

OBIEE Repositories Course Content:35-40hours

Course Outline

1) OBIEE Repository Basics

- OBIEE 10g Architecture Components
- Clients
- Oracle BI Presentation Services
- Oracle BI Server
- Oracle BI Repository
- Data Sources
- Creating a new Repository using Admin Tool
- Introduction to NQConfig.ini file

2) Physical Layer:-

- Importing Data Sources
- Setting up Connection Pool Properties
- Defining Keys and Joins
- Examining Physical Layer Object Properties
- Creating Alias

3) Business Model and Mapping Layer

- Create a new Business Model
- Creating Logical Tables and Logical Table sources (LTS)
- Defining Logical Joins
- Building Measures
- Examining Business Model Object Properties

4) Presentation Layer

- Creating Presentation layer Objects
- Exploring Presentation Layer Objects

- Modifying Presentation Layer Objects
- Examining Presentation Layer Objects

5) Repository Validation

- Checking Repository Consistency
- Turning on Logging
- Testing a repository using Oracle BI Answers
- Inspecting the Query Log

6) Adding Measure to Fact table

- Creating Measure based on Existing Logical columns
- Creating Measure based on Existing physical columns
- Creating Measure Using Calculation Wizard

7) Dimension Hierarchies

- Creating Dimension Hierarchies
- Creating Level Based Measure
- Creating Share Measure
- Creating Rank Measure

8) Modeling Aggregates

- Purpose of Aggregate tables in the Dimensional Modeling
- Modeling aggregate table to improve query performance
- Using the Aggregate Persistence Wizard

9) Variables

- Session Variable
- Repository Variable
- Initialization Block
- Using the variable manager

10) Modeling Time Series Data

- Using Time Comparisons in Business analysis
- Using Oracle BI time series Functions to model Time Series Data

11) Setting Implicit Fact

- Steps for configuring implicit fact column

12) Security

- Adding a User to the repository
- Setting User Permissions
- Administrator Account

13) Cache Management

- Advantages of Caching
- Configuring Query Cache
- Configuring the Cache Parameters
- Setting Caching and Cache Persistence for Tables
- Using the Cache Manager