </ul>