

# A Revolutionary Learning in IT

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# **Hyperion ESSBase Curriculum**

# 1. Data Warehousing Concepts

- Introduction of Data-Warehousing Concepts
- OLAP Models and brief explanation on ROLAP and MOLAP
- Introduction to Hyperion Tools and Advantages
- Essbase Architecture and Flow of Development Life Cycle of Essbase Cubes

# 2. Essbase Storage Properties

- Essbase Terminology and Family Tree Relationships
- Introduction of Database Design
- Data Storage Properties
- Time Balance and Expense Reporting Properties
- UDAS, Attribute and Alternate Hierarchies
- Introduction to ASO and BSO Options
- Creating Essbase Applications and Databases
- Understanding the Time, Scenario and Measures Dimension Concepts
- Creating and building the dimensions rule files using Essbase Administration Services Console
- Loading the data in Different Methods
- Consolidation Operators
- Duplicate Member Name Support

# 3. Essbase Cube Implementation from Scratch

- Creating Standard and Attribute Hierarchies
- Creating Accounts Hierarchies

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• ETL Operations while Rule File Building

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• Dimensional and Data loading using Interface tables and Flat Files

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# 4. BSO Cube Implementation

- Dense and Sparse Concept, Block Structure
- Data Storage Properties
- Calculation Scripts
- Hour-Glass Method Importance
- Design and Optimization Technique
- Partitions and there types

# 5. ASO Cube Implementation

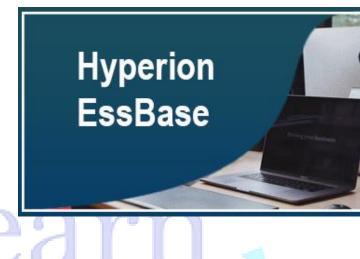
- Aggregations
- ASO Physical Structure
- Table space and Restructuring
- MDX Scripts
- Design and Optimization
- 6. Scripts
  - Automation of Cube Loading using MaxL Scripts
  - Report Scripts

# 7. Security and Administration

- Introduction to Shared Services Console
- Creating Users and Groups
- Assign Cube and Filter Access to Groups
- Essbase Config, Server and Application Log Files
- Locks and Sessions

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- Backup and Recovery Methods
- Introduction to Life Cycle Management and Usage



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#### 8. Introduction to Excel-Addin and Smart View

- Accessing Cubes using Essbase Excel-Addin and generate Reports
- Performing Adhoc Analysis using Smart View Tool
- Various Options that is available in Essbase Excel-Addin and Smart-View Tools



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