

**OBIEE 11g Course Topics:**

**Class 1: Data Warehousing Concepts**

- Data Warehouse
- Basics of Data Warehousing
- What is OLTP and OLAP?
- Difference between OLTP and OLAP
- Dimension, Fact, Aggregate tables
- Star Schema, Snowflake schema
- Star Schema vs Snowflake Schema

**Class 2: OBIEE Overview**

- What is OBIEE?
- Introduction to OBIEE 11G
- Based on Fusion Middleware 11g Platform
- End-to-End Life Cycle of OBIEE
- Oracle BI Architecture 11g
- Oracle BI Components 11g

**Class 3: Installation of OBIEE**

**Class 4, 5: RPD & Catalog Basics**

- Repository Basics
- Metadata & Catalog Basics
- Physical, BMM, Presentation layers Overview
- RPD Online Mode and Offline Mode
- Answers, Dashboards, Administration
- Repository & Catalog Deployment
- Start/Stop Weblogic & BI Services
- Administration files, Logs, Services, Folders
- OPMN

**Class 6: Building the Physical Layer of a Repository**

- Create a New Repository
- Import Metadata
- Verify Connection
- Properties of Physical Layer Objects
- Creating Aliases, Physical Keys and Joins

**Class 7: Building the BMM Layer of a Repository**

- Creating Business Model
- Properties of BMM Layer Objects
- Examine Logical Joins, Logical Columns, LTS
- Rename Logical Objects Manually
- Rename Logical Objects Using the Rename Wizard



- Delete Unnecessary Logical Objects
- Create Simple Measures

#### Class 8: Building the Presentation Layer of a Repository

- Creating Presentation Layer Objects
- Properties of Presentation Layer Objects
- Rename Presentation Columns
- Reorder Presentation Columns
- Creating Nested Structure

#### Class 9: Testing & Validating a Repository

- Check Global Consistency
- Load the Repository
- Understanding Logging Levels
- Set Up Query Logging
- Validating Query Logging

#### Class 10: Managing LTS, Calculated Measures

- Add a New Logical Table Source
- Create Presentation Layer Objects
- Validation of Multiple LTS
- Create a Calculation Measure Derived from Existing Columns
- Create a Calculation Measure Using a Function

#### Class 11: Dimension Hierarchies, Level Based Measures

- Creating Dimension Hierarchies
- Validating Drill Down feature
- Creating Level Based Measures

#### Class 12: Aggregates, Ragged & Skipped Level Hierarchy

- Modelling Aggregate Tables
- Validating Aggregate Navigation
- Creating Ragged & Skipped Level Hierarchy

#### Class 13: Functions (Part 1)

- Calendar Date/Time Functions
- Conversion Functions
- Display Functions
- Evaluate Functions
- Lookup Functions

#### Class 14: Functions (Part 2)

- Mathematics Functions



- String Functions
- System Functions
- Time Series Functions

#### Class 15: Variables

- Understanding Variables
- Creating Session Variables
- Creating Repository Variables
- Creating Initialization Blocks
- Referencing Variables

#### Class 16: Working with Analytics

- Introduction to Analytics
- Creating a Report
- Using Analysis Editor
- Saving Reports

#### Class 17: Formatting, Sorting, Filters

- Formatting & Sorting the Reports
- Creating Filters
- Creating Saved Filters

#### Class 18, 19: Working with different Report Views

- Title View
- Table, Pivot View
- Graphs, Gauges
- Legend
- Narrative View
- Static Text
- Column/View Selector

#### Class 20: Creating Dashboards, Prompts, Presentation Variables

- Creating Prompts
- Creating Dashboards
- Running a Dynamic Report on a Dashboard
- Working with Presentation Variables

#### Class 21: Dashboard Pages, Union Reports, Examples

- Creating Dashboard Pages
- Advanced Dashboard Properties
- Creating Union Reports
- Practical Scenarios



Class 22: Action Links

- Understanding Action Links
- Navigating to a Report
- Navigating to a Web Page

Class 23: Scorecards & KPI's

- Creating KPIs, KPI Watchlist, Scorecards
- Displaying Scorecards on a Dashboard

Class 24: Securities